

W O R L D T R A D E C E N T E R

CONTINUING A STANDARD IN SUSTAINABLE DESIGN

World Trade Center Towers 2, 3 & 4 will further pioneer the ambitious standards established by 7 WTC, in terms of environmental responsibility, energy efficiency, and quality of life. WTC 2, 3 & 4 are models of the kind of collaborative efforts that will define the development of all buildings at the World Trade Center site. Silverstein Properties is working with contractors, subcontractors, and suppliers, as well as government agencies and leading environmental organizations, to develop and implement a variety of environmental innovations.

LEED OFFICE BUILDING

World Trade Center Towers 2, 3 & 4 are striving to achieve a U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Gold Certification, as well as meeting other Sustainable Design Guidelines and goals established uniquely for the World Trade Center Site.

GREEN DESIGN FEATURES

Green design features of WTC 2, 3 & 4 benefit tenants and the broader community:

- WTC 2, 3 & 4 offers tenants the ability to provide direct daylight and outside views for more than 90 percent of their regularly occupied space.
- Full-height low-iron glass allows tenants to reduce energy costs by installing daylight dimming controls.
- A high percentage of WTC 2, 3 & 4's core-and-shell electricity needs will come from renewable energy.
- In a typical business year, electricity costs at WTC 2, 3 & 4 will be approximately 35 percent lower than in a generic Manhattan office building, due in part to a power purchase agreement with New York Power Authority.
- Environmental innovations at WTC 2, 3 & 4 exceed traditional office buildings, such as:
 - High-efficiency cooling/heating systems (beyond current code requirements), with high-efficiency filters in all A/C units to improve indoor air quality;
 - Use of paints that are low in volatile organic compounds;
 - High-efficiency plumbing systems that will reduce water consumption throughout the building by at least 30 percent;
 - Collection of rainwater from the roof for the replenishment of the cooling tower;
 - Carbon dioxide sensors throughout the building;
 - No use of ozone-depleting HCFC refrigerants;
 - Building materials that will include post-consumer recycled content; and
 - A minimum of 50 percent of the building's wood will be certified as sustainably harvested.
 - Commitment to establishing a preferred parking program for fuel-efficient vehicles.

CLEAN CONSTRUCTION

Commitment to environmental excellence at WTC 2, 3 & 4 will begin with construction. Through the Diesel Emissions Reduction Project, ultra-low sulfur diesel fuel will be used in combination with innovative filter technologies to reduce diesel emissions from heavy construction equipment by as much as 90 percent. This improves quality of life for our neighbors and those who work in the area, and helps mitigate smog, acid rain, and water pollution.