



# MEMORANDUM

## TOWN OF PORTOLA VALLEY

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**Portola Valley Home Energy Conservation and Green Design Workshop**  
**April 5, 2008 – 9am to noon**  
**Corte Madera School MUR**

### Agenda

- 9:00 Welcome – Steve Toben
- 9:15 Carbon metrics – Stefan Unnasch  
The Town's carbon goals: AB 32  
Carbon reductions needed to meet goals
- 9:35 Green building programs and standards – Ann Edminster  
What IS green building?  
GreenPoint Rated Checklist overview
- 9:55 Panel discussion: case studies  
Minor remodel/renovation – Clay Baker  
Major remodel/addition – Carter Warr  
New home – Peter Duxbury, Carmel project  
New home – Ann Edminster, Yates/Holland project
- 10:45 Facilitated small group discussions  
Green building in practice  
Directions for the Town
- 11:25 Plenary discussion and wrap-up – Steve Toben  
General observations and impressions from participants  
Concerns/issues encountered  
Aspirations, recommendations, conclusions  
Feedback form and next steps
- 11:55 Introduction to optional green home tour – Iris Harrell
- 12:00 Workshop concludes and tours begin, continuing until 2:30

*Special thanks: Carol Borck, Danna Breen, Anne Campbell, Maryann Derwin, Iris Harrell, Paul Holland, Kathy Hoskin, Treena Joi, Leslie Lambert, Sharon Hanlon, Angela Hey, John Mashey, and Linda Yates.*

*For more information, please visit [www.coolPV.com](http://www.coolPV.com).*

## Feedback on Home Energy Conservation and Green Design Workshop

Name (optional):

1. Was this event helpful to you? How could it have been improved?

2. What additional information and programs would be useful to you regarding the "greening" of your home and the Town's efforts to meet AB 32 goals?

3. The Town is considering additional workshops of this kind. What topics would be of interest to you?

4. The Portola Valley Climate Protection Task Force is planning an array of educational programs to engage residents in energy conservation activities. Are you interested in participating in the Task Force? What skills and interests would you like to offer the Task Force?

5. Comments and suggestions for the Town Council regarding the Town's goal to meet the AB 32 targets for greenhouse gas emission reductions:

Please deposit this questionnaire in the drop box at this workshop, drop off at Town Hall, or email to [llambert@portolavalley.net](mailto:llambert@portolavalley.net)

## **Consulting Professionals, Portola Valley Home Energy Conservation and Green Design Workshop, April 5, 2008**

**Clay Baker** is a Portola Valley home designer and has been designing homes in the Bay Area for 13 years. Clay grew up working in residential construction and after college went to work for a company that makes Computer Aided Design software for architects and engineers. His firm, Clay Baker Design is a unique, full-service residential design firm that specializes in high-performance green homes and custom modular homes. Clay Baker Design has completed projects in Portola Valley, Sonoma, Tiburon, San Francisco, Hillsborough, Millbrae, Burlingame, Woodside, Redwood City, Menlo Park, Los Gatos, San Mateo County, Santa Barbara and Los Angeles. Clay currently has three Portola Valley projects in early design stages that will utilize green building strategies and high-performance systems. Clay is a member of the U.S. Green Building Council, an Associate member of the AIA, and recently served on the Town's Ad Hoc Basement Committee.

**Jeff Clark** is an architect with twenty years experience working on the Peninsula and is owner of JMC Design/Build. He is a member of the Portola Valley ASCC, has completed a few remodel projects in town, and has been a resident for five years.

**Peter H. Duxbury** is the principal of Duxbury Architects. He has designed and been involved with more than 26 projects in Portola Valley, half of those being new houses. He is particularly interested in the design and geometry of houses as they correspond to the sun, employing passive heating and cooling, day lighting and integrating active alternative energy sources. He has been doing work in Portola Valley since 1990.

**Ann Edminster** is an internationally recognized green building consultant and author. Her work focuses on building materials, systems, and their holistic integration into high-performance projects. She is a principal author of the LEED [Leadership in Energy and Environmental Design] for Homes Rating System and a member and past co-chair of the US Green Building Council's Materials and Resources Technical Advisory Group. She consults to developers, homeowners, builders, design firms, supply chain clients, investors, and public agencies and serves as an advisor to several private companies. She has both a bachelor's and a master's degree in architecture and has designed more than 100 home remodels. Her own home remodel won a green building award in January 2007. She is the green building integration and LEED consultant for the Holland-Yates design team.

**Iris Harrell** is Founder and CEO of Harrell Remodeling, Inc. The Harrell Remodeling team of architects, designers and builders have designed and remodeled many homes in Portola Valley, including most recently, Iris' own home located in Portola Valley Ranch. She is particularly interested in all aspects of Green Residential Design and Remodeling as well as Universal Design. Universal Design is an integral aspect of Green as it allows homeowners to have accessibility features designed and built into their current home thus allowing them to stay in their homes longer. Iris is a Certified Green Building Professional, a General Contractor and Certified Kitchen and Bath Designer. She has been a resident of Portola Valley for sixteen years. Iris's remodeled 'green' home will be available for a tour directly following today's presentations. Transportation will be available to and from her home courtesy of the staff of Harrell Remodeling.

**John Hermansson** is principal of Hermansson Architects and The Architectural Machine, with a specialty in sustainable design and building energy consulting. He is author of The Green Building Resource Guide ([www.greenguide.com](http://www.greenguide.com)), and his projects have received recognition with awards from Sustainable San Mateo County for sustainable residential design and from Palo Alto Stanford Heritage for residential design that combines sustainable building practices with historically sensitive remodeling (<http://gallery.mac.com/john.hermansson#gallery>). He has practiced architecture on the Peninsula for 25 years.

**Sharon Refvem** is a Senior Associate with Hawley Peterson & Snyder Architects in Mountain View. She has served as Project Architect on several of the firms' projects, including projects for the David and Lucile Packard Foundation, The Gordon and Betty Moore Foundation, and the William and Flora Hewlett Foundation which was the first LEED Gold rated building in California. She also provides green building consulting services to the City of San Jose, as well as other cities, organizations and architectural firms. She is a founding member and past President of the U.S. Green Building Council's Northern California Chapter. She was raised in Portola Valley.

**John Richards** started the firm F. John Richards Architect in Portola Valley 23 years ago. Beginning with his own Passive Solar house in 1985, he has produced over 60 projects in Portola Valley, including 20 new homes and guesthouses. Energy efficiency and sustainability have always played a central role in his designs, and he welcomes this opportunity to help Portola Valley lead by example. John was raised in Portola Valley and has been a resident for a total of 39 years.

**Stefan Unnasch** is a General Partner with Life Cycle Associates, a consulting firm specializing in the analysis of fuels and clean energy technologies. Over the past 25 years he has worked on numerous projects supporting state, Federal, and international efforts to examine the greenhouse gas impacts of electric power production and alternative fuels. California's Zero Emission vehicle program and the Low Carbon Fuel Standard have relied on his well to wheels analysis of vehicle emissions. Stefan and his wife moved to Portola Valley in 2001.

**Carter J. Warr** is the founder and principal of CJW Architecture in Portola Valley. He has designed dozens of residential and institutional projects in Portola Valley and throughout the state. He is a member of the Portola Valley ASCC and a longtime resident of the town.