

# CHANDLER

## BUILDING & DEVELOPMENT

EXPERT. PERSONAL. GREEN

CHANDLER BUILDING & DEVELOPMENT  
PHONE: [408]730.5626  
FAX: [408]730.5654  
WWW.CHANDLERBUILDING.NET

ECOPROACH  
PHONE: [408]720.8727  
FAX: [408]730.5654  
WWW.ECOPROACH.COM

1476 BELLEVILLE WAY  
SUNNYVALE, CA 94087

Summer 2010

Page 1



## New CA Green Standards Setting the Example Internationally

California has adopted a reputation throughout the nation for leading the way in environmentally friendly, energy efficient changes. In January 2010, we have once again set a precedent by instating the first statewide Green building standards, entitled CALGreen. They will be fully implemented on January 1, 2011.

The CALGreen standards consist of five main components that are applicable to all new construction:

- 20% minimum reduction of indoor water use, with voluntary goals up to 40%
- Nonresidential buildings must have separate indoor and outdoor water meters and moisture sensing irrigation systems for large landscaped areas
- 50% of construction waste must be diverted from landfills at a minimum
- All buildings larger than 10,000 square feet will be required to have energy

system inspections to ensure all heating, cooling, and mechanical equipment is fully efficient

- All indoor finishes, such as paint, carpet, vinyl flooring, and particle board are to be low-emitting in terms of pollutants

The California Air Resources Board estimates that by 2020 three million metric tons of greenhouse gas emissions will be eliminated with these standards in addition to reducing energy consumption, landfill waste, and water waste!

An important distinction is that CALGreen introduces *minimum* Green standards mandated for the entire state, but many individual cities have their own, more stringent, standards to reduce pollutants and inefficiency locally and meet citywide goals or county goals. What a great time to live in an eco-conscious, progressive state!

## Editorial

by Will Chandler, GCP  
The PACE program comes to the South Bay Area!

In this issue we will be talking about the Property Assessed Clean Energy (PACE) bonds that have been a great success in the North Bay Area. Now they are making their way south to the Silicon Valley. Soon there will be a way for homeowners to access low interest loans to complete GREEN home upgrades and retrofits. Read more on our story on page 3.

Also highlighted in this issue is ecoProach's (a division of Chandler Building) role as a judge in the San Mateo County's "Biggest User" contest. The winner will win a free energy audit and \$1,000 towards any energy upgrades and/or retrofits! This story is also page 3. We are very proud to be part of a great event. As always your comments are appreciated.

[will\\_chandler@comcast.net](mailto:will_chandler@comcast.net)

**Building News**  
Page 2

**Chandler News**  
Page 3

**Product Place**  
Page 4



## Contractor's Corner

Chandler Building & Development is a proud member of the National Association of the Remodeling Industry (NARI), the premier professional association for contractors. To become NARI certified, we have met and adhere to the NARI Code of Ethics to "observe high standards of honesty, integrity and responsibility in the conduct of business" through:

- Promoting products and services that are known to be functionally and economically sound, and which are known to be consistent with objective standards of health and safety.
- Making all advertising and sales promotion factually accurate, avoiding those practices which tend to mislead or deceive the customer.
- Writing all contracts and warranties such that they comply with federal, state, and local laws.
- Promptly acknowledging and taking appropriate action on all customer complaints.
- Refraining from any act intended to restrain trade or suppress competition.
- Attaining and retaining insurance and licensing/registration as required by federal, state, and local authorities.

## Building News

### PACE Bonds Available Soon in South Bay!

PACE (Property Assessed Clean Energy) Bonds can help to "dramatically accelerate" building retrofits to more energy efficient and environmentally friendly upgrades. This program allows local governments to finance projects on private property, from residential to industrial. Many of us want to do more for our families and the environment by reducing our energy consumption, but lack the funds to initiate any large-scale home improvements. PACE introduces a method for families and private companies to commence retrofits by providing the large upfront cost.

PACE borrowers are commonly required to repay the bond in fixed payments as part of property taxes over a twenty-year period. Although a government bond, participation is completely voluntary and the bond may be used for approved technology such as solar panels.

The PACE program originated in Bay Area's very own Berkeley, California and is spreading into municipalities across the nation. Nineteen states have passed legislation approving PACE bonds, and at least three more are passing it soon. San Francisco's recent launch of this amazing opportunity for \$150 million (the largest PACE program thus far) was a great success and we cannot wait for South Bay counties to clear it for go!

Interested in offsetting some costs to better your home energy usage and help the environment? Contact your county today about PACE Bond opportunities!



## Chandler News

# ecoProach

The eco-Logical approach to a GREEN home

ecoProach, a division of Chandler Building & Development, is excited to be a judge and sponsor for San Mateo County's Biggest User Contest! As a sponsor and judge aligned with Sustainable San Mateo County, San Mateo Energy Watch and RecycleWorks, we want your homes to be more energy efficient, eco-friendly, and comfortable. By utilizing this fun, interactive method that encourages a scientific approach to determining health and energy concerns for your home while helping San Mateo County reach greenhouse gas emissions reduction goals and stimulate local business.

Four winners will be awarded a free comprehensive energy and energy usage analysis report and up to \$1000.00 in energy efficient home improvements and updates, including design plans, products and features, and installation by home improvement professionals.

To enter, you must be eighteen years of age, a resident of San Mateo County, and have owned your single family dwelling since April 1, 2010. The Biggest User Contest commenced on April 29, 2010 and the deadline for final submissions is September 7, 2010.

If you meet the aforementioned criteria, the next step is to complete the online registration form in English and follow the given directions. In addition to contact and home information, a brief narrative on why you are the Biggest User is required, and including photos or video of the home is recommended. All submitted info will be confidential and only viewed by contest judges and will not be given to any third party.

For more information, visit the Biggest User contest page at: <http://www.sustainabilityhub.net/contest/biggest-user-rules/>



### Client Story

*"Chandler Building & Development is one of the best general contractors in the business. Not only did they create the plans for my restaurant remodel, but they also helped me through the health department approval process. When they say full service, they really mean it! I recommend them to anyone looking for a quality contractor with a personal touch."*

- F. Mills from Milpitas, CA

### Did you know?

- The typical homeowner spends 40% of their energy bill on wasted energy?
- As much as 30% of the air in your home enters through a dirty crawlspace or attic?
- That poorly installed insulation can lead to mold issues?
- Most of these problems can be fixed cost-effectively to provide better comfort, health and

## Product Place

# Radiant Barrier Sheathing



The two main advantages are:

- **Eco-Friendly** – Energy Star rating and Sustainable Forestry Initiative Certified
- **Cost savings** – Reduces unwanted heat entering the home and wanted heat from escaping

Pictured: Georgia-Pacific Thermostat Plytanium Plywood with Radiant Barrier Sheathing

Radiant Barrier Sheathing is a new product where a special layer of highly reflective aluminum foil/kraft paper laminate is within the plywood. This layer of sheathing acts similar to a mirror to help reflect heat waves away from the home, thus reducing indoor heat.

At Chandler Building & Development, we always use Georgia-Pacific Thermostat Plytanium Plywood with Radiant Barrier Sheathing because it comes with a Lifetime Limited Warranty, is able to reduce heat flow through the ceiling up to 50%, reflect 97% of radiant heat, has received the Energy Star rating, and is certified by the Sustainable Forestry Initiative.

Radiant Barrier Sheathing is typically applied to the roof of a home, controlling air, heat, and energy flow between the roof or attic of the home and the great outdoors. This allows your heating and cooling systems to work more efficiently (reducing cooling-energy consumption up to 17%) and increases appliance and duct efficiency by not forcing them to control attic temperatures.

For more information, visit:  
<http://www.gp.com/build/product.aspx?pid=1398>

From your friends at:

**CHANDLER** -- **ecoProach**  
BUILDING & DEVELOPMENT     The eco-logical approach to a GREEN home.  
EXPERT. PERSONAL. GREEN.

1476 Belleville Way  
Sunnyvale, CA 94087