

Overland Trail

Green retrofit 48 Low-Income Multifamily Housing Units in Sterling, Colorado



Scope of Work

Replaced 48 old and wasteful furnaces with high performance, 95% efficient, systems. Installed 48 high performance (14 SEER) split-system air conditioning units. Removed and installed 258 single high performance (U .33) windows. Installed a vapor barrier, increased insulation, and ventilated the apartment's six crawlspaces. Air sealed all building penetrations, and replaced and preset 47 water heaters with models with a minimum performance energy Factor of .657.

Savings

- Utility energy savings add up to an estimated **\$11,221/year**
- 28,080 kWh, 17,264 Therms of Natural gas
- 26 Tons of CO₂** kept from the atmosphere every year

Financial Details

Outside Funding Secured

❖ 9%

Customer Investment

❖ 91%



Project Narrative

This green retrofit project uses energy savings to subsidize urgently needed maintenance work on this building. The crawlspace was uninsulated and with significant moisture issues that ultimately would have led to serious damage. By insulating, sealing, and ventilating this space future expenses were eliminated while saving money today.