

# High Efficiency Multi-Family Renovations at UF's Corry Village

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Location Map

1" = 100'-0"

- meet/exceed all “green building” strategies for USGBC LEED
- reduce energy/water consumption through best designs, materials, product selections, and tenant education





- Site stewardship including erosion controls
- Low maintenance and water efficient landscaping
- High-efficiency indoor fixtures and fitting
- Low-flow shower heads and low and dual flush toilets
- **Efficient hot water design and distribution, natural gas fired tankless water heating system ( EF 0.8),**
- Efficient wall systems, proper ventilation, enhanced insulation
- Energy Star<sup>®</sup> low-e windows,
- **Advanced Variable Refrigerant Flow (VRF) Heat Recovery (Ductless Mini-Split) System (EER 13.6)**
- programmable thermostats
- Energy Star appliances, and high efficacy lighting
- Building diagnostic testing and verification



- 30% reduction in infiltration on 1st Floor, 50% on 2nd Floor (1-2 bedrooms)
- HERS 68-65, representing approximately 15% improvement in modeled energy.
- building performance measures need further energy and water assessments to identify cost-effective efficiency improvement or replacement opportunities
- consumption data needs to be compared to the modeled energy consumption.
- Corry Village renovations can provide implemented and evaluated multi-family cost effective energy and water strategies.