

Project Name: Housecraft homes Dawson res Street: 10523 US Highway 441 City, State, Zip: Alachua , FL , 32615 Owner: Dawson Design Location: FL, Gainesville	BUILDER NAME: Housecraft Homes Permit Office: Permit Number: Jurisdiction: County: Alachua (Florida Climate Zone 2)
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 1624 - Conditioned floor area below grade (ft²) 0 7. Windows(169.8 sqft.) Description DBI, U=0.33 SHGC=0.23 a. U-Factor: SHGC: b. U-Factor: SHGC: c. U-Factor: SHGC: d. U-Factor: SHGC: e. Slab-On-Grade Edge Insulation R=0.0 1624.00 ft² f. N/A g. N/A 8. Floor Types (1624.0 sqft.) Area Weighted Average Overhang Depth: 2.000 ft. Area Weighted Average SHGC: 0.230 Insulation Area 1624.00 ft² R= ft² c. N/A ft²	9. Wall Types (1672.0 sqft.) a. Concrete Block - Int Insul, Exterior R=5.0 1496.00 ft² b. Frame - Wood, Adjacent R=13.0 176.00 ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1624.0 sqft.) a. Under Attic (Vented) R=38.0 1624.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic, Ret: Attic, AH: Garage R ft² 6 324.8 12. Cooling systems a. Central Unit Kbtu/hr Efficiency SEER:14.00 23.2 13. Heating systems a. Electric Heat Pump Kbtu/hr Efficiency HSPF:8.20 23.2 14. Hot water systems a. Electric Cap: 40 gallons EF: 0.920 b. Conservation features None c. Credits CF, Pstat
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Total Proposed Modified Loads: 46.24 Total Baseline Loads: 47.03 PASS	Glass/Floor Area: 0.105
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OWNER/AGENT: I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. DATE: 7/27/20 PREPARED BY: (Signature) I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.	DATE: BUILDING OFFICIAL: I hereby certify that this building, as designed, is in compliance with the Florida Statutes. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.
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- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance 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 5.00 ACH50 (R402.4.1.2).