As both a developer and a long-term owner and operator of affordable housing, Trinity aims to reduce operating energy and water costs, increase durability, and provide healthy indoor environments for residents—all of which increases the sustainability and resiliency of our developments.

- Kendra Halliwell at ICON
Green Building

- Phase I Midrise
  LEED for Homes Platinum certifiable
  Point: 80
- Phase I Townhomes
  LEED for Homes Platinum certifiable
  Point: 84.5
- Phase II
  LEED for Homes Gold certifiable
  Point: 71 (projected)

The building design focuses on energy efficiency and healthy indoor environments. Excellent windows and well insulated walls reduce heating and cooling loads which allow for smaller high efficiency mechanical systems earning the 36.5 of 38 LEED points. The all electric systems also eliminate the need for gas service and distribution piping which lowers costs. No VOC finishes, healthy building materials, and not indoor combustion reduce resident exposure to toxins.

Carbon Reduction

With average HERS scores of 41 (townhomes) and 44 (midrise) the annual energy use is 20% and 25% below code. The townhouse design anticipates solar PV on south facing sloped roofs with sufficient area for a 20 kW array on each townhome. The midrise building anticipates a 124 kW solar PV array on the roof.

- Roof: R=41
- Walls: R=20 + 7.5 c.i.
- Windows: U=0.15
- Window to Wall Ratio: 20% windows
- Exposed Floor: R=30