

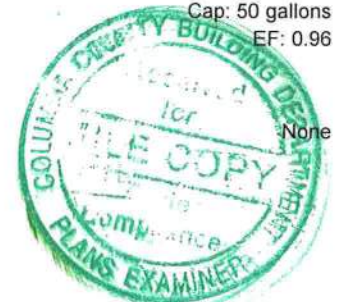
# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX\* = 91

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

Columbia County, Glen Lake City, FL, 32025

|                                              |                  |                        |                                          |                 |                         |
|----------------------------------------------|------------------|------------------------|------------------------------------------|-----------------|-------------------------|
| 1. New construction or existing              | New (From Plans) |                        | 10. Wall Type and Insulation             | Insulation      | Area                    |
| 2. Single family or multiple family          | Detached         |                        | a. Concrete Block - Polystyrene Bead Agg | R=30.8          | 2270.00 ft <sup>2</sup> |
| 3. Number of units, if multiple family       | 1                |                        | b. Frame - Wood, Adjacent                | R=13.0          | 547.50 ft <sup>2</sup>  |
| 4. Number of Bedrooms                        | 0                |                        | 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 (ft <sup>2</sup> ) | 2660             |                        | 11. Ceiling Type and insulation level    | Insulation      | Area                    |
| 7. Windows**                                 | Description      | Area                   | a. Under Attic (Vented)                  | R=30.0          | 2660.10 ft <sup>2</sup> |
| a. U-Factor:                                 | DbI, U=0.40      | 279.59 ft <sup>2</sup> | b. N/A                                   | R=              | ft <sup>2</sup>         |
| SHGC:                                        | SHGC=0.25        |                        | c. N/A                                   | R=              | ft <sup>2</sup>         |
| b. U-Factor:                                 | DbI, U=0.30      | 21.00 ft <sup>2</sup>  | 12. Ducts, location & insulation level   |                 | R                       |
| SHGC:                                        | SHGC=0.25        |                        | a. Sup: main, Ret: main, AH: Garage      | 6               | 552                     |
| c. U-Factor:                                 | DbI, default     | 42.00 ft <sup>2</sup>  | b. Sup: Attic, Ret: Attic, AH: Attic     | 6               | 282                     |
| SHGC:                                        | Clear, default   |                        |                                          |                 |                         |
| d. U-Factor:                                 | N/A              | ft <sup>2</sup>        | 13. Cooling systems                      | kBtu/hr         | Efficiency              |
| SHGC:                                        |                  |                        | a. Central Unit                          | 40.0            | SEER:15.00              |
| Area Weighted Average Overhang Depth:        | 1.000 ft.        |                        | b. Central Unit                          | 21.8            | SEER:15.00              |
| Area Weighted Average SHGC:                  | 0.305            |                        | 14. Heating systems                      | kBtu/hr         | Efficiency              |
| 8. Skylights                                 | Description      | Area                   | a. Electric Heat Pump                    | 40.0            | HSPF:8.50               |
| a. U-Factor(AVG):                            | N/A              | ft <sup>2</sup>        | b. Electric Heat Pump                    | 21.8            | HSPF:10.00              |
| SHGC(AVG):                                   | N/A              |                        | 15. Hot water systems                    |                 |                         |
| 9. Floor Types                               | Insulation       | Area                   | a. Electric                              | Cap: 50 gallons | EF: 0.96                |
| a. Slab-On-Grade Edge Insulation             | R=0.0            | 2660.1 ft <sup>2</sup> | b. Conservation features                 |                 |                         |
| b. N/A                                       | R=               | ft <sup>2</sup>        | None                                     |                 |                         |
| c. N/A                                       | R=               | ft <sup>2</sup>        | Credits (Performance method)             | None            |                         |



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: \_\_\_\_\_

\*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.

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**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

Florida Department of Business and Professional Regulation - Residential Performance Method

|                                                                                                                                                                 |                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Project Name: Williams Residence Columbia County FL<br>Street: Glen<br>City, State, Zip: Lake City, FL, 32025<br>Owner: Rick Tyre<br>Design Location: FL, Ocala | Builder Name:<br>Permit Office:<br>Permit Number:<br>Jurisdiction: 221200<br>County: Columbia (Florida Climate Zone 2) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|

| 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: 0<br>5. Is this a worst case?: No<br>6. Conditioned floor area above grade (ft²): 2660<br>Conditioned floor area below grade (ft²): 0<br>7. Windows (342.6 sqft.)<br><table style="width:100%;"> <tr> <th style="width:40%;">Description</th> <th style="width:60%;">Area</th> </tr> <tr> <td>a. U-Factor: Dbl, U=0.40<br/>SHGC: SHGC=0.25</td> <td>279.59 ft²</td> </tr> <tr> <td>b. U-Factor: Dbl, U=0.30<br/>SHGC: SHGC=0.25</td> <td>21.00 ft²</td> </tr> <tr> <td>c. U-Factor: Dbl, default<br/>SHGC: Clear, default</td> <td>42.00 ft²</td> </tr> <tr> <td>Area Weighted Average Overhang Depth:</td> <td>1.000 ft.</td> </tr> <tr> <td>Area Weighted Average SHGC:</td> <td>0.305</td> </tr> </table> 8. Skylights<br><table style="width:100%;"> <tr> <td style="width:40%;">c. U-Factor:(AVG): N/A<br/>SHGC(AVG): N/A</td> <td style="width:60%;">ft²</td> </tr> </table> 9. Floor Types<br><table style="width:100%;"> <tr> <th style="width:40%;">Insulation</th> <th style="width:60%;">Area</th> </tr> <tr> <td>a. Slab-On-Edge Insulation</td> <td>R=0.0 2660.1 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R= ft²</td> </tr> <tr> <td>c. N/A</td> <td>R= ft²</td> </tr> </table> | Description        | Area | a. U-Factor: Dbl, U=0.40<br>SHGC: SHGC=0.25 | 279.59 ft² | b. U-Factor: Dbl, U=0.30<br>SHGC: SHGC=0.25 | 21.00 ft² | c. U-Factor: Dbl, default<br>SHGC: Clear, default | 42.00 ft² | Area Weighted Average Overhang Depth: | 1.000 ft. | Area Weighted Average SHGC: | 0.305 | c. U-Factor:(AVG): N/A<br>SHGC(AVG): N/A | ft² | Insulation | Area | a. Slab-On-Edge Insulation | R=0.0 2660.1 ft² | b. N/A | R= ft² | c. N/A | R= ft² | 10. Wall Types (2817.5 sqft.)<br><table style="width:100%;"> <tr> <th style="width:40%;">Insulation</th> <th style="width:60%;">Area</th> </tr> <tr> <td>a. Concrete Block - Polystyrene Bead Agg R=30.8</td> <td>2270.00 ft²</td> </tr> <tr> <td>b. Frame - Wood, Adjacent</td> <td>R=13.0 547.50 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R= ft²</td> </tr> <tr> <td>d. N/A</td> <td>R= ft²</td> </tr> </table> 11. Ceiling Types (2660 sqft.)<br><table style="width:100%;"> <tr> <th style="width:40%;">Insulation</th> <th style="width:60%;">Area</th> </tr> <tr> <td>a. Under Attic (Vented)</td> <td>R=30.0 2660.10 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R= ft²</td> </tr> <tr> <td>c. N/A</td> <td>R= ft²</td> </tr> </table> 12. Ducts<br><table style="width:100%;"> <tr> <th style="width:40%;">R</th> <th style="width:60%;">ft²</th> </tr> <tr> <td>a. Sup: main, Ret: main, AH: Garage</td> <td>6 552</td> </tr> <tr> <td>b. Sup: Attic, Ret: Attic, AH: Attic</td> <td>6 282</td> </tr> </table> 13. Cooling systems<br><table style="width:100%;"> <tr> <th style="width:40%;">kBtu/hr</th> <th style="width:60%;">Efficiency</th> </tr> <tr> <td>a. Central Unit</td> <td>40.0 SEER:15.00</td> </tr> <tr> <td>b. Central Unit</td> <td>21.8 SEER:15.00</td> </tr> </table> 14. Heating systems<br><table style="width:100%;"> <tr> <th style="width:40%;">kBtu/hr</th> <th style="width:60%;">Efficiency</th> </tr> <tr> <td>a. Electric Heat Pump</td> <td>40.0 HSPF:8.50</td> </tr> <tr> <td>b. Electric Heat Pump</td> <td>21.8 HSPF:10.00</td> </tr> </table> 15. Hot water systems<br><table style="width:100%;"> <tr> <td style="width:40%;">a. Electric</td> <td style="width:60%;">Cap: 50 gallons</td> </tr> <tr> <td>b. Conservation features</td> <td>EF: 0.960</td> </tr> <tr> <td colspan="2">None</td> </tr> </table> 16. Credits: None | Insulation | Area | a. Concrete Block - Polystyrene Bead Agg R=30.8 | 2270.00 ft² | b. Frame - Wood, Adjacent | R=13.0 547.50 ft² | c. N/A | R= ft² | d. N/A | R= ft² | Insulation | Area | a. Under Attic (Vented) | R=30.0 2660.10 ft² | b. N/A | R= ft² | c. N/A | R= ft² | R | ft² | a. Sup: main, Ret: main, AH: Garage | 6 552 | b. Sup: Attic, Ret: Attic, AH: Attic | 6 282 | kBtu/hr | Efficiency | a. Central Unit | 40.0 SEER:15.00 | b. Central Unit | 21.8 SEER:15.00 | kBtu/hr | Efficiency | a. Electric Heat Pump | 40.0 HSPF:8.50 | b. Electric Heat Pump | 21.8 HSPF:10.00 | a. Electric | Cap: 50 gallons | b. Conservation features | EF: 0.960 | None |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------|---------------------------------------------|------------|---------------------------------------------|-----------|---------------------------------------------------|-----------|---------------------------------------|-----------|-----------------------------|-------|------------------------------------------|-----|------------|------|----------------------------|------------------|--------|--------|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|-------------------------------------------------|-------------|---------------------------|-------------------|--------|--------|--------|--------|------------|------|-------------------------|--------------------|--------|--------|--------|--------|---|-----|-------------------------------------|-------|--------------------------------------|-------|---------|------------|-----------------|-----------------|-----------------|-----------------|---------|------------|-----------------------|----------------|-----------------------|-----------------|-------------|-----------------|--------------------------|-----------|------|--|
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Area               |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. U-Factor: Dbl, U=0.40<br>SHGC: SHGC=0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 279.59 ft²         |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. U-Factor: Dbl, U=0.30<br>SHGC: SHGC=0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 21.00 ft²          |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| c. U-Factor: Dbl, default<br>SHGC: Clear, default                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42.00 ft²          |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| Area Weighted Average Overhang Depth:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.000 ft.          |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| Area Weighted Average SHGC:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.305              |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| c. U-Factor:(AVG): N/A<br>SHGC(AVG): N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ft²                |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Area               |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Slab-On-Edge Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | R=0.0 2660.1 ft²   |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R= ft²             |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| c. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R= ft²             |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Area               |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Concrete Block - Polystyrene Bead Agg R=30.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2270.00 ft²        |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. Frame - Wood, Adjacent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | R=13.0 547.50 ft²  |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| c. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R= ft²             |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| d. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R= ft²             |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Area               |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Under Attic (Vented)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | R=30.0 2660.10 ft² |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R= ft²             |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| c. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R= ft²             |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ft²                |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Sup: main, Ret: main, AH: Garage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6 552              |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. Sup: Attic, Ret: Attic, AH: Attic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6 282              |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| kBtu/hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Efficiency         |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Central Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40.0 SEER:15.00    |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. Central Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 21.8 SEER:15.00    |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| kBtu/hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Efficiency         |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Electric Heat Pump                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 40.0 HSPF:8.50     |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. Electric Heat Pump                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21.8 HSPF:10.00    |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| a. Electric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cap: 50 gallons    |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| b. Conservation features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EF: 0.960          |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |      |                                             |            |                                             |           |                                                   |           |                                       |           |                             |       |                                          |     |            |      |                            |                  |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |      |                                                 |             |                           |                   |        |        |        |        |            |      |                         |                    |        |        |        |        |   |     |                                     |       |                                      |       |         |            |                 |                 |                 |                 |         |            |                       |                |                       |                 |             |                 |                          |           |      |  |

|                         |                                      |      |
|-------------------------|--------------------------------------|------|
| Glass/Floor Area: 0.137 | Total Proposed Modified Loads: 52.08 | PASS |
|                         | Total Baseline Loads: 57.09          |      |

|                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.<br><br>PREPARED BY: <u>Craig C. Brooks</u><br>DATE: <u>February 3rd, 2022</u><br><br>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.<br><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>BUILDING OFFICIAL: _____<br>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).

## INPUT SUMMARY CHECKLIST REPORT

## PROJECT

|                |                    |                    |      |                    |                      |
|----------------|--------------------|--------------------|------|--------------------|----------------------|
| Title:         | Williams Residence | Bedrooms:          | 0    | Address Type:      | Street Address       |
| Building Type: | User               | Conditioned Area:  | 2503 | Lot #              |                      |
| Owner Name:    | Rick Tyre          | Total Stories:     | 1    | Block/Subdivision: |                      |
| # of Units:    | 1                  | Worst Case:        | No   | PlatBook:          |                      |
| Builder Name:  |                    | Rotate Angle:      | 0    | Street:            | Glen                 |
| Permit Office: |                    | Cross Ventilation: | No   | County:            | Columbia             |
| Jurisdiction:  | 221200 Detached    | Whole House Fan:   | No   | City, State, Zip:  | Glen                 |
| Family Type:   | New (From Plans)   |                    |      |                    | Lake City, FL, 32025 |
| New/Existing:  |                    |                    |      |                    |                      |
| Comment:       |                    |                    |      |                    |                      |

## CLIMATE

|       |                 |                     |                       |       |                           |        |                        |                    |                     |
|-------|-----------------|---------------------|-----------------------|-------|---------------------------|--------|------------------------|--------------------|---------------------|
| ✓     | Design Location | TMY Site            | Design Temp<br>97.5 % | 2.5 % | Int Design Temp<br>Winter | Summer | Heating<br>Degree Days | Design<br>Moisture | Daily Temp<br>Range |
| _____ | FL, Ocala       | FL_OCALA_MUNI_(AWO) | 28                    | 91    | 70                        | 75     | 1144.5                 | 51                 | Medium              |

## BLOCKS

| Number | Name             | Area | Volume |
|--------|------------------|------|--------|
| 1      | Main Living AC 1 | 1979 | 19795  |
| 2      | Mster Suite AC2  | 608  | 6803   |

## SPACES

| Number | Name   | Area | Volume | Kitchen | Occupants | Bedrooms | Infil ID | Finished | Cooled | Heated |
|--------|--------|------|--------|---------|-----------|----------|----------|----------|--------|--------|
| 1      | main   | 1979 | 19795  | No      | 2         |          | 1        | Yes      | Yes    | Yes    |
| 2      | master | 608  | 5803   | No      | 3         |          | 1        | Yes      | Yes    | Yes    |

## FLOORS

|       |   |                              |        |           |                   |           |               |      |      |        |
|-------|---|------------------------------|--------|-----------|-------------------|-----------|---------------|------|------|--------|
| ✓     | # | Floor Type                   | Space  | Perimeter | Perimeter R-Value | Area      | Joist R-Value | Tile | Wood | Carpet |
| _____ | 1 | Slab-On-Grade Edge Insulatio | main   | 158.8 ft  |                   | 19795 ft² | ----          | 0    | 0    | 1      |
| _____ | 2 | Slab-On-Grade Edge Insulatio | master | 86.8 ft   |                   | 607.8 ft² | ----          | 0    | 0    | 1      |

## ROOF

|       |   |      |                      |              |               |               |             |                 |              |                 |                 |                |                |
|-------|---|------|----------------------|--------------|---------------|---------------|-------------|-----------------|--------------|-----------------|-----------------|----------------|----------------|
| ✓     | # | Type | Materials            | Roof<br>Area | Gable<br>Area | Roof<br>Color | Rad<br>Barr | Solar<br>Absor. | SA<br>Tested | Emitt<br>Tested | Emitt<br>Tested | Deck<br>Insul. | Pitch<br>(deg) |
| _____ | 1 | Hip  | Composition shingles | 2758 ft²     | 0 ft²         | Medium        | N           | 0.85            | No           | 0.9             | No              | 0              | 18.43          |

## ATTIC

|       |   |            |             |                   |          |     |      |
|-------|---|------------|-------------|-------------------|----------|-----|------|
| ✓     | # | Type       | Ventilation | Vent Ratio (1 in) | Area     | RBS | IRCC |
| _____ | 1 | Full attic | Vented      | 300               | 2660 ft² | N   | N    |

## INPUT SUMMARY CHECKLIST REPORT

## CEILING

| ✓ | # | Ceiling Type         | Space  | R-Value | Ins Type | Area     | Framing Frac | Truss Type |
|---|---|----------------------|--------|---------|----------|----------|--------------|------------|
| ✓ | 1 | Under Attic (Vented) | main   | 30      | Blown    | 1796 ft² | 0.1          | Wood       |
| ✓ | 2 | Under Attic (Vented) | master | 30      | Blown    | 708 ft²  | 0.1          | Wood       |

## WALLS

| ✓ | #  | Ornt | Adjacent To | Wall Type                   | Space  | Cavity R-Value | Width Ft | In | Height Ft | In | Area      | Sheathing R-Value | Framing Fraction | Solar Absor. | Below Grade% |
|---|----|------|-------------|-----------------------------|--------|----------------|----------|----|-----------|----|-----------|-------------------|------------------|--------------|--------------|
| ✓ | 1  | N    | Exterior    | Concrete Block - Polystyren | main   | 30.81          | 43       | 0  | 10        | 0  | 430.0 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 2  | E    | Exterior    | Concrete Block - Polystyren | main   | 30.81          | 32       | 3  | 10        | 0  | 322.5 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 3  | S    | Exterior    | Concrete Block - Polystyren | main   | 30.81          | 10       | 6  | 10        | 0  | 105.0 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 4  | W    | Exterior    | Concrete Block - Polystyren | main   | 30.81          | 54       | 6  | 10        | 0  | 545.0 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 5  | E    | Garage      | Frame - Wood                | main   | 13             | 18       | 6  | 10        | 0  | 185.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 6  | S    | Garage      | Frame - Wood                | main   | 13             | 32       | 6  | 10        | 0  | 325.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 7  | E    | Garage      | Frame - Wood                | main   | 13             | 3        | 9  | 10        | 0  | 37.5 ft²  | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 8  | N    | Exterior    | Concrete Block - Polystyren | master | 30.81          | 12       | 0  | 10        | 0  | 120.0 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 9  | E    | Exterior    | Concrete Block - Polystyren | master | 30.81          | 17       | 0  | 10        | 0  | 170.0 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 10 | S    | Exterior    | Concrete Block - Polystyren | master | 30.81          | 44       | 6  | 10        | 0  | 445.0 ft² | 0                 | 0                | 0.8          | 0            |
| ✓ | 11 | W    | Exterior    | Concrete Block - Polystyren | master | 30.81          | 13       | 3  | 10        | 0  | 132.5 ft² | 0                 | 0                | 0.8          | 0            |

## WINDOWS

Orientation shown is the entered, Proposed orientation.

| ✓ | #  | Ornt | Wall ID | Frame | Panes          | NFRC | U-Factor | SHGC | Imp | Area     | Overhang Depth | Separation | Int Shade     | Screening  |
|---|----|------|---------|-------|----------------|------|----------|------|-----|----------|----------------|------------|---------------|------------|
| ✓ | 1  | N    | 1       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 14.8 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 2  | N    | 1       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 13.3 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 3  | E    | 2       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 28.5 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 4  | E    | 2       | None  | Double (Clear) | No   | 0.5      | 0.7  | N   | 42.0 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 5  | S    | 3       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 19.0 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 6  | W    | 4       | Metal | Low-E Double   | Yes  | 0.3      | 0.25 | N   | 21.0 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 7  | W    | 4       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 29.9 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 8  | W    | 4       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 51.7 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 9  | W    | 4       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 17.5 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 10 | E    | 9       | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 38.0 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 11 | S    | 10      | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 13.3 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 12 | S    | 10      | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 19.0 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |
| ✓ | 13 | W    | 11      | Metal | Low-E Double   | Yes  | 0.4      | 0.25 | N   | 34.7 ft² | 1 ft 0 in      | 1 ft 0 in  | Drapes/blinds | Exterior 5 |

## GARAGE

| ✓ | # | Floor Area | Ceiling Area | Exposed Wall Perimeter | Avg. Wall Height | Exposed Wall Insulation |
|---|---|------------|--------------|------------------------|------------------|-------------------------|
| ✓ | 1 | 290.95 ft² | 290.95 ft²   | 64 ft                  | 8 ft             | 1                       |

## INPUT SUMMARY CHECKLIST REPORT

## INFILTRATION

| # | Scope      | Method           | SLA     | CFM 50 | ELA    | EqLA   | ACH   | ACH 50 |
|---|------------|------------------|---------|--------|--------|--------|-------|--------|
| 1 | Wholehouse | Proposed ACH(50) | .000444 | 2920.2 | 160.21 | 300.77 | .1263 | 7      |

## HEATING SYSTEM

| <input checked="" type="checkbox"/> | # | System Type         | Subtype | Speed | Efficiency | Capacity     | Block | Ducts |
|-------------------------------------|---|---------------------|---------|-------|------------|--------------|-------|-------|
| <input type="checkbox"/>            | 1 | Electric Heat Pump/ | Split   | Singl | HSPF:8.5   | 40 kBtu/hr   | 1     | sys#1 |
| <input type="checkbox"/>            | 2 | Electric Heat Pump/ | Split   | Singl | HSPF:10    | 21.8 kBtu/hr | 2     | sys#2 |

## COOLING SYSTEM

| <input checked="" type="checkbox"/> | # | System Type   | Subtype | Subtype | Efficiency | Capacity     | Air Flow | SHR  | Block | Ducts |
|-------------------------------------|---|---------------|---------|---------|------------|--------------|----------|------|-------|-------|
| <input type="checkbox"/>            | 1 | Central Unit/ | Split   | Singl   | SEER: 15   | 40 kBtu/hr   | cfm      | 0.71 | 1     | sys#1 |
| <input type="checkbox"/>            | 2 | Central Unit/ | Split   | Singl   | SEER: 15   | 21.8 kBtu/hr | cfm      | 0.71 | 2     | sys#2 |

## HOT WATER SYSTEM

| <input checked="" type="checkbox"/> | # | System Type | SubType | Location | EF   | Cap    | Use      | SetPnt  | Conservation |
|-------------------------------------|---|-------------|---------|----------|------|--------|----------|---------|--------------|
| <input type="checkbox"/>            | 1 | Electric    | None    | Garage   | 0.96 | 50 gal | 60.9 gal | 120 deg | None         |

## SOLAR HOT WATER SYSTEM

| <input checked="" type="checkbox"/> | FSEC<br>Cert # | Company Name | System Model # | Collector Model # | Collector<br>Area | Storage<br>Volume | FEF |
|-------------------------------------|----------------|--------------|----------------|-------------------|-------------------|-------------------|-----|
| <input type="checkbox"/>            | None           | None         |                |                   | ft <sup>2</sup>   |                   |     |

## DUCTS

| <input checked="" type="checkbox"/> | # | ---- Supply ----            | ---- Return ----          | Leakage Type    | Air<br>Handler | CFM 25<br>TOT | CFM25<br>OUT | QN | RLF | HVAC #<br>Heat Cool |
|-------------------------------------|---|-----------------------------|---------------------------|-----------------|----------------|---------------|--------------|----|-----|---------------------|
| <input type="checkbox"/>            | 1 | main 6 552 ft <sup>2</sup>  | main 200 ft <sup>2</sup>  | Default Leakage | Garage         | (Default)     | (Default)    |    |     | 1 1                 |
| <input type="checkbox"/>            | 2 | Attic 6 282 ft <sup>2</sup> | Attic 182 ft <sup>2</sup> | Default Leakage | Attic          | (Default)     | (Default)    |    |     | 2 2                 |

## TEMPERATURES

| Programable Thermostat: N |                                     |     |                                     | Ceiling Fans: |                                     |     |                                     |     |                          |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |
|---------------------------|-------------------------------------|-----|-------------------------------------|---------------|-------------------------------------|-----|-------------------------------------|-----|--------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| Cooling                   | <input checked="" type="checkbox"/> | Jan | <input checked="" type="checkbox"/> | Feb           | <input checked="" 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 checked="" type="checkbox"/> | Nov | <input checked="" type="checkbox"/> | Dec |
| Heating                   | <input checked="" type="checkbox"/> | Jan | <input checked="" type="checkbox"/> | Feb           | <input checked="" type="checkbox"/> | Mar | <input type="checkbox"/>            | Apr | <input type="checkbox"/> | May | <input type="checkbox"/>            | Jun | <input type="checkbox"/>            | Jul | <input type="checkbox"/>            | Aug | <input type="checkbox"/>            | Sep | <input type="checkbox"/>            | Oct | <input type="checkbox"/>            | Nov | <input type="checkbox"/>            | Dec |
| Venting                   | <input checked="" type="checkbox"/> | Jan | <input checked="" type="checkbox"/> | Feb           | <input checked="" type="checkbox"/> | Mar | <input checked="" type="checkbox"/> | Apr | <input type="checkbox"/> | May | <input type="checkbox"/>            | Jun | <input type="checkbox"/>            | Jul | <input type="checkbox"/>            | Aug | <input type="checkbox"/>            | Sep | <input checked="" type="checkbox"/> | Oct | <input checked="" type="checkbox"/> | Nov | <input checked="" type="checkbox"/> | Dec |

## INPUT SUMMARY CHECKLIST REPORT

| Thermostat Schedule: HERS 2006 Reference |    | Hours             |    |           |    |                    |    |        |    |    |    |    |    |
|------------------------------------------|----|-------------------|----|-----------|----|--------------------|----|--------|----|----|----|----|----|
| Schedule Type                            |    | 1                 | 2  | 3         | 4  | 5                  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| Cooling (WD)                             | AM | 78                | 78 | 78        | 78 | 78                 | 78 | 78     | 78 | 80 | 80 | 80 | 80 |
|                                          | PM | 80                | 80 | 80        | 80 | 78                 | 78 | 78     | 78 | 78 | 78 | 78 | 78 |
| Cooling (WEH)                            | AM | 78                | 78 | 78        | 78 | 78                 | 78 | 78     | 78 | 80 | 80 | 80 | 80 |
|                                          | PM | 80                | 80 | 80        | 80 | 78                 | 78 | 78     | 78 | 78 | 78 | 78 | 78 |
| Heating (WD)                             | AM | 65                | 65 | 65        | 65 | 65                 | 65 | 65     | 68 | 68 | 68 | 68 | 68 |
|                                          | PM | 68                | 68 | 68        | 68 | 68                 | 68 | 68     | 68 | 68 | 68 | 68 | 68 |
| Heating (WEH)                            | AM | 65                | 65 | 65        | 65 | 65                 | 65 | 65     | 68 | 68 | 68 | 68 | 68 |
|                                          | PM | 68                | 68 | 68        | 68 | 68                 | 68 | 68     | 68 | 68 | 68 | 68 | 68 |
| MASS                                     |    |                   |    |           |    |                    |    |        |    |    |    |    |    |
| Mass Type                                |    | Area              |    | Thickness |    | Furniture Fraction |    | Space  |    |    |    |    |    |
| Default(8 lbs/sq.ft.                     |    | 0 ft <sup>2</sup> |    | 0 ft      |    | 0.3                |    | main   |    |    |    |    |    |
| Default(8 lbs/sq.ft.                     |    | ft <sup>2</sup>   |    | ft        |    | 0.3                |    | master |    |    |    |    |    |