

## The Macallen Building, South Boston, Massachusetts



### *The Greenest Condominium Building in Boston*

The building contains 140 apartment units that run for about \$500,000+. The building units sell for high dollar because of the environmentally friendly ways the building was constructed and the amenities of each unit.

- Contains sloped, green roofs. This helps with natural storm water drainage, reduces the cooling and heating loads as well as provides an ecosystem for local species.
- Large cisterns are used to collect rainwater and other irrigated water for reuse in the building's water systems. It also collects condensation from mechanical systems.
- The building does not have a parking lot but rather an integrated garage to reduce the amount of runoff as well as the overall square footage of the building.
- The units contain sensory controls that reduce the amount of electricity wasted by leaving on lights and other electrical appliances.

- The irrigation system and dual flush toilets help the building save 600,000 gallons of water each year.
- All of the hardwood floors throughout the building are bamboo which is a renewable wood source. They also used wood fiber ceiling tiles and cotton insulation in the walls.
- The building used a staggered truss system which allows for more open spaces in the building as well as allowing for it to be redesigned for other uses. It is also built with 95% recycled steel.
- 75% of construction debris from the building was recycled
- Pumps air from outside into units rather than recycling air from within the building.
- Electrical utility is reduced 30% by the use of large, interior windows that allow for more light penetration and hot water heaters that use waste heat from mechanical systems.

<http://www.boston-condos-for-sale.com/macallen-building/>

<http://www.apartmenttherapy.com/boston/green-ideas/macallen-building-luxury-green-living-boston-056352>

<http://www.livingsteel.org/features/macallen-building>

<http://www.bostoncondoloft.com/wp-content/uploads/2008/04/macallen-building-south-boston.jpg>