

Harvard School of Public Health at Landmark Center

Harvard Department of Environmental Science and Engineering
Janofsky/Hurley Architects, Shooshanian mechanical engineers.



Located on the fourth floor of the Landmark Center, Boston, this 40,000 sf build-out houses faculty and graduate student offices, dry laboratories and classrooms.

Efficient Lighting:

- North America's first use of the Dali lighting system. The Dali system allows for occupant control of lights from personal computers and lights can be brought to 80% of their intensity at times of peak loads when utilities are most costly. Photo-sensors help

reduce demand for perimeter lighting, as they adjust to the intensity of day-light. The lights are non-mercury T-5 lamps by Sylvania-Osram that use low-voltage wiring.

Occupant Health:

- The project expects improved indoor air quality due to raised access flooring, which is an energy efficient healthful means of circulating air. It is New England's largest raised-access floor. From deep within the building footprint, one can always see out a window.

Flexibility:

- The carpet tile can be recycled and allows for plug and play flexibility in conjunction with the re-mountable partition walls and furniture. The built-in flexibility will reduce waste.

Sustainable Products:

- The flooring in the kitchen and one office is made from bamboo, a material from a replenishable resource.
- An indoor vestibule or "front porch" runs between four offices and the windows, so that circulation occurs at the edge of the building. This configuration should decrease the loss of body heat to windows in winter and reduce heat gain in summer, thereby contributing to the office's overall energy efficiency.

Evaluation:

- Currently attempting LEED Gold under LEED for Commercial Interiors, which is currently in its pilot phase.
- After recording a one-year energy cycle to ascertain the energy profile of the facility, an application for an Energy Star building award has been submitted. HSPH will track the building's performance over a five-year period, in order to evaluate if they are realizing the returns on their investment.