

"Green" Building Tour, Saturday, April 2nd, 2005

The tour visited two environmentally friendly "green" buildings in the City of Santa Monica. Many thanks to Mr. Greg Reitz; Green building Advisor for the City of Santa Monica, who made this tour possible.

City of Santa Monica Public Safety Facility completed fall 2003



Located at 4th and Olympic, the 117,00 s.f. Public Safety Facility is designed and built with the intent of minimizing its lifecycle impact on the natural environment while providing for the health and comfort of the building's occupants. The building is the headquarters of the Police and Fire Departments in addition to the 9-1-1 center and other facilities. The building has a USGBC Leed Silver certification.

The building features sustainable building strategies such as: energy efficiency; efficient furnace and computer controls, and underfloor distribution system and automatic daylighting controls, water conservation; the building catches water

from the roof and additionally uses recycled water for irrigation and flushing of toilets, materials; where practical the building uses recycled materials.



Recycled water from the City of Santa Monica Urban Runoff Recycling facility is used in the entrance waterfall, which is also part of the public art.



The building entrance atrium incorporates several "blue" screens which are part of the public art and are capable of showing images.



Natural light is delivered to the offices via a central three story atrium. The atrium features high-performance dual glazed, low-e, high visible light transmission

glass. Daylighting controls dim interior lights when ample natural light is available.



The Public Safety Facility Emergency Operations Center (E.O.C.)

For further information please go to <http://greenbuildings.santa-monica.org/casestudies/publicsafety/publicsafetybuilding.html>

The Natural Resources Defense Council Environmental Action Center completed 2003



Located at 1314 2nd Street, the 15,000 s.f. Environmental Action Center uses 60% less energy and 60% less water than a conventional office of the same size.

The building received a USGBC Leed Platinum 2 rating in January 2004. The building features solar photovoltaic panels on the roof to generate approximately 20% of the building's electricity needs, energy and water saving appliances, natural lighting with daylighting sensors, high efficiency lighting bulbs, a walkable rooftop skylight, high efficiency heating and cooling units, a water treatment and recycling system, and the use of many recycled materials in the building construction and in the building furnishings.



The street level David Family Environmental Action Center; a retail space and shop, including informational displays and online access.



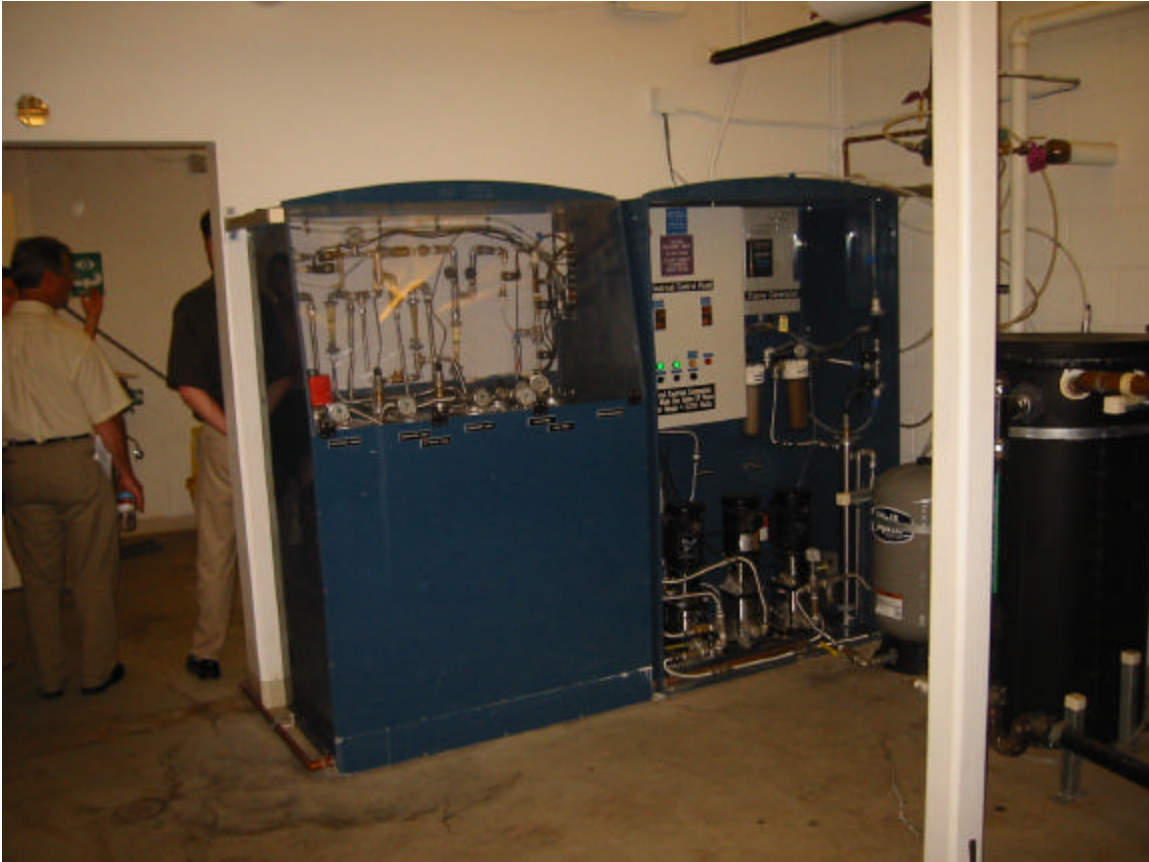
Natural lighting is used wherever possible.



A rooftop terrace, note the "walkable" glass skylight.



Solar photovoltaic panels on the roof. The clerestory vents are tied to temperature sensors which open the vents when the interior temperature reaches a set point.



Part of the water treatment and recycling equipment in the basement.

For further information please go to
www.nrdc.org/cities/building/smoffice/intro.asp

Again; many thanks to our escort who made this tour possible!:

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