

**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Rodney Wade- Ruark  
 Street: Rodney Wade- Ruark  
 City, State, Zip: Ft. White, FL,  
 Owner: Rodney Wade- Ruark  
 Design Location: FL, Gainesville

Builder Name: Spann's Heating and Air INC.  
 Permit Office:  
 Permit Number:  
 Jurisdiction:  
 County: Columbia (Florida Climate Zone 2)

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| 1. New construction or existing                          | New (From Plans)                   |
| 2. Single family or multiple family                      | Detached                           |
| 3. Number of units, if multiple family                   | 1                                  |
| 4. Number of Bedrooms                                    | 0                                  |
| 5. Is this a worst case?                                 | No                                 |
| 6. Conditioned floor area above grade (ft <sup>2</sup> ) | 1629                               |
| Conditioned floor area below grade (ft <sup>2</sup> )    | 0                                  |
| 7. Windows (121.5 sqft.)                                 | Description Area                   |
| a. U-Factor:                                             | Dbl, U=0.40 121.50 ft <sup>2</sup> |
| SHGC:                                                    | SHGC=0.20                          |
| b. U-Factor:                                             | N/A ft <sup>2</sup>                |
| SHGC:                                                    |                                    |
| c. U-Factor:                                             | N/A ft <sup>2</sup>                |
| SHGC:                                                    |                                    |
| Area Weighted Average Overhang Depth:                    | 1.000 ft.                          |
| Area Weighted Average SHGC:                              | 0.200                              |
| 8. Skylights                                             | Area                               |
| c. U-Factor:(AVG)                                        | N/A ft <sup>2</sup>                |
| SHGC(AVG):                                               | N/A                                |
| 9. Floor Types (1628.3 sqft.)                            | Insulation Area                    |
| a. Slab-On-Grade Edge Insulation                         | R=0.0 1628.30 ft <sup>2</sup>      |
| b. N/A                                                   | R= ft <sup>2</sup>                 |
| c. N/A                                                   | R= ft <sup>2</sup>                 |

|                                        |                                |
|----------------------------------------|--------------------------------|
| 10. Wall Type (1587.0 sqft.)           | Insulation Area                |
| a. Frame - Wood, Exterior              | R=13.0 1587.00 ft <sup>2</sup> |
| b. N/A                                 | R= ft <sup>2</sup>             |
| c. N/A                                 | R= ft <sup>2</sup>             |
| d. N/A                                 | R= ft <sup>2</sup>             |
| 11. Ceiling Types (1629.0 sqft.)       | Insulation Area                |
| a. Under Attic (Vented)                | R=38.0 1629.00 ft <sup>2</sup> |
| b. N/A                                 | R= ft <sup>2</sup>             |
| c. N/A                                 | R= ft <sup>2</sup>             |
| 12. Ducts                              | R ft <sup>2</sup>              |
| a. Sup: Attic, Ret: Attic, AH: Laundry | 6 120                          |
| 13. Cooling systems                    | kBtu/hr Efficiency             |
| a. Central Unit                        | 36.0 SEER:14.00                |
| 14. Heating systems                    | kBtu/hr Efficiency             |
| a. Electric Heat Pump                  | 36.0 HSPF:8.50                 |
| 15. Hot water systems                  |                                |
| a. Propane                             | Cap: 40 gallons                |
|                                        | EF: 0.650                      |
| b. Conservation features               |                                |
| None                                   |                                |
| 16. Credits                            | None                           |

Glass/Floor Area: 0.075

Total Proposed Modified Loads: 32.59

Total Baseline Loads: 38.22

**PASS**

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

PREPARED BY: T. S.DATE: 6-3-2021

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

OWNER/AGENT: J. S.DATE: 6-4-21

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: \_\_\_\_\_

DATE: \_\_\_\_\_

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).
- Compliance with a proposed duct leakage Qn requires a Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.010 Qn for whole house.

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX\* = 85

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

Rodney Wade- Ruark, Ft. White, FL,

|                                              |                  |                                        |                 |                         |
|----------------------------------------------|------------------|----------------------------------------|-----------------|-------------------------|
| 1. New construction or existing              | New (From Plans) | 10. Wall Type and Insulation           | Insulation      | Area                    |
| 2. Single family or multiple family          | Detached         | a. Frame - Wood, Exterior              | R=13.0          | 1587.00 ft <sup>2</sup> |
| 3. Number of units, if multiple family       | 1                | b. N/A                                 | R=              | 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> ) | 1629             | 11. Ceiling Type and insulation level  | Insulation      | Area                    |
| 7. Windows**                                 | Description      | a. Under Attic (Vented)                | R=38.0          | 1629.00 ft <sup>2</sup> |
| a. U-Factor:                                 | Dbl, U=0.40      | b. N/A                                 | R=              | ft <sup>2</sup>         |
| SHGC:                                        | SHGC=0.20        | c. N/A                                 | R=              | ft <sup>2</sup>         |
| b. U-Factor:                                 | N/A              | 12. Ducts, location & insulation level | R               | ft <sup>2</sup>         |
| SHGC:                                        |                  | a. Sup: Attic, Ret: Attic, AH: Laundry | 6               | 120                     |
| c. U-Factor:                                 | N/A              | 13. Cooling systems                    | kBtu/hr         | Efficiency              |
| SHGC:                                        |                  | a. Central Unit                        | 36.0            | SEER:14.00              |
| d. U-Factor:                                 | N/A              | 14. Heating systems                    | kBtu/hr         | Efficiency              |
| SHGC:                                        |                  | a. Electric Heat Pump                  | 36.0            | HSPF:8.50               |
| Area Weighted Average Overhang Depth:        | 1.000 ft.        | 15. Hot water systems                  |                 |                         |
| Area Weighted Average SHGC:                  | 0.200            | a. Propane                             | Cap: 40 gallons |                         |
| 8. Skylights                                 | Description      |                                        | EF: 0.65        |                         |
| a. U-Factor(AVG):                            | N/A              | b. Conservation features               |                 |                         |
| SHGC(AVG):                                   | N/A              | None                                   |                 |                         |
| 9. Floor Types                               | Insulation       | Credits (Performance method)           |                 | None                    |
| a. Slab-On-Grade Edge Insulation             | R=0.0            |                                        |                 |                         |
| b. N/A                                       | R=               |                                        |                 |                         |
| c. N/A                                       | R=               |                                        |                 |                         |

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: [Signature] Date: 6-4-21  
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.



## INPUT SUMMARY CHECKLIST REPORT

## PROJECT

|                |                              |                    |      |                    |                     |
|----------------|------------------------------|--------------------|------|--------------------|---------------------|
| Title:         | Rodney Wade- Ruark           | Bedrooms:          | 0    | Address Type:      | Street Address      |
| Building Type: | User                         | Conditioned Area:  | 1629 | Lot #              |                     |
| Owner Name:    | Rodney Wade- Ruark           | Total Stories:     | 1    | Block/Subdivision: |                     |
| # of Units:    | 1                            | Worst Case:        | No   | PlatBook:          |                     |
| Builder Name:  | Spann's Heating and Air INC. | Rotate Angle:      | 0    | Street:            | Rodney Wade- Ruark  |
| Permit Office: |                              | Cross Ventilation: | No   | County:            | Columbia            |
| Jurisdiction:  |                              | Whole House Fan:   | No   | City, State, Zip:  | Ft. White ,<br>FL , |
| Family Type:   | Detached                     |                    |      |                    |                     |
| New/Existing:  | New (From Plans)             |                    |      |                    |                     |
| 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, Gainesville | FL_GAINESVILLE_REGI | 32                    | 92    | 70                        | 75     | 1305.5                 | 51                 | Medium              |

## BLOCKS

| Number | Name         | Area | Volume |
|--------|--------------|------|--------|
| 1      | Entire House | 1629 | 16932  |

## SPACES

| Number | Name           | Area | Volume | Kitchen | Occupants | Bedrooms | Infil ID | Finished | Cooled | Heated |
|--------|----------------|------|--------|---------|-----------|----------|----------|----------|--------|--------|
| 1      | Laundry        | 96   | 864    | No      | 0         |          | 1        | Yes      | Yes    | Yes    |
| 2      | Master Bath    | 77   | 689    | No      | 0         |          | 1        | Yes      | Yes    | Yes    |
| 3      | Master Bedroom | 223  | 2005   | No      | 2         |          | 1        | Yes      | Yes    | Yes    |
| 4      | Closet         | 47   | 421    | No      | 0         |          | 1        | No       | Yes    | Yes    |
| 5      | Dining         | 211  | 2535   | No      | 0         |          | 1        | Yes      | Yes    | Yes    |
| 6      | Kitchen        | 257  | 3087   | No      | 0         |          | 1        | Yes      | Yes    | Yes    |
| 7      | Bedroom 2      | 177  | 1591   | No      | 2         |          | 1        | Yes      | Yes    | Yes    |
| 8      | Bath 2         | 57   | 513    | No      | 0         |          | 1        | Yes      | Yes    | Yes    |
| 9      | Bedroom 3      | 195  | 1755   | No      | 2         |          | 1        | Yes      | Yes    | Yes    |
| 10     | Great Room     | 289  | 3465   | No      | 0         |          | 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 | Laundry        | 20 ft     | 0                 | 96 ft²    | ----          | 0    | 1    | 0      |
| _____ | 2 | Slab-On-Grade Edge Insulatio | Master Bath    | 8.5 ft    | 0                 | 76.5 ft²  | ----          | 0    | 1    | 0      |
| _____ | 3 | Slab-On-Grade Edge Insulatio | Master Bedroom | 30 ft     | 0                 | 222.8 ft² | ----          | 0    | 1    | 0      |
| _____ | 4 | Slab-On-Grade Edge Insulatio | Closet         | 1 ft      | 0                 | 46.8 ft²  | ----          | 0    | 1    | 0      |
| _____ | 5 | Slab-On-Grade Edge Insulatio | Dining         | 13 ft     | 0                 | 211.3 ft² | ----          | 0    | 1    | 0      |
| _____ | 6 | Slab-On-Grade Edge Insulatio | Kitchen        | 12.5 ft   | 0                 | 257.3 ft² | ----          | 0    | 1    | 0      |
| _____ | 7 | Slab-On-Grade Edge Insulatio | Bedroom 2      | 26.5 ft   | 0                 | 176.8 ft² | ----          | 0    | 1    | 0      |

## INPUT SUMMARY CHECKLIST REPORT

## FLOORS

| ✓ | #  | Floor Type                   | Space      | Perimeter | Perimeter R-Value | Area      | Joist R-Value | Tile | Wood | Carpet |
|---|----|------------------------------|------------|-----------|-------------------|-----------|---------------|------|------|--------|
| ✓ | 8  | Slab-On-Grade Edge Insulatio | Bath 2     | 6 ft      | 0                 | 57 ft²    | ---           | 0    | 1    | 0      |
| ✓ | 9  | Slab-On-Grade Edge Insulatio | Bedroom 3  | 28 ft     | 0                 | 195 ft²   | ---           | 0    | 1    | 0      |
| ✓ | 10 | Slab-On-Grade Edge Insulatio | Great Room | 17.5 ft   | 0                 | 288.8 ft² | ---           | 0    | 1    | 0      |

## ROOF

| ✓ | # | Type          | Materials | Roof Area | Gable Area | Roof Color | Rad Barr | Solar Absor. | SA Tested | Emitt Tested | Emitt Insul. | Deck Insul. | Pitch (deg) |
|---|---|---------------|-----------|-----------|------------|------------|----------|--------------|-----------|--------------|--------------|-------------|-------------|
| ✓ | 1 | Gable or Shed | Metal     | 1716 ft²  | 272 ft²    | Unfinishe  | N        | 0.35         | No        | 0.4          | No           | 0           | 18.43       |

## ATTIC

| ✓ | # | Type       | Ventilation | Vent Ratio (1 in) | Area     | RBS | IRCC |
|---|---|------------|-------------|-------------------|----------|-----|------|
| ✓ | 1 | Full attic | Vented      | 300               | 1628 ft² | N   | N    |

## CEILING

| ✓ | #  | Ceiling Type         | Space          | R-Value | Ins Type | Area    | Framing Frac | Truss Type |
|---|----|----------------------|----------------|---------|----------|---------|--------------|------------|
| ✓ | 1  | Under Attic (Vented) | Laundry        | 38      | Blown    | 96 ft²  | 0.1          | Wood       |
| ✓ | 2  | Under Attic (Vented) | Master Bath    | 38      | Blown    | 77 ft²  | 0.1          | Wood       |
| ✓ | 3  | Under Attic (Vented) | Master Bedroom | 38      | Blown    | 223 ft² | 0.1          | Wood       |
| ✓ | 4  | Under Attic (Vented) | Closet         | 38      | Blown    | 47 ft²  | 0.1          | Wood       |
| ✓ | 5  | Under Attic (Vented) | Dining         | 38      | Blown    | 211 ft² | 0.1          | Wood       |
| ✓ | 6  | Under Attic (Vented) | Kitchen        | 38      | Blown    | 257 ft² | 0.1          | Wood       |
| ✓ | 7  | Under Attic (Vented) | Bedroom 2      | 38      | Blown    | 177 ft² | 0.1          | Wood       |
| ✓ | 8  | Under Attic (Vented) | Bath 2         | 38      | Blown    | 57 ft²  | 0.1          | Wood       |
| ✓ | 9  | Under Attic (Vented) | Bedroom 3      | 38      | Blown    | 195 ft² | 0.1          | Wood       |
| ✓ | 10 | Under Attic (Vented) | Great Room     | 38      | Blown    | 289 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    | Frame - Wood | Laundry      | 13             | 8        | 0  | 9         | 0  | 72.0 ft²  | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 2  | W    | Exterior    | Frame - Wood | Laundry      | 13             | 12       | 0  | 9         | 0  | 108.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 3  | W    | Exterior    | Frame - Wood | Master Bath  | 13             | 8        | 6  | 9         | 0  | 76.5 ft²  | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 4  | S    | Exterior    | Frame - Wood | Master Bedro | 13             | 13       | 6  | 9         | 0  | 121.5 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 5  | W    | Exterior    | Frame - Wood | Master Bedro | 13             | 16       | 6  | 9         | 0  | 148.5 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 6  | N    | Exterior    | Frame - Wood | Dining       | 13             | 13       | 0  | 12        | 0  | 156.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 7  | N    | Exterior    | Frame - Wood | Kitchen      | 13             | 12       | 6  | 12        | 0  | 150.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 8  | N    | Exterior    | Frame - Wood | Bedroom 2    | 13             | 10       | 6  | 9         | 0  | 94.5 ft²  | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 9  | E    | Exterior    | Frame - Wood | Bedroom 2    | 13             | 16       | 0  | 9         | 0  | 144.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 10 | E    | Exterior    | Frame - Wood | Bath 2       | 13             | 6        | 0  | 9         | 0  | 54.0 ft²  | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 11 | E    | Exterior    | Frame - Wood | Bedroom 3    | 13             | 15       | 0  | 9         | 0  | 135.0 ft² | 0                 | 0.25             | 0.8          | 0            |
| ✓ | 12 | S    | Exterior    | Frame - Wood | Bedroom 3    | 13             | 13       | 0  | 9         | 0  | 117.0 ft² | 0                 | 0.25             | 0.8          | 0            |



## INPUT SUMMARY CHECKLIST REPORT

## WALLS

| ✓ | #  | Omt | Adjacent To | Wall Type    | Space      | Cavity R-Value | Width Ft | In | Height Ft | In | Area      | Sheathing R-Value | Framing Fraction | Solar Absor | Below Grade% |
|---|----|-----|-------------|--------------|------------|----------------|----------|----|-----------|----|-----------|-------------------|------------------|-------------|--------------|
| ✓ | 13 | S   | Exterior    | Frame - Wood | Great Room | 13             | 17       | 6  | 12        | 0  | 210.0 ft² | 0                 | 0.25             | 0.8         | 0            |

## DOORS

| ✓ | # | Omt | Door Type | Space      | Storms | U-Value | Width Ft | In | Height Ft | In | Area   |
|---|---|-----|-----------|------------|--------|---------|----------|----|-----------|----|--------|
| ✓ | 1 | N   | Insulated | Laundry    | None   | .4      | 3        |    | 7         |    | 21 ft² |
| ✓ | 2 | S   | Insulated | Great Room | None   | .4      | 3        |    | 7         |    | 21 ft² |

## WINDOWS

Orientation shown is the entered, Proposed orientation.

| ✓ | #  | Omt | Wall ID | Frame | Panes          | NFRC | U-Factor | SHGC | Imp | Area     | Overhang Depth | Separation | Int Shade | Screening |
|---|----|-----|---------|-------|----------------|------|----------|------|-----|----------|----------------|------------|-----------|-----------|
| ✓ | 1  | W   | 3       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 4.5 ft²  | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 2  | S   | 4       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 12.0 ft² | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 3  | W   | 5       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 9.0 ft²  | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 4  | N   | 6       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 24.0 ft² | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 5  | N   | 7       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 9.0 ft²  | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 6  | N   | 8       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 12.0 ft² | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 7  | E   | 9       | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 7.5 ft²  | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 8  | E   | 11      | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 7.5 ft²  | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 9  | S   | 12      | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 12.0 ft² | 1 ft 0 in      | 1 ft 0 in  | None      | None      |
| ✓ | 10 | S   | 13      | Vinyl | Double (Clear) | Yes  | 0.4      | 0.2  | N   | 24.0 ft² | 1 ft 0 in      | 1 ft 0 in  | None      | None      |

## INFILTRATION

| # | Scope      | Method           | SLA     | CFM 50 | ELA    | EqLA   | ACH   | ACH 50 |
|---|------------|------------------|---------|--------|--------|--------|-------|--------|
| 1 | Wholehouse | Proposed ACH(50) | .000462 | 1974.6 | 108.33 | 203.38 | .1523 | 7      |

## HEATING SYSTEM

| ✓ | # | System Type         | Subtype | Speed | Efficiency | Capacity   | Block | Ducts |
|---|---|---------------------|---------|-------|------------|------------|-------|-------|
| ✓ | 1 | Electric Heat Pump/ | Split   | Singl | HSPF:8.5   | 36 kBtu/hr | 1     | sys#1 |

## COOLING SYSTEM

| ✓ | # | System Type   | Subtype | Subtype | Efficiency | Capacity   | Air Flow | SHR | Block | Ducts |
|---|---|---------------|---------|---------|------------|------------|----------|-----|-------|-------|
| ✓ | 1 | Central Unit/ | Split   | Singl   | SEER: 14   | 36 kBtu/hr | 1080 cfm | 0.7 | 1     | sys#1 |

## HOT WATER SYSTEM

| ✓ | # | System Type | SubType | Location | EF   | Cap    | Use    | SetPnt  | Conservation |
|---|---|-------------|---------|----------|------|--------|--------|---------|--------------|
| ✓ | 1 | Propane     | None    | Laundry  | 0.65 | 40 gal | 60 gal | 120 deg | None         |

## INPUT SUMMARY CHECKLIST REPORT

## SOLAR HOT WATER SYSTEM

|       |                |              |                |                   |                   |                   |     |
|-------|----------------|--------------|----------------|-------------------|-------------------|-------------------|-----|
| ✓     | FSEC<br>Cert # | Company Name | System Model # | Collector Model # | Collector<br>Area | Storage<br>Volume | FEF |
| _____ | None           | None         |                |                   | ft²               |                   |     |

## DUCTS

|       |   |          |                           |         |                            |         |              |                |               |              |      |      |                |      |
|-------|---|----------|---------------------------|---------|----------------------------|---------|--------------|----------------|---------------|--------------|------|------|----------------|------|
| ✓     | # | Location | --- Supply ---<br>R-Value | Area    | --- Return ---<br>Location | Area    | Leakage Type | Air<br>Handler | CFM 25<br>TOT | CFM25<br>OUT | QN   | RLF  | HVAC #<br>Heat | Cool |
| _____ | 1 | Attic    | 6                         | 120 ft² | Attic                      | 120 ft² | Proposed Qn  | Laundry        | --- cfm       | 16.3 cfm     | 0.01 | 0.50 | 1              | 1    |

## 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 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 |  |
| Venting                   | <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 |  |

|                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|--|--|--|--|--|--|--|--|--|--|
| 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 | 78 | 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 | 78 | 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 ft² | 0 ft      | 0.3                | Laundry        |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Master Bath    |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Master Bedroom |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Closet         |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Dining         |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Kitchen        |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Bedroom 2      |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Bath 2         |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Bedroom 3      |
| Default(8 lbs/sq.ft.) | ft²   | ft        | 0.3                | Great Room     |