



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: General Services
Department No.: 063
For Agenda Of: 10/17/2006
Placement: Departmental
Estimate Time:
Continued Item: NO
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Board Member(s) Susan Rose, 2nd District Supervisor
Contact Info: Robert Nisbet, General Services Director
568-1011

SUBJECT: Green Building Standard for the County of Santa Barbara

County Counsel Concurrence:

As to form: Yes No N/A

Auditor-Controller Concurrence:

As to form: Yes No N/A

Other Concurrence: N/A

As to form: Yes No N/A

Recommended Action(s):

1. That the Board receives a report on sustainable public architecture and reduction of green-house gases generated by county-owned facilities.
2. Direct Staff to return at a future date with a Sustainable Public Architecture Standard and Amended Chapter 12A, Article IV of the County Code, and to include the Standard as part of the Facility Policy Framework.

Summary:

On December 11, 2001, the board adopted the Facilities Policy Framework and directed staff to base facility development upon that framework. The Framework contains eight overarching objectives with 47 supporting policy statements that communicate the agency's desire to build *sustainable facilities*. Since the adoption of the Framework, six projects have been completed using the sustainable objectives outlined within the Framework: Casa Nueva, Lompoc Wellness Clinic, District Attorney Office, Hall of Records, Public Works Service Center and Children's Service Center. Of these projects, two of them have received recognition for their use of renewable energy, use of recycled materials, preservation of existing materials, and integration into the site and reduced energy consumption. The requested hearing is to update the Board and public on this progress and seek direction as to further implementation of sustainable features in all new or renovated county facilities.

Background:

Back in 2001 constructing "green" buildings was a new concept that many thought was not worth the higher cost of implementation of so called "green" features. In addition, these green feature were not well defined, but at the time included elements like reductions in water use, increased natural light and air circulation and energy efficient equipment. The state of the art has changed dramatically since that time.

As the county continues to develop new facilities and remodel its existing buildings, staff is seeking direction on implementation of mature LEED (Leadership in Energy and Environmental Design) criteria and consideration of implementation of the 2030 Challenge. The 2030 Challenge calls for the immediate reduction of fossil fuel consumption by facilities of 50% with increases to that reduction until a carbon free facility is reached. Of the four major contributors to CO₂ emissions (*U.S. Energy Information Administration, 2003*), the construction and operation of facilities are responsible for at least 48% to as much as 76% of these emissions. Any reduction in these emissions will benefit the public, county staff and the county utility budget.

Performance Measures:

Implementation of LEED/2030 will support the following GS RPM:

1. BOS RPM 061: Healthier Communities Initiative.
2. CEO RPM 0085: Provide Funding for Deferred Maintenance projects.
3. GS RPM 0223: Annual reduction of utility costs

Fiscal and Facilities Impacts:

Budgeted: Yes No

Fiscal Analysis:

Staffing Impact(s):

Legal Positions:

FTEs:

Special Instructions:

Forward a copy of the Minute Order to the County Architect, 1100 Anacapa Street, East Wing.

Attachments:

- Staff Report
- GSA-LEED Applications Guide
- Excerpts of the GSA LEED Cost Study

Authored by: Robert Ooley, AIA (County Architect)

cc:

References:

Ord. 4452: COB file number 02-00209

Facility Policy Framework: <http://www.gs-cares.com/CapitalProjects/FacPolFramework.asp>

LEED: <http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

2030 Challenge: <http://www.architecture2030.org/>

Federal GSA-LEED Applications Guide: <http://www.wbdg.org/ccb/GSAMAN/gsaleeda.pdf>

OCA Public Opinion Poll: G:\Capital Projects\A02. Planning Projects\ro ASP717 - 8630 Facility Master Planning\Facilities Master Plan\Public Opinion Survey

Santa Barbara County Code: <http://bpc.iserver.net/codes/stbarb/> (Chapter 12A, Article IV)