

20

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Business and Professional Regulation - Residential Performance Method

|                                  |  |
|----------------------------------|--|
| Project Name: Tuell Residence    | Builder Name:                            |
| Street:                          | Permit Office:                           |
| City, State, Zip: , FL,          | Permit Number:                           |
| Owner:                           | Jurisdiction:                            |
| Design Location: FL, Gainesville | County: Columbia(Florida Climate Zone 2) |

|  |             |  |            |                        |
|--|-------------|--|------------|------------------------|
| 1. New construction or existing                          | Addition    | 10. Wall Types(690.7 sqft.)            | Insulation | Area                   |
| 2. Single family or multiple family                      | Detached    | a. Frame - Wood, Exterior              | R=13.0     | 690.67 ft <sup>2</sup> |
| 3. Number of units, if multiple family                   | 1           | b. N/A                                 |            |                        |
| 4. Number of Bedrooms                                    | 1           | c. N/A                                 |            |                        |
| 5. Is this a worst case?                                 | No          | d. N/A                                 |            |                        |
| 6. Conditioned floor area above grade (ft <sup>2</sup> ) | 617         | 11. Ceiling Types(617.0 sqft.)         | Insulation | Area                   |
| Conditioned floor area below grade (ft <sup>2</sup> )    | 0           | a. Flat ceiling under att (Vented)     | R=30.0     | 617.00 ft <sup>2</sup> |
| 7. Windows(81.7 sqft.)                                   | Description | b. N/A                                 |            |                        |
| a. U-Factor:   | DbI, U=0.26 | c. N/A                                 |            |                        |
| SHGC:  | SHGC=0.20   | 12. Roof(Metal, Vented)                | Deck R=0.0 | 714 ft <sup>2</sup>    |
| b. U-Factor:   | N/A         | 13. Ducts, location & insulation level | R          | ft <sup>2</sup>        |
| SHGC:  |             | a.                                     |            |                        |
| c. U-Factor:   | N/A         | b.                                     |            |                        |
| SHGC:  |             | c.                                     |            |                        |
| Area Weighted Average Overhang Depth:                    | 1.500 ft    | 14. Cooling Systems                    | kBtu/hr    | Efficiency             |
| Area Weighted Average SHGC:                              | 0.200       | a. Central Unit                        | 12.0       | SEER:21.00             |
| 8. Skylights   | Description | Area                                   |            |                        |
| U-Factor:(AVG)   | N/A         | N/A ft <sup>2</sup>                    |            |                        |
| SHGC(AVG):   | N/A         | 15. Heating Systems                    | kBtu/hr    | Efficiency             |
| 9. Floor Types   | Insulation  | Area                                   |            |                        |
| a. Raised Floor  | R= 0.0      | 617.00 ft <sup>2</sup>                 |            |                        |
| b. N/A   | R=          | ft <sup>2</sup>                        |            |                        |
| c. N/A   | R=          | ft <sup>2</sup>                        |            |                        |
|  |             | 16. Hot Water Systems - None required  |            |                        |
|  |             | a. N/A                                 |            | N/A                    |
|  |             | b. Conservation features               |            |                        |
|  |             | 17. Credits                            |            | CF, Pstat              |

Glass/Floor Area: 0.132      Total Proposed Modified Loads: 20.42  
 Total Baseline Loads: 23.65

### PASS

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

PREPARED BY: [Signature]

DATE: 7-21-23

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

OWNER/AGENT: \_\_\_\_\_

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.

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.
- Proposed Qn of NAN exceeds the performance method default limit of 0.08 and therefore does not require duct testing. R405 .2.3
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 4.89 ACH50 (R402.4.1.2).

# INPUT SUMMARY CHECKLIST REPORT

## PROJECT

|                  |                 |                    |       |                    |                |
|------------------|-----------------|--------------------|-------|--------------------|----------------|
| Title:           | Tuell Residence | Bedrooms:          | 1     | Address type:      | Street Address |
| Building Type:   | User            | Conditioned Area:  | 617   | Lot #:             | ---            |
| Owner:           |                 | Total Stories:     | 1     | Block/SubDivision: | ---            |
| Builder Home ID: |                 | Worst Case:        | No    | PlatBook:          | ---            |
| Builder Name:    |                 | Rotate Angle:      | 0     | Street:            |                |
| Permit Office:   |                 | Cross Ventilation: |       | County:            | Columbia       |
| Jurisdiction:    |                 | Whole House Fan:   |       | City, State, Zip:  | , FL,          |
| Family Type:     | Detached        | Terrain:           | Urban |                    |                |
| New/Existing:    | Addition        | Shielding:         | Urban |                    |                |
| Year Construct:  | 2023            |                    |       |                    |                |
| 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_REGIONA | 32 92                     | 70 75                            | 1305.5                 | 51                 | Medium              |

## BLOCKS

| ✓ Number | Name   | Area | Volume     |
|----------|--------|------|------------|
| ___ 1    | Block1 | 617  | 4936 cu ft |

## SPACES

| ✓ Number | Name     | Area | Volume | Kitchen | Occupants | Bedrooms | Finished | Cooled | Heated |
|----------|----------|------|--------|---------|-----------|----------|----------|--------|--------|
| ___ 1    | Addition | 617  | 4936   | No      | 2         | 1        | Yes      | Yes    | Yes    |

## FLOORS (Total Exposed Area = 617 sq.ft.)

| ✓ #   | Floor Type   | Space    | Exposed Perim | Perimeter R-Value | Area   | U-Factor | Joist R-Value | Tile | Wood | Carpet |
|-------|--------------|----------|---------------|-------------------|--------|----------|---------------|------|------|--------|
| ___ 1 | Raised Floor | Addition | ---           | ---               | 617 ft | 0.240    | 0             | 0.10 | 0.10 | 0.80   |

## ROOF

| ✓ #   | Type          | Materials | Roof Area           | Gable Area          | Roof Color | Rad Barr | Solar Absor. | SA Tested | Emitt | Emitt Tested | Deck Insul. | Pitch (deg) |
|-------|---------------|-----------|---------------------|---------------------|------------|----------|--------------|-----------|-------|--------------|-------------|-------------|
| ___ 1 | Gable or shed | Metal     | 714 ft <sup>2</sup> | 180 ft <sup>2</sup> | Medium     | N        | 0.75         | No        | 0.9   | No           | 0           | 30.26       |

## ATTIC

| ✓ #   | Type       | Ventilation | Vent Ratio (1 in) | Area                | RBS | IRCC |
|-------|------------|-------------|-------------------|---------------------|-----|------|
| ___ 1 | Full attic | Vented      | 300               | 617 ft <sup>2</sup> | N   | N    |

## CEILING (Total Exposed Area = 617 sq.ft.)

| ✓ #   | Ceiling Type                     | Space    | R-Value | Ins. Type | Area                 | U-Factor | Framing Frac. | Truss Type |
|-------|----------------------------------|----------|---------|-----------|----------------------|----------|---------------|------------|
| ___ 1 | Flat ceiling under attic(Vented) | Addition | 30.0    | Blown     | 617.0ft <sup>2</sup> | 0.053    | 0.11          | Wood       |

# INPUT SUMMARY CHECKLIST REPORT

## WALLS

(Total Exposed Area = 691 sq.ft.)

| ✓ #   | Omt | Adjacent To | Wall Type    | Space    | Cavity R-Value | Width Ft In | Height Ft In | Area sq.ft. | U-Factor | Sheath R-Value | Frm. Frac. | Solar Absor. | Below Grade |
|-------|-----|-------------|--------------|----------|----------------|-------------|--------------|-------------|----------|----------------|------------|--------------|-------------|
| ___ 1 | W   | Exterior    | Frame - Wood | Addition | 13.0           | 10.0 0      | 8.0 0        | 80.0        | 0.094    |                | 0.23       | 0.75         | 0 %         |
| ___ 2 | N   | Exterior    | Frame - Wood | Addition | 13.0           | 29.0 4      | 8.0 0        | 234.7       | 0.094    |                | 0.23       | 0.75         | 0 %         |
| ___ 3 | W   | Exterior    | Frame - Wood | Addition | 13.0           | 8.0 0       | 8.0 0        | 64.0        | 0.094    |                | 0.23       | 0.75         | 0 %         |
| ___ 4 | N   | Exterior    | Frame - Wood | Addition | 13.0           | 8.0 8       | 8.0 0        | 69.3        | 0.094    |                | 0.23       | 0.75         | 0 %         |
| ___ 5 | E   | Exterior    | Frame - Wood | Addition | 13.0           | 30.0 4      | 8.0 0        | 242.7       | 0.094    |                | 0.23       | 0.75         | 0 %         |

## DOORS

(Total Exposed Area = 40 sq.ft.)

| ✓ #   | Omt | Adjacent To | Door Type | Space    | Storms | U-Value | Width Ft In | Height Ft In | Area    |
|-------|-----|-------------|-----------|----------|--------|---------|-------------|--------------|---------|
| ___ 1 | N   | Exterior    | Insulated | Addition | None   | 0.40    | 3.00 0      | 6.00 8       | 20.0ft² |
| ___ 2 | N   | Exterior    | Insulated | Addition | None   | 0.40    | 3.00 0      | 6.00 8       | 20.0ft² |

## WINDOWS

(Total Exposed Area = 82 sq.ft.)

| ✓ #   | Omt | Wall ID | Frame | Panes        | NFRC U-Factor | SHGC | Imp | Storm | Total Area (ft²) | Same Units | Width (ft) | Height (ft) | --Overhang-- Depth (ft) Sep. (ft) | Interior Shade | Screen |
|-------|-----|---------|-------|--------------|---------------|------|-----|-------|------------------|------------|------------|-------------|-----------------------------------|----------------|--------|
| ___ 1 | W   | 1       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 15.0             | 1          | 3.00       | 5.00        | 1.5 2.3                           | None           | None   |
| ___ 2 | N   | 2       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 15.0             | 1          | 3.00       | 5.00        | 1.5 2.3                           | None           | None   |
| ___ 3 | N   | 2       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 6.7              | 1          | 1.00       | 6.67        | 1.5 2.3                           | None           | None   |
| ___ 4 | W   | 3       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 6.0              | 1          | 2.00       | 3.00        | 1.5 2.3                           | None           | None   |
| ___ 5 | N   | 4       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 6.0              | 1          | 2.00       | 3.00        | 1.5 2.3                           | None           | None   |
| ___ 6 | E   | 5       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 3.0              | 1          | 3.00       | 1.00        | 1.5 2.3                           | None           | None   |
| ___ 7 | E   | 5       | Vinyl | Low-E Double | Y 0.26        | 0.20 | N   | N     | 30.0             | 2          | 3.00       | 5.00        | 1.5 2.3                           | None           | None   |

## INFILTRATION

| ✓ #   | Scope      | Method           | SLA     | CFM50 | ELA   | EqLA  | ACH    | ACH50 | Space(s) | Infiltration Test Volume |
|-------|------------|------------------|---------|-------|-------|-------|--------|-------|----------|--------------------------|
| ___ 1 | Wholehouse | Proposed ACH(50) | 0.00025 | 402   | 22.07 | 41.43 | 0.0958 | 4.9   | All      | 4936 cu ft               |

## MASS

| ✓ #   | Mass Type             | Area  | Thickness | Furniture Fraction | Space    |
|-------|-----------------------|-------|-----------|--------------------|----------|
| ___ 1 | Default(8 lbs/sq.ft.) | 0 ft² | 0 ft      | 0.30               | Addition |

## HEATING SYSTEM

| ✓ #   | System Type/FI. Addition       | Subtype/Speed | AHRI # | Efficiency | Capacity kBtu/hr | ---Geothermal HeatPump--- Entry Power Volt Current | Ducts | Block |
|-------|--------------------------------|---------------|--------|------------|------------------|--|-------|-------|
| ___ 1 | Electric Heat Pump/Supplementa | None/Single   |        | HSPF: 8.50 | 12.0             | 0.00 0.00 0.00                                     | sys#0 | 1     |

## COOLING SYSTEM

| ✓ #   | System Type/FI. Addition | Subtype/Speed | AHRI # | Efficiency | Capacity kBtu/hr | Air Flow cfm | SHR  | Duct     | Block |
|-------|--------------------------|---------------|--------|------------|------------------|--------------|------|----------|-------|
| ___ 1 | Central Unit/Supplementa | None/Single   |        | SEER:21.0  | 12.0             | 360          | 0.85 | Ductless | 1     |

# INPUT SUMMARY CHECKLIST REPORT

## HOT WATER SYSTEM

| <input checked="" type="checkbox"/> # | System Type          | Subtype             | Location    | EF(UEF)       | Cap        | Use  | SetPnt               | Fixture Flow | Pipe Ins. | Pipe length   |
|---------------------------------------|----------------------|---------------------|-------------|---------------|------------|------|----------------------|--------------|-----------|---------------|
|                                       | Recirculation System | Recirc Control Type | Loop length | Branch length | Pump power | DWHR | Facilities Connected | Equal Flow   | DWHR Eff  | Other Credits |

## DUCTS

| <input checked="" type="checkbox"/> Duct # | Location | Supply R-Value | Area | Return R-Value | Area | Leakage Type | Air Handler | CFM 25 TOT | CFM 25 OUT | QN | RLF | HVAC # Heat | HVAC # Cool |
|--|----------|----------------|------|----------------|------|--------------|-------------|------------|------------|----|-----|-------------|-------------|
|--|----------|----------------|------|----------------|------|--------------|-------------|------------|------------|----|-----|-------------|-------------|

## TEMPERATURES

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

| <input checked="" type="checkbox"/> Thermostat Schedule: HERS 2006 Reference | Schedule Type | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       |
|--|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| ___ Cooling (WD)   | AM<br>PM      | 78<br>80 | 78<br>80 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 80<br>78 | 80<br>78 | 80<br>78 |
| ___ Cooling (WEH)  | AM<br>PM      | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 | 78<br>78 |
| ___ Heating (WD)   | AM<br>PM      | 66<br>68 | 66<br>68 | 66<br>68 | 66<br>68 | 66<br>68 | 68<br>68 | 68<br>68 | 68<br>68 | 68<br>68 | 68<br>68 | 68<br>66 | 68<br>66 |
| ___ Heating (WEH)  | AM<br>PM      | 66<br>68 | 66<br>68 | 66<br>68 | 66<br>68 | 66<br>68 | 68<br>68 | 68<br>68 | 68<br>68 | 68<br>68 | 68<br>68 | 68<br>66 | 68<br>66 |

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

## ESTIMATED ENERGY PERFORMANCE INDEX\* = 86

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

,,FL,

|  |                        |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
|--|------------------------|------------------------|------|--|-------|-------------|-----------------------|--|--------------|-----|-----------------|--|-------|--|--|--|--------------|-----|-----------------|--|-------|--|--|--|----------------|-------------|------|--|------------|-----|---------------------|--|-----------------|------------|------|--|--------|--------|------------------------|--|--------|----|-----------------|--|--|----|-----------------|--|--|---|------------|------|--|--------|------------------------|--|------------|------|--|--------|------------------------|--|------------|---------------------|--|---|-----------------|--|---------|------------|--|------|------------|--|---------|------------|--|------|-----------|--|-----|--|
| <p>1. New construction or existing</p> <p>2. Single family or multiple family</p> <p>3. Number of units, if multiple family</p> <p>4. Number of Bedrooms</p> <p>5. Is this a worst case?</p> <p>6. Conditioned floor area above grade (ft<sup>2</sup>)<br/>Conditioned floor area below grade (ft<sup>2</sup>)</p> <p>7. Windows**</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 20%;">a. U-Factor:</td> <td style="width: 20%;">Description</td> <td style="width: 15%;">Area</td> <td style="width: 45%;"></td> </tr> <tr> <td>SHGC:</td> <td>Dbl, U=0.26</td> <td>81.67 ft<sup>2</sup></td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td>ft<sup>2</sup></td> <td></td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td>ft<sup>2</sup></td> <td></td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> <td></td> </tr> </table> <p>Area Weighted Average Overhang Depth: 1.500 ft<br/>Area Weighted Average SHGC: 0.200</p> <p>8. Skylights</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 20%;">U-Factor:(AVG)</td> <td style="width: 20%;">Description</td> <td style="width: 15%;">Area</td> <td style="width: 45%;"></td> </tr> <tr> <td>SHGC(AVG):</td> <td>N/A</td> <td>N/A ft<sup>2</sup></td> <td></td> </tr> </table> <p>9. Floor Types</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 20%;">a. Raised Floor</td> <td style="width: 20%;">Insulation</td> <td style="width: 15%;">Area</td> <td style="width: 45%;"></td> </tr> <tr> <td>b. N/A</td> <td>R= 0.0</td> <td>617.00 ft<sup>2</sup></td> <td></td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft<sup>2</sup></td> <td></td> </tr> <tr> <td></td> <td>R=</td> <td>ft<sup>2</sup></td> <td></td> </tr> </table> | a. U-Factor:           | Description            | Area |  | SHGC: | Dbl, U=0.26 | 81.67 ft <sup>2</sup> |  | b. U-Factor: | N/A | ft <sup>2</sup> |  | SHGC: |  |  |  | c. U-Factor: | N/A | ft <sup>2</sup> |  | SHGC: |  |  |  | U-Factor:(AVG) | Description | Area |  | SHGC(AVG): | N/A | N/A ft <sup>2</sup> |  | a. Raised Floor | Insulation | Area |  | b. N/A | R= 0.0 | 617.00 ft <sup>2</sup> |  | c. N/A | R= | ft <sup>2</sup> |  |  | R= | ft <sup>2</sup> |  | <p>10. Wall Types(690.7 sqft.)</p> <p>a. Frame - Wood, Exterior</p> <p>b. N/A</p> <p>c. N/A</p> <p>d. N/A</p> <p>11. Ceiling Types(617.0 sqft.)</p> <p>a. Flat ceiling under att (Vented)</p> <p>b. N/A</p> <p>c. N/A</p> <p>12. Roof(Metal, Vented)</p> <p>13. Ducts, location &amp; insulation level</p> <p>a.</p> <p>b.</p> <p>c.</p> <p>14. Cooling Systems</p> <p>a. Central Unit</p> <p>15. Heating Systems</p> <p>a. Electric Heat Pump</p> <p>16. Hot Water Systems - None required</p> <p>a. N/A</p> <p>b. Conservation features</p> <p>17. Credits</p> | <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Insulation</td> <td style="width: 15%;">Area</td> <td style="width: 70%;"></td> </tr> <tr> <td>R=13.0</td> <td>690.67 ft<sup>2</sup></td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Insulation</td> <td style="width: 15%;">Area</td> <td style="width: 70%;"></td> </tr> <tr> <td>R=30.0</td> <td>617.00 ft<sup>2</sup></td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Deck R=0.0</td> <td style="width: 15%;">714 ft<sup>2</sup></td> <td style="width: 70%;"></td> </tr> <tr> <td>R</td> <td>ft<sup>2</sup></td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">kBtu/hr</td> <td style="width: 15%;">Efficiency</td> <td style="width: 70%;"></td> </tr> <tr> <td>12.0</td> <td>SEER:21.00</td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">kBtu/hr</td> <td style="width: 15%;">Efficiency</td> <td style="width: 70%;"></td> </tr> <tr> <td>12.0</td> <td>HSPF:8.50</td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">N/A</td> <td style="width: 85%;"></td> </tr> </table> <p style="text-align: right;">CF, Pstat</p> | Insulation | Area |  | R=13.0 | 690.67 ft <sup>2</sup> |  | Insulation | Area |  | R=30.0 | 617.00 ft <sup>2</sup> |  | Deck R=0.0 | 714 ft <sup>2</sup> |  | R | ft <sup>2</sup> |  | kBtu/hr | Efficiency |  | 12.0 | SEER:21.00 |  | kBtu/hr | Efficiency |  | 12.0 | HSPF:8.50 |  | N/A |  |
| a. U-Factor:   | Description            | Area                   |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| SHGC:  | Dbl, U=0.26            | 81.67 ft <sup>2</sup>  |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| b. U-Factor:   | N/A                    | ft <sup>2</sup>        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| SHGC:  |                        |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| c. U-Factor:   | N/A                    | ft <sup>2</sup>        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| SHGC:  |                        |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| U-Factor:(AVG)   | Description            | Area                   |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| SHGC(AVG):   | N/A                    | N/A ft <sup>2</sup>    |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| a. Raised Floor  | Insulation             | Area                   |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| b. N/A   | R= 0.0                 | 617.00 ft <sup>2</sup> |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| c. N/A   | R=                     | ft <sup>2</sup>        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
|  | R=                     | ft <sup>2</sup>        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| Insulation   | Area                   |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| R=13.0   | 690.67 ft <sup>2</sup> |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| Insulation   | Area                   |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| R=30.0   | 617.00 ft <sup>2</sup> |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| Deck R=0.0   | 714 ft <sup>2</sup>    |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| R  | ft <sup>2</sup>        |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| kBtu/hr  | Efficiency             |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| 12.0   | SEER:21.00             |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| kBtu/hr  | Efficiency             |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| 12.0   | HSPF:8.50              |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |
| N/A  |                        |                        |      |  |       |             |                       |  |              |     |                 |  |       |  |  |  |              |     |                 |  |       |  |  |  |                |             |      |  |            |     |                     |  |                 |            |      |  |        |        |                        |  |        |    |                 |  |  |    |                 |  |  |   |            |      |  |        |                        |  |            |      |  |        |                        |  |            |                     |  |   |                 |  |         |            |  |      |            |  |         |            |  |      |           |  |     |  |

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

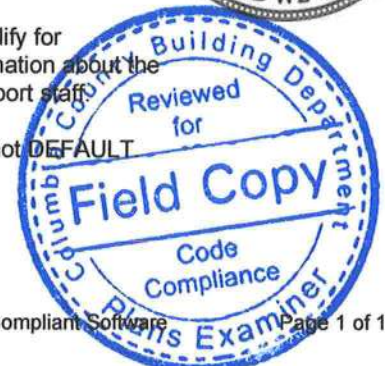
Builder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_ City/FL Zip: ,FL,



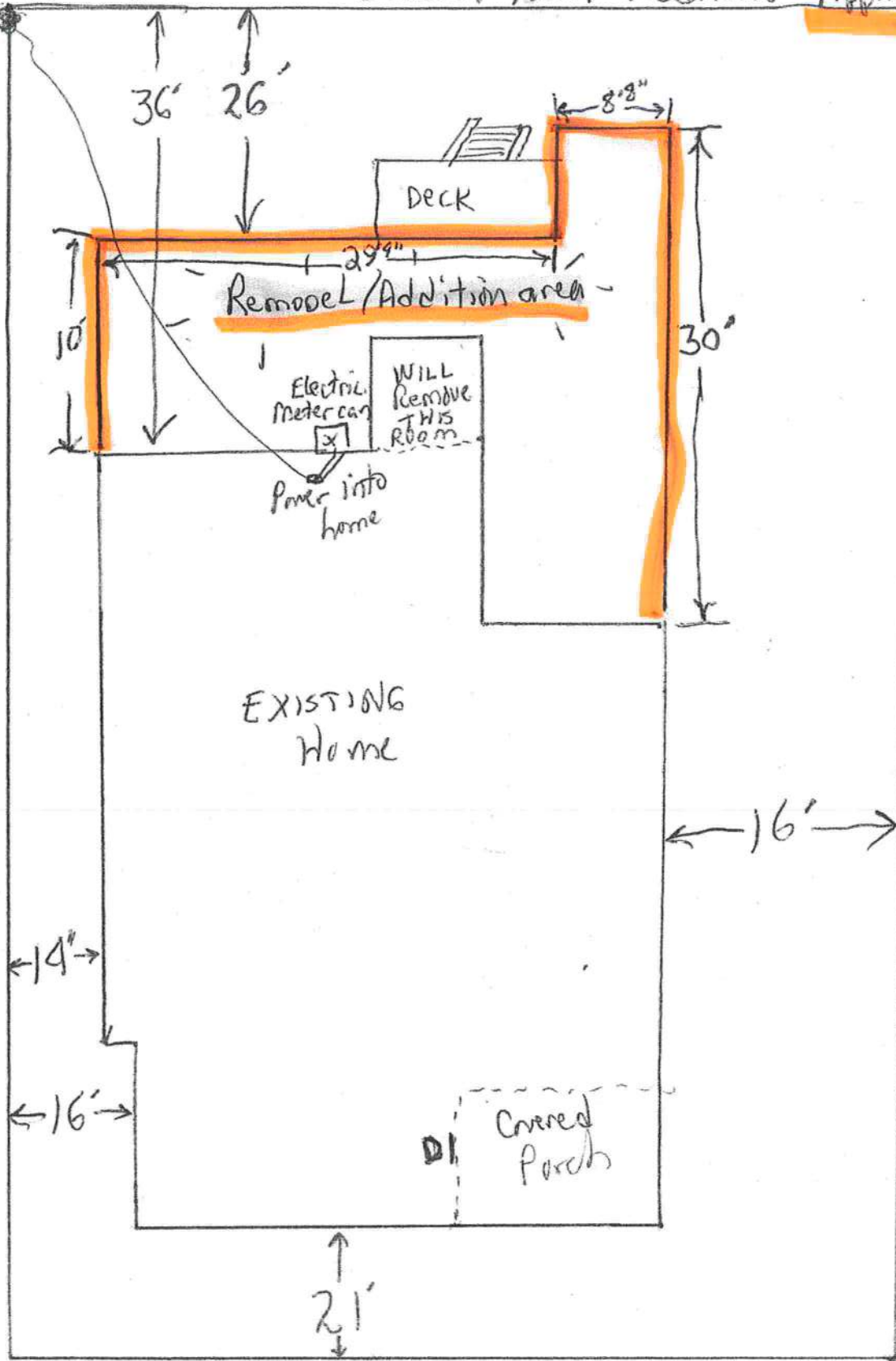
\*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida Energy Rating. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

\*\*Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT



# KIP MARANTO CONSTRUCTION INC.

Site Plan: Susan Tuell Addition - Application # 62088



Address:  
495 N.W.  
Hillsboro St

