

## Introduction to Integrated Design

### Visitor Pavilion for Gay Head Light House lecture

#### Environmental Design

- Zion National Park Visitor Center: trombe wall, PV cells, clerestory windows, cooling towers
- MA Audubon Society, Wellfleet Visitor Center
- Direct gain heating
- Thermal mass
- Heat pump
- Graywater, composting
- Wind and solar power

#### Gay Head

- Southeastern MA
- Gay Head sailing and fishing history
- Rocky shoals
- History of the lighthouse as a farm
- Then as a restaurant, tourist attraction
- Examples of lighthouses
- Description of the site and surroundings