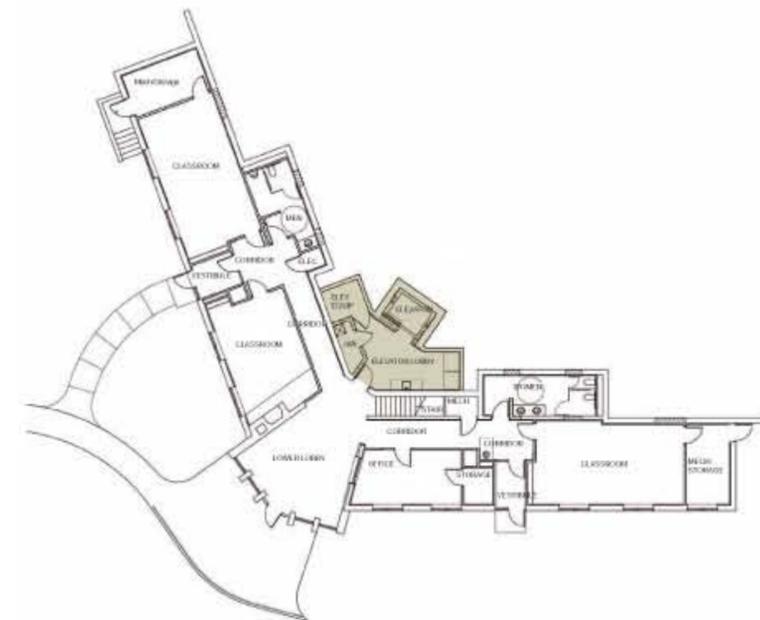


UPPER LEVEL FLOORPLAN



LOWER LEVEL FLOORPLAN

Meyer Lodge is an existing building that was built in 1956 and was originally a youth dormitory for short-term programs at the University. The University is converting the building to office space and classrooms.

- Energy Use Intensity (EUI) = 104.6 kBtu/sf/yr
- Percent CO₂ Reduction = 62%
- ENERGY STAR Design Rating = 99

SAVINGS STATISTICS
(compared to an average building EPA rating of 50)

- Energy Savings = 1,203,223 kBtu
- CO₂ Savings = 207,200 lbs CO₂

HGA used the following strategies to increase the energy efficiency of the building:

- Energy modeling to compare various HVAC systems
- HVAC system is a four-pipe fan coil system with high-efficiency boilers, chiller and variable speed pumps
- DDC controls
- Energy efficient lighting with occupancy sensors and scheduled lighting control
- Added insulation to walls and roof
- Replaced original single pane windows with high efficiency windows
- Photocells for control of outdoor lighting



Architecture | Engineering | Planning

**MEYER LODGE
GEORGE WILLIAMS COLLEGE
AURORA UNIVERSITY**



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.