



CITY OF CAMBRIDGE
COMMUNITY DEVELOPMENT DEPARTMENT



Harvard University: 60 Oxford St

Architects: Perry Dean Rogers Partners (base building); Einhorn Yaffee Prescott (tenant fit-out)
Developers: Harvard Real Estate Services
Contractor: Lee Kennedy Co.

Size: 94,500 square feet
Total Cost: Not published
LEED Rating: Not Certified

General Information

60 Oxford Street is home to Harvard University Information System and the Division of Engineering and Applied Sciences. The building is one of three new Harvard projects that are pursuing LEED certification. Harvard University embraces green design concepts as part of its Green Campus Initiative. Created in 1999, the Green Campus Initiative strives to reduce the University's greenhouse gas emissions and overall environmental footprint.

Sustainable Sites

- Built on an existing paved asphalt site formerly containing urban fill
- Bike racks and employee showers can accommodate 5% of the building's occupants
- Vegetated roof, which mitigates solar gain and reduces the urban heat island effect.
- Highly reflective roof
- Located within an existing minimum development density of 60,000 square feet per acre
- Located within ½ mile of subway station
- Large detention tank below courtyard detains all stormwater from building as well as that from the adjacent garage. This tank slowly releases the water to recharge the groundwater
- Formerly a parking lot, the site now boasts a pervious surface area of 50%. 30% of all non-roof impervious surfaces will be shaded within 5 yrs
- Minimized night lighting to reduce light pollution
- Plug and play power and data distribution systems and demountable office partitions. The primary occupants within 60 Oxford Street work together in teams that are physically organized to be in the same location. The teams change frequently and the building is designed to accommodate these changes without costly demolition, rebuilding and rewiring, eliminating construction waste and minimizing any loss in productivity.
- An under-floor air-distribution system provides conditioned air utilizing less energy than traditional ducted systems.

Water Efficiency

- Efficient irrigation technology reduces potable water consumption for irrigation needs by 18% over conventional means.
- Rain sensors are in place to stop irrigation during periods of rain

Energy & Atmosphere

- Light shelves allow daylight to pass deep into the building
- Designed to reduce energy costs of regulated systems by 26% below ASHRAE/IESNA standards
- Additional commissioning performed to ensure that the entire building is designed, constructed, and calibrated to operate as intended
- Building refrigeration and fire suppression systems do not use HCFCs or Halons, which are known to cause ozone depletion
- Exterior metal scrim reduces solar gain on the west façade while allowing daylight to penetrate

Materials & Resources

- About 75% of construction waste recycled, salvaged, or otherwise diverted from the landfill, including all asphalt and cardboard
- About 5% of building materials were manufactured with recycled content
- 23% of building materials manufactured within a radius of 500 miles (including all concrete and steel)
- 51% of wood-based materials and products have been certified in accordance with the Forest Stewardship Council's Principles and Criteria.

Indoor Environmental Quality

- Increased ventilation effectiveness
- Use of Low-emitting adhesives, sealants, and carpet

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