

# The Ortega Branch Library goes GREEN!



## **PARTIAL LIVING ROOF:**

Similar in concept to the new Academy of Sciences building  
Naturally regulates building temperature  
Reduces energy consumption through increased insulation  
Provides evaporative cooling in the summer  
Provides habitat for birds, butterflies and other wildlife  
Filters dust and particulates  
Reduces glare and heat island effect  
Reduces untreated sewer overflow and extends the life and capacity of wastewater treatment facilities  
Helps reduce climate change by creating oxygen and absorbing carbon dioxide  
Reduces roof maintenance and lengthens roof life  
Reduces ambient noise and dampens traffic sounds  
Connects architecture of the city to natural surroundings

## **SUSTAINABLE PLANTINGS:**

Coastal habitat plantings for roof and landscaping  
Native plants with low water needs  
Natural, ecological plant selection

## **WATER CONSERVATION:**

Onsite water storage  
Designed to allow rainwater to flow into the ground instead of the overburdened sewer system

## **EDUCATIONAL OPPORTUNITIES:**

Information and displays about the Green features of the new library will be integrated into the design of the branch

## **LEED SILVER:**

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System, developed by the U.S. Green Building Council (USGBC), provides a suite of standards for environmentally sustainable construction. Priorities include:

- Daylighting: light quality and energy savings
- Energy efficiency: building envelope, heating system, commissioning
- Indoor environmental quality: healthy building
- Stormwater management: roofs and landscaping
- Estimated 17% energy savings!

*For more information, contact the Branch Library Improvement Program (BLIP) at 415-557-4354.*



*San Francisco Public Library*