SUNY Geneseo Seneca Hall

ENERGY STAR

DESIGNED TO EARN THE ENERGY STAR

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

Project Description:

The preliminary program for the project called for the construction of an 84-bed residence hall that included additional rooms for residence assistants, an apartment for a resident director, lounge/kitchen space, laundry facilities, study areas and trash collection areas. Connector links to adjacent residence halls allow for student circulation between buildings. The goals of the University were to enhance the quality of student life on campus, define the edges of existing outdoor spaces, create different spaces which promote various levels of interaction, show an active student life and to incorporate LEED standards.

Project #1: Seneca Hall

* Energy Use Intensity (EUI) = 96.4 kBtu/sf/yr
* Percent CO2 reduction = 43%
* ENERGY STAR design rating = 88

Savings Statistics

(compared to an average building EPA rating of 50)

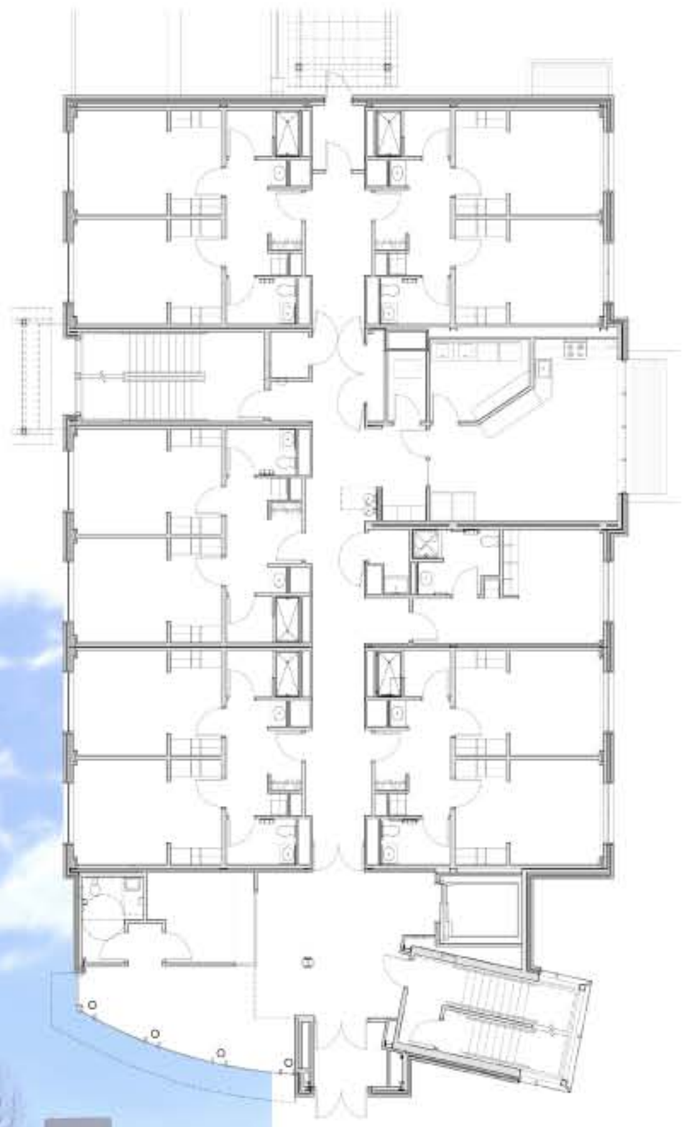
* Energy savings = 2,374,167 kBtu
* CO2 savings = 350,100 lbs CO2

High Performance Envelope

WALLS:	Effective R Value	24.5
ROOF:	Insulation R Value	36

High Efficiency Glazing

SHGC:	0.25
U VALUE:	.46



Client: State University of NY, Geneseo

Project: Seneca Hall

Cost: $7.2 Million

Completion Date: August 2008

Specifics:
Architectural & Engineering Design Services
Electrical & HVAC Services
Meets Requirements of EO 111

Bergmann associates