

Client: Acton Housing Authority

Multi-Family Housing

Affordable Housing Development



The Acton Housing Authority project consisted of six two-story buildings containing twelve living units to be utilized as affordable housing for the Housing Authority. Designed with sustainability in mind, the modular construction project had the goal of achieving LEED for Homes Silver Certification. Through design recommendations by the Triumph Modular construction services team and the A&E design team, coupled with modular construction methods which minimized waste through material efficiency, the project was able to achieve a LEED Gold Certification.

The project called for finishes and fixtures that were designed for sustainability and energy efficiency and with consideration for durability. Examples of material finishes specified with longevity and ease of maintenance in mind included: tile wainscoting walls in the bathrooms; resilient tile floors in lieu of carpeting throughout the units; Marmoleum stairs, and full-height laminate backsplash in the kitchen. The following green features were also utilized: low thermal emissivity large windows to allow natural light and reduce thermal radiation; an enhanced insulation package that exceeds the R-value requirements as defined by the IECC; reduced flow plumbing fixtures and landscape design to minimize outdoor water usage.

Project Details

Location
Acton, MA

Square Feet
15,000

Modular Units
38

Modular Factory
KBS Inc.