ENERGY & ATMOSPHERE

- Aims to reduce overall energy use by **48%** through a high performance building envelope, energy recovery ventilators, and an efficient variable refrigerant flow (VRF) system for heating and cooling

- Projecting a **66%** reduction in lighting power density via occupancy sensors, daylight dimming controls, and LED light fixtures

- **100%** of building electricity is provided by certified green power

GET INVOLVED!

INNOVATION IN DESIGN

- Green Cleaning Program

- Green building public education program

INDOOR ENV. QUALITY

- Developed and implemented an Indoor Air Quality Plan during construction and before occupancy

- Low-VOC adhesives, sealants, paints, coatings, and flooring systems

- CO₂ sensors ensure adequate fresh air is provided to densely occupied spaces

- Thermal comfort survey will be administered to occupants

- **93%** of regularly used spaces have access to exterior views and natural daylight

GROSSMAN HALL

GREEN BUILDING GUIDE

*LEED Gold Certification Anticipated*
Grossman Hall, the home of DavisConnects, re-opened in fall 2017. The former residence hall was reimagined into modern administrative space that invites the community to engage. Designed by Ann Beha Architects, Grossman joins a traditional brick structure to a new open, contemporary addition. This inviting ensemble houses a resource library and commons, interview and recruitment suites, counseling offices and classrooms for seminars and training. A gesture to the past and to the future, the sustainable design explores innovation and respects campus heritage.

Grossman is a symbol of Colby’s commitment to enhanced student support, quality facilities, and care for the environment. Many sustainable design features have been integrated into the building. The glass-walled addition has a south-facing orientation, maximizing the passive solar heat gain for the interior spaces in the winter. An exterior brise-soleil manages solar heat gain and reduces cooling loads in the summer. In the addition, the curtain wall maximizes natural light while an automatic lighting control system reduces electrical consumption. The reuse of an existing building greatly reduced the carbon footprint of the project. Grossman Hall anticipates LEED Gold certification.

**PROJECT OVERVIEW**

**SUSTAINABLE SITES**

- Designated green space on campus equal to twice the building footprint to be preserved for life of the building
- Walkable to a recreation center, libraries, bookstore, and other core community services
- Located next to the Colby Museum of Art, which is free and open to the public
- Bike storage with shower and changing facilities provided nearby
- Provides parking designated for low-emitting and fuel-efficient vehicles

**MATERIALS & RESOURCES**

- Diverted 77% of construction waste from landfill
- 14% of building materials contain recycled content and 10% were extracted, processed, and manufactured regionally
- 82% of wood products including cabinetry, doors, and lumber were grown and harvested from Forest Stewardship Council (FSC) Certified forests

**WATER EFFICIENCY**

- Anticipating a 45.5% reduction in potable water use via low-flow plumbing fixtures
- Native plant species thrive in local climate without irrigation