



# Our Commitment to Going Green

Since 2002, Habitat for Humanity of Orange County has built SystemVision certified energy efficient homes. This program sets standards for energy efficiency, comfort, and indoor air quality while saving homeowners money. By meeting these standards, Habitat houses are much greener and healthier than the average new house built today. Since 2019, Habitat Homes have met the Silver Level for National Green Building Standard (NGBS) Certification. As a result, homeowners pay less than \$30/month for heating and cooling.

The first certified Habitat house (in Hillsborough) was featured on the Home Builders Association of Durham, Orange, and Chatham Counties Green Home Tour in March 2008. All homes since then have been green-certified.

In 2020, Habitat participated in a pilot program with the East Chapel Hill Rotary Club and Southern Energy Management to install PV Solar Panels on a Habitat Home. With a grant from the Orange County Climate Action Fund, installation by Southern Energy Management, and additional solar panel donations from Strata Clean Energy, this initiative will continue. Habitat will install solar panels on 10 more houses by the end of 2022. Habitat hopes to continue this program in the future for all houses that have sufficient sun exposure to support solar panels.





# weaversgrove

Weavers Grove is Habitat for Humanity of Orange County's bold answer to Chapel Hill's affordable housing crisis. The 32-acre mixed-income community will be a model of energy efficiency. Of the 225+ single-family homes, townhomes, duplexes, and condominiums, 102 will be Habitat homes owned by people who live or work in Orange County.

Weavers Grove residents will have easy access to public transportation and an enhanced pedestrian and bike experience with access to trails and pocket parks in the community. All turfgrass within the community will be warm-season grasses to minimize irrigation needs. The site includes three retention ponds, a walking trail and a 5.7 acre of Resource Conservation District supporting the stream that runs through a portion of the property.

The Picnic Pavilion will be built with recovered lumber from Weavers Grove trees. The spray pad is designed with a recirculating water system to maximize water efficiency. Habitat is also working with Duke Energy to provide electric vehicle charging stations to equip homes to be charging friendly. Solar panels will be installed on the community center and Habitat homes that have sufficient sun exposure.



## Support Habitat's green building practices which includes:

- High efficiency heat pumps
- Solar panels
- Energy star appliances
- Building Air Sealing
- Passive radon mitigation
- Costs of green certification
- Low/No-VOC paint
- Inverters for solar panels
- Smart Thermostats
- High efficiency vinyl windows
- Gutters and rain barrels
- Recycling of construction materials
- Additional Insulation
- Ventilation systems

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