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.