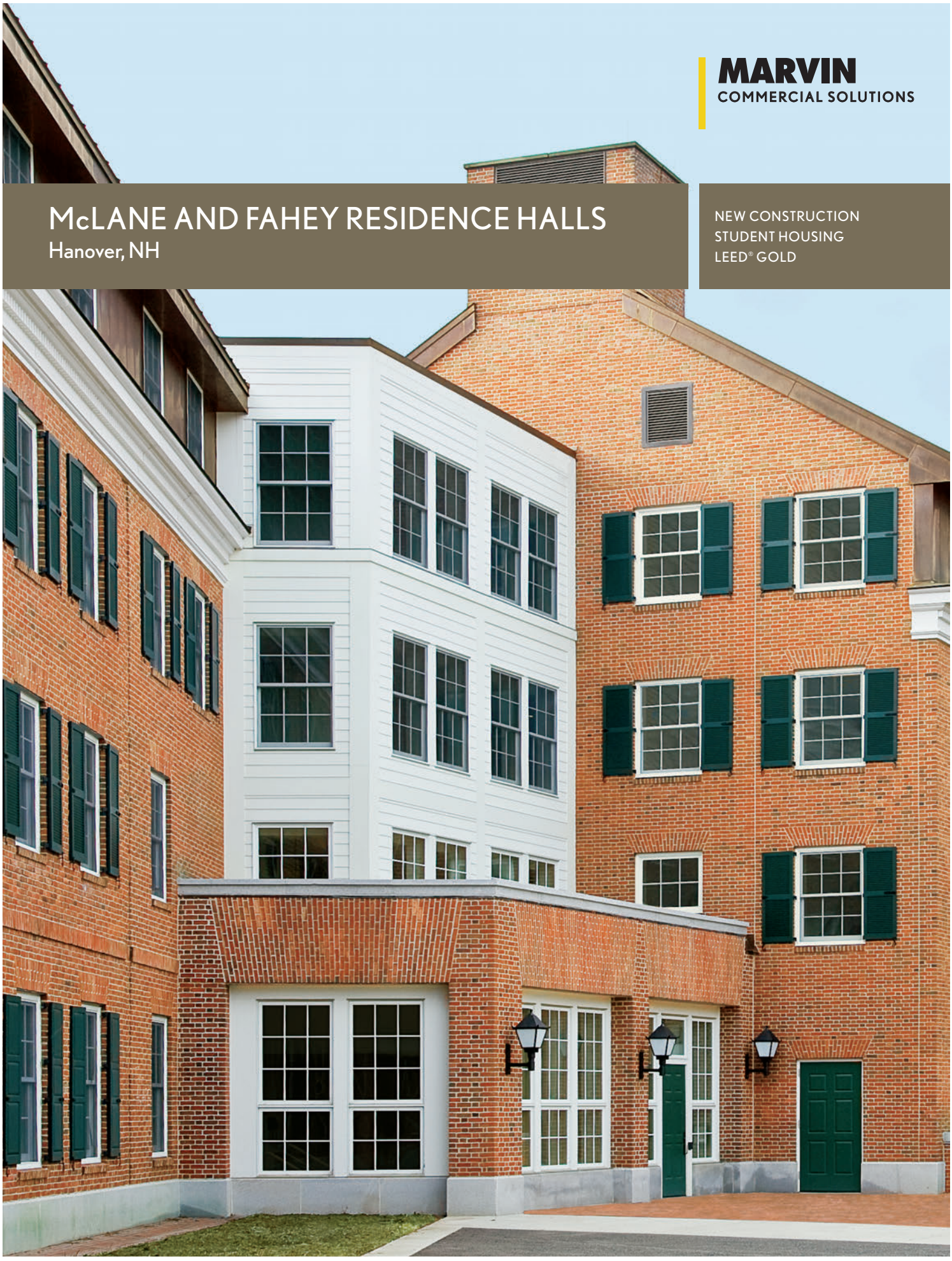
MARVIN
COMMERCIAL SOLUTIONS

McLANE AND FAHEY RESIDENCE HALLS

Hanover, NH

NEW CONSTRUCTION
STUDENT HOUSING
LEED® GOLD



McLANE AND FAHEY RESIDENCE HALLS

Hanover, NH

High performance goals result in LEED® Gold

The challenge was to build a new 160-bed residence that looked like it belonged on a traditional campus but delivered cutting-edge energy performance. The Dartmouth College Office of Planning, Design and Construction set high goals regarding the building project's carbon footprint, durability, financial viability and social/environmental responsibility, and targeted a 48% reduction in total energy use and a 57% reduction in energy costs.

In order to achieve this vision they relied on computer modeling and integrated design, storm water management, geothermal wells and a heat exchange system, as well as some inventive solutions such as heat recovery from wastewater. The exterior walls were highly insulated, and Marvin® Clad Ultimate Double Hungs were the windows of choice for this energy-efficient building. In addition, Marvin products were selected, according to the general contractor, because they wanted to use clad brickmould, and no other brand does it as well as Marvin.

PROJECT HIGHLIGHTS

- This project required documentation for LEED certification in early 2005. Information was quickly researched and captured to support LEED application
- Marvin was able to provide a historic looking double hung window with high performance characteristics
- Factory applied nail fin and drip cap saved contractor time. Durable aluminum cladding with 70% PVDF finish beautifully withstands the elements

SPECS

PROJECT TYPE

New Construction
LEED Gold certification

BUILDING TYPE

Student Housing

UNITS AND APPLICATIONS

Clad Ultimate Double Hung, Transom, stationary Awning, brick mould casing, stone white clad, charcoal aluminum wire screen

ARCHITECT

Atkin Olshin Schade

CONTRACTOR

North Branch Construction

DEALER

R.P. Johnson & Son Millwork Showcase

Marvin brands are dedicated to producing enduring energy-efficient products in ways that will support a greener future.

MARVIN®
COMMERCIAL PRODUCTS & SERVICES