



March
2006

Volume 13
Issue 3

The eNewsletter of the Sustainable Building Coalition
P.O. Box 49381, Austin, TX 78765-9381 www.greenbuilder.com/sbc

In This Issue...

SBC Monthly Meeting

Materials:

Fiberglass Windows

Materials: Glass Cullet

Local Events

Local Workshops

Local Plant Workshops

Workshops in Other Places

Coordinators Committee

Membership and Renewal

SBC Calendar:

March 15

SBC Monthly Meeting at Casa de Luz: "Natural Building: Traditional Methods in Contemporary Cottages" by local cob builder Kindra Welch

March 25

SBC Booth at the Sustainable Shoppers Ball (see p.)

April 18

SBC Monthly Meeting at Casa de Luz: Summer and Your Indoor Air Quality; or, What Happens When You're Sealed in Your Air Conditioned Bunker with the Windows Shut from May [June?] to September [October?] by John Alvord, SBC member and co-owner of Environmental Depot

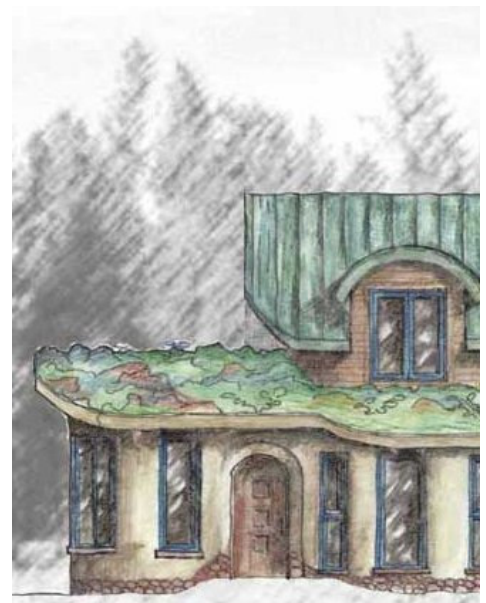
March 15 Monthly Meeting: "NATURAL BUILDING: Traditional Methods in Contemporary Cottages" presented by Kindra Welch

Toxicity in buildings is a fairly recent human invention. For the most substantial part of our history we have sheltered ourselves with beautiful, loved structures built by the hands of our family and friends. These homes were built with various combinations of whatever materials were found locally. There were no dumpsters sitting outside the jobsite; excess materials were blended back into the earth. Every wall displayed the touch of human hands. Today we can have all of that, and indoor plumbing too.

Kindra Welch will present what natural building means and why it is important to the stewardship of our planet. Through visual images and discussion, she will examine many uses and combinations of materials such as clay, sand, straw and local wood.

Trained as an architect, Kindra sailed out into the world hoping to leverage her skills towards serving those with the greatest need rather than the most money. After participating in the apprenticeship program with Cob Cottage Company in Oregon she traveled and worked with many natural builders including Cobworks, HouseAlive!, Eco-village Training Center (The Farm, TN) and Betty Seaman of Spirit Pine. During the summers of 2005 and 2006 she is leading family and friends in the construction of a cob-adobe-bale hybrid in the mountains of New Mexico. Meanwhile after a decade of travel and education she is in the process of setting up base in her hometown of Austin to fuel Texas' natural building movement as a professional builder and instructor. Website: ClaySandStraw.com

SBC meets every 3rd Wednesday of the month at 7 pm at [Casa de Luz](#), 1701 Toomey Road in the Cielo Room. You are welcome to join us before the meeting at 6 pm for a wonderful macrobiotic meal at Casa de Luz.



Materials: Fiberglass Windows by Megan Clark

Before we get to this month's material, I want to say thank you to those who have written with comments and suggestions, and to encourage more folks to write in to me @ meganann@mail.utexas.edu. These suggestions help to ensure that the topics reflect your interests as readers of the column!

OK, down to business. Whether energy-efficiency is of concern to your pocketbook or your conscience, one way to reduce your home's energy consumption is to install new windows. In Austin, where there are more cooling **degree days** than heating degree days, the primary concern is selecting window systems and shading devices that minimize heat gain. (*for more information on degree days see www.weather2000.com/dd_glossary.html*) According to EnergyStar, in a cooling-dominated climate heat gain through windows accounts for up to 50% of the energy needed to cool a house or compact building. These gains are attributed to the combined thermal properties of the glass and framing components, and can be manipulated by using multiple layers of glass, applied films, layers of inert gas, and more efficient framing materials. (www.energystar.gov) With the range of options on the market today you may find yourself turning to both pocketbook *and* conscience for guidance, so this month's column aims to help you make a more informed decision, with exclusive attention given to framing materials.

Energy-efficiency alone does not define sustainability, so we will look first at the material characteristics and then at the thermal performance of newcomer fiberglass as compared to traditional hardwood, aluminum, and vinyl (PVC) frames. Fiberglass is manufactured through a process called **pultrusion** whereby strands and/or webbed mats of glass are pulled through a tub of resin, transferred to a mold, and heated to induce chemical reactions which solidify the composite materials into a rigid frame. Rigidity is measured by the **coefficient of linear temperature expansion** which describes the difference in material dimension as a result of a one degree temperature change. (<http://en.wikipedia.org>) The coefficient, then, for fiberglass is 4×10^{-6} in

in/[°]F, which is roughly equal to the coefficient of oak, but $1/3^{\text{rd}}$ that of aluminum, and $1/7^{\text{th}}$ that of PVC, meaning that it is less subject to expansion and contraction than those materials. (www.engineeringtoolbox.com) At 6,618 kWh/ton fiberglass also has a lower embodied energy than either virgin aluminum or PVC, estimated to be 57,327 kWh/ton and 17,673 kWh/ton, respectively. Hardwood, and kiln-dried timber specifically, maintains a low profile at 509 kWh/ton, less than half the average annual energy use for a Texas household. (*based on 1,184 kWh/year energy use: www.cpsenergy.com; www.vuw.ac.nz*) It is worth mentioning that both aluminum and PVC can be recycled, and that manufacturers offer recycled content aluminum and PVC frames with significantly lower embodied energy.

Thus far, hardwood has been quite a competitor, but what about its durability? Fiberglass has a reputation for material longevity, with low risk of decay if treated with urethane. Wood, on the other hand, is susceptible to moisture damage that can produce rot and/or cracking in spite of surface treatments. This is particularly true in our humid climate and in conditions where the windows are not properly sheltered from rain water build-up. Moisture is less of a threat to aluminum and PVC, but the sensitivity of these materials to temperature changes can compromise the integrity of framing joints and seals. In the case of PVC, this sensitivity can be ameliorated through the use of lighter colors that absorb less heat, and through integrated aluminum stiffeners at the cost of additional embodied energy. Color is added to both PVC and fiberglass in the manufacturing stage, and it is therefore unnecessary to reapply paint or stains that contribute to VOC pollution, as with wood or aluminum. The trouble here is that PVC coloring

is more prone to fading.

You may still be wondering, "doesn't fiberglass create pollution during the manufacturing process?" The answer is yes, the use of styrene gelcoat and urethane topcoat contributes to both air and water pollution. Tests run by the American Composites Manufacturers Association (ACMA) and manufacturer BYK-Chemie show that **reduced styrene resins** and **vapor-suppressed resins**, relatively new manufacturing innovations, can reduce styrene emissions by up to 50%. An additional 50% emission reduction is possible by converting to a **resin infusion technique** that minimizes resin exposure and eliminates overspray common to traditional techniques. (<http://mntap.umn.edu>) The results, however, do not suggest that combining these techniques would result in 100% emission reduction. There are similar concerns associated with PVC, where significant argument can be made against the unavoidable release of dioxin and other confirmed carcinogenic gases throughout the production, recycling and disposal of PVC products. (*for more information on PVC see www.healthybuilding.net/pvc/ThorntonPVCSummary.html; www.ejnet.org/dioxin/*)

The data for thermal performance is more straightforward. Fiberglass framing with double-glazed clear glass receives a U-value of 0.44 BTU/hr-ft²-°F, meaning that one square foot of window area conducts 0.44 units of thermal energy per hour with a one degree change in temperature. (www.allaroundthehouse.com/lib.glosry.htm#U) Next up are wood and vinyl frames at 0.49 BTU/hr-ft²-°F, followed by aluminum frames with thermal break at 0.63 BTU/hr-ft²-°F, and standard aluminum frames at 0.76 BTU/hr-ft²-°F. (www.efficientwindows.org) The hollow construction of both fiberglass and

(Continued on page 3)

Materials: Fiberglass Windows, cont.

(Continued from page 2)

vinyl frames makes it possible to incorporate additional insulation that lowers the U-values, though fiberglass remains the leading performer. (www.eere.energy.gov)

So how do all of these complexities balance out? That is the million dollar question. Is it ok to purchase a product that emits toxins during the manufacturing process as long as it will remain intact for the next 50 years? What about a product that emits comparatively little during the manufactur-

ing process but requires frequent maintenance? And what happens when we learn that the heat gain previously attributed to the thermal properties of framing and glass should be partially attributed to infiltration? Or when we learn that in our Austin climate an increase in insulation may not produce significant energy savings during the summer months? In truth, there are as many answers as there are consumers, so keep seeking information through organizations like Austin Energy's Green Building Program (www.ci.austin.tx.us/greenbuilder), the

Efficient Windows Collaborative (www.efficientwindows.org), and University of Minnesota's Window Systems for High Performance Buildings (www.commercialwindows.umn.edu/). And if you do decide to make some changes, check out Austin's own EcoWise (www.ecowise.com), GoodCommonSense.net (www.goodcommonsense.net), and Environmental Depot (www.environmentaldepot.us) for weatherstripping, shading and window accessories.



Materials: Glass Cullet

Attention Builders, Homeowners and Artists/Inventors
A Free, Recycled Construction Material: Recycled Crushed Glass

Are you in need of a free material for use as decorative mulch, backfill, or pipe bedding? These are just a few of the uses for the City of Austin Solid Waste Services Department's glass cullet, the crushed glass resulting from the City's curbside recycling program. Bottles and jars recycled by Austinites are ground up into a mix of 1/8" and 3/8" pieces of glass with edges smooth enough to walk on with bare feet.

There are many uses for this sparkling, hard, colorful glass cullet. It can replace aggregates such as crushed granite and sand; can be used as drainage layers under flower beds, around French drains, and backfill; and

can be used for driveways or walking paths, ashtray fill, and golf sand traps. It can even be layered on muddy roads to help with drainage, traction and dust control. Visit <http://www.andelaproducts.com/glassuses.html> to see how Grand Canyon National Park and The Town of Taos made use of pulverized glass. Glass recycling best practices from Clean Washington Center (CWC), <http://www.cwc.org/glass.htm> includes reports such as "Case Studies for the Use of Post Consumer Glass as a Construction Aggregate", "Construction Inspector's Guide to Recycled Glass Aggregate", "Using Recycled Glass as a Hydroponic Rooting Medium".

According to a CWC report, recycled glass sand is non-crystalline and therefore safer than sand, so OSHA considers it only a "nuisance," as opposed to sand, which it considers a "hazard."

Also, they found that bottle glass aggregate ("gravel") is "soft" glass, so it is no more dangerous than crushed rock.

The City of Austin produces 400 tons a month and would like to give some of this away to you. Or better yet, they would like to find people who will make use of large amounts of cullet on a regular basis. So, get creative and see how you can incorporate this excellent recycled material into your construction, landscape, and/or art projects!

Contact Katherine J. Murray, Waste Diversion Planner, City of Austin Solid Waste Services, Katherine.Murray@ci.austin.tx.us, (512) 974-9043, www.austinrecycles.com for further information, samples or to make an appointment to pick up some glass for your project.

Local Events

Winter Series of Talks. Thursdays, 7:00-9:00 p.m. Free and open to the public. At Habitat Suites Hotel, 500 Highland Mall Blvd. (just north of Highland Mall.) Brought to you by TIPS, the Texas Institute for Practical Sustainability (dpierce@ail.org, Selwyn@austintx.com, www.austinprogressivecalendar.com)

Sponsored by Habitat Suites - 500 Highland Blvd. – Austin's Only Permaculture Hotel

March 16 Winter Series of Talks #7: **Good Soil Is Alive - The Soil Food Web.** See amazing micro-video of the "soil critters" that allow our world to live & prosper. Dr. Pat Richardson of UT will wow us with her great videos of the soil food web - in full color and wiggly delight.

March 23 Winter Series of Talks #8: **Restoring Soil, Managing Water, Helping Nature.** IA soil/plant professional talks about how we can help Nature bring us abundance.

March 30 Winter Series of Talks #9: **Eco-Villages and Intentional Communities.** See slides and video of eco-villages in the U.S. and throughout the world; hear how they work. Includes Earthaven Ecovillage in North Carolina.

April 6 Winter Series of Talks #10: **Community - Thoughts and Options for Your Community.** Co-mmunity, Co-Housing, Co-operation, Co-operatives, Co-mingling, Co-_____

March 25 **"The Sustainable Shopper's Ball!"** is Austin's outdoor green living market. We are hosted on site with the award winning Sunset Valley Farmers Market. (See the article below.)

April 15th **Austin Nature Day.** Austin Nature Day, patterned after the highly successful Austin Museum Day, is a new annual event in Austin designed to celebrate the beauty, vitality, and diversity of natural resources that contribute to our high quality of life. Whether one wants to recreate, relax or learn about our environment, over twenty organizations at over fifteen locations in the Greater Austin area have created unique programs and events to make it happen.

www.austinnatureday.org

April 22 **Earth Day! 100 Green Gates** installed around Austin.

April 22nd and 23rd. R.U.S.T. **Radical Urban Sustainability Training.** Presented by The Rhizome Collective. An intensive seminar in urban ecological survival skills: For a list of topics and hands-on demos, see the January 2006 SBC News or visit the web site: www.rhizomecollective.org/rust.html, 512 294 9580 or events@rhizomecollective.org

May 21, 2006, noon-6:00 pm, **Austin Cool House Tour.** Presented by Austin Solar Energy Society. Talk to the owners, architects, builders and installers. Purchase the Guidebook after May 1, for \$10 per person. Homes range from affordable to high-end custom and feature. All proceeds benefit the Texas Solar Energy Society.

For details, call 512-326-3391, email: info@txses.org, web <http://txses.org/>

For other events, local, national, and international, check the postings on the calendar at www.greenbuilder.com, or even post your own event.

"The Sustainable Shopper's Ball!"

Go

"The Sustainable Shopper's Ball!" is Austin's outdoor green living market. We are hosted on site with the award winning Sunset Valley Farmers Market. Join us at Toney Burger Center, Saturday, **March 25, 2006 from 9:30a - 3:00p.m.** to "Celebrate a Sustainable Austin!"

Shop

Spend the morning with us and be surrounded by over 50 local vendors and educators of Austin-centric green living. Our first event features eco-intelligent goods and services of all sizes, as well as numerous fun activities the whole family can enjoy.

Eat

Taste delicious organic food. Grown and prepared locally by some of Central Texas's finest.



Think!

The first of a 4 part series, this month's theme is "Spring Into Organic Growing." Take in a 45 minute lecture about organic gardening, landscaping, and permaculture from none other than John Dromgoole, Selwyn Polit, and Cathy Nordstrom. Also on site for Q&A is local eco-guru, Brandi Clarke.

What Else?

The Sustainable Shopper's Ball is FREE & open to everyone. Bring your children to witness "green kid songwriter" Laura Freeman and the vigorous dance moves of the Clickety Cloggers. View an Austin Green Gate and other Green Art created especially for the event. Enjoy a special solar-powered rock concert by David Garza. and have a ball!



See you there!

For More Info please visit our website: www.sustain-a-ball.org
Or email us: admin@sustain-a-ball.org

Volunteer for the Sustainable Building Coalition Booth! Hang out with your SBC friends! Contact Yvonne Hansen, the Clipboard Lady, <http://www.greenbuilder.com/sbc/contact>.

Local Building Workshops

Cob Home Builder Workshop April 22-29, 2006



Join us for a week of natural building construction and education in the beautiful Texas Hill County! Workshop participants will engage in the construction of a rustic caretakers' cob cottage on secluded acreage near Fredericksburg, TX. Our 6 full days of workshop activity will cover cob construction from start to finish including: siting, design, foundation, wall construction, tractor cob, earthen floors, windows/doors, roof, plasters, arches, niches and relief sculpture. Guest speakers will complement our building process with presentations on topics relating to natural living. This is a perfect opportunity for those with cob dreams to learn the entire process and bounce ideas around with experienced builders. Gourmet vegetarian meals will be prepared daily by our magnificent hostess and talented chef. Our site provides camping, indoor gathering spaces, composting toilets, fire circle, a year round creek, wildflowers and natural serenity. Come build in partnership with the earth!

Kindra, Chris and MaryAnn ♦ ClaySandStraw.com

Cost per person: \$550 early registration—before March 20 (\$600 after March 20). Includes meals, snacks, camping, handouts, slideshows, lectures, hands-on work sessions and private consultation with instructors about your potential or ongoing projects. Discounts for couples. Limited work-trade available.

For registration materials please e-mail: kindra@claysandstraw.com or call (512) 663-3166
Gayle Borst, AIA, LEED AP Stewardship, Inc. Austin, Texas
512-478-9033 www.StewardshipArchitecture.com

LEED for New Construction (LEED-NC) Technical Review Workshop April 24, 2006

8:30 AM – 5:00 PM at The University of Texas at Austin (Register for exact location information)

Attend the LEED for New Construction (LEED-NC) Technical Review Workshop presented by the **U.S. Green Building Council**. Gain the knowledge to maximize building performance, achieve LEED certification, and take the LEED Professional Accreditation Exam.

WHAT IS LEED? The LEED (Leadership in Energy and Environmental Design) Green Building Rating System is a voluntary, consensus-based national standard for developing high performance, sustainable buildings. US Green Building Council's members, representing every sector of the building industry, developed and continue to refine LEED.

WHY LEARN ABOUT LEED? Ask any of the 2000 building owners seeking LEED certification right now. Owners and developers are demanding green buildings that save money while protecting the environment and occupant health. The USGBC's LEED Rating System is the nationally recognized standard for green buildings. LEED is already being used by green building projects in all 50 states and the market continues to grow.

WHO SHOULD ATTEND? Industry professionals seeking to increase their knowledge of the LEED-NC Rating System and green building strategies, benefits and resources:

Architects Engineers Designers Contractors Manufacturers Developers Owners Consultants

WHAT'S COVERED? ♦ Green building costs and benefits ♦ LEED-NC technical requirements ♦ LEED-NC certification process ♦ LEED-NC project case studies and strategies ♦ Available tools and resources ♦ LEED Professional Accreditation Exam overview

USGBC workshops are conducted by the top green building practitioners in the country. Workshop registration includes educational materials, lunch, online access to the LEED-NC Resource Guide and LEED resources. Workshop attendees receive discounts on the hardcopy LEED-NC Reference Guide at registration.

Continuing Education Credits are available: AIA ♦ IFMA ♦ IDCEC ♦ BOMI

REGISTRATION

To register for this or any USGBC workshop, visit www.usgbc.org/Products & Services/Workshops/LEED-NC

Early registration (before 4/17) for USGBC Members \$325 Early Registration for non-members \$425

Late registration (after 4/17) for USGBC Members \$355 Late registration for non-members \$475

Student Registration Rates: For information on our \$150 student rate, please contact workshop@usgbc.org as space may be limited

Hosted by the USGBC Central Texas Balcones Chapter Sponsored by The University of Texas at Austin School of Architecture

Local Building Workshops, continued

Photovoltaic Design and Installation. Solar Energy International

March 20-25. Lady Bird Johnson Wildflower Center. \$750 (by Feb. 20, 2006: \$675) Participants learn how to use PV (photovoltaic) technology to produce their own electricity from the sun through practical design and installation of PV systems. Participants learn system sizing, site analysis, hardware specification and component selection. The workshop covers typical applications and case study examples. Install an operational system in the field and learn the proper use of tools and safety precautions. For the beginner who wants to use PV or for those seeking employment in the solar industry.

This workshop is certified by the Institute of Sustainable Power and fulfills one of the requirements for national photovoltaic certification. For information and registration: <http://www.solarenergy.org/workshops>.



Spring is Here! Local Plant Workshops

Texas Native and Medicinal Plants Outdoor Spring Apprenticeship 2006

There will be two sections. One follows the other, so it is completely appropriate to do both.

Outdoor Spring Section 1: Sundays, four consecutive weeks: March 19, 26, April 2, and 9; 10 AM until 1:30 P.M.

Outdoor Spring Section 2: Sundays, April 23, May 7, May 21, and 28. approx.. 10 AM until 1:30 PM. (These hours may shift earlier depending on how hot it gets)

Bring a bag lunch, water, notebook/sketchbook.

Wear boots and long pants to protect legs and feet. Hats, sunglasses, etc, recommended.

Cost: \$150 each section, \$265 for both.

Space is limited; Please talk to me if you need to discuss trade, work-study, or payment plans.

We will visit 7 different locations around Central Texas (one location we will visit twice). Our focus will be on learning the plants from the inside out: through experience in the field, plant spirit medicine meditation, sketching and/or journaling, and, finally, through proper botanical identification. "Lecture" will be secondary to experiential learning. My goal is for you to learn how to really SEE the plants growing around us, to notice them, get a feel for whether something may be medicinal or edible or not, to really get to KNOW the plants so that next time you come across them when I am not there, you will be completely certain of the plant and will feel like it is a familiar friend and ally. We will also discuss fresh plant medicinal making.

Our focus will be on Texas native and naturalized medicinal plants, with edible plants thrown in as they are encountered. It is spring, so we are going to be able to meet a lot of wonderful medicinal plants, drought or not!

A \$50 deposit per section (so \$100 for both) will hold your spot, if space is still available.

Call (512) 476-8422 or email ginger@texasmedicinals.com to confirm, then mail to:

Ginger Webb

1616 Canterbury St

Austin TX 78702



Green Corn: Organic Gardening Learning and Volunteering Opportunities

Want to learn more about organic gardening, help others grow their own food, meet new people, have fun? Join **Green Corn Project** this spring at one of our volunteer events or our workshop! We need folks to help build gardens for families and individuals in need on the weekend March 25-26 from 9am to 4pm. Or, if you would like to learn to grow more organic vegetables than you ever have before, join us at our Biointensive Gardening Skills Workshop on March 18 from 9am to 4pm at the **American Botanical Council**. Visit our website at www.greencornproject.org or call us at 249-3171 for more information on signing up! Green Corn Project is a 501(c)(3), Austin-based, all volunteer organization.

Workshops in Other Places

Light straw-clay events presented by Robert Laporte and/or Paula Baker-Lapaorte in **Santa Fe, NM**:
April 10 - June 30. EcoNest Apprenticeship Program
April 24-30. EcoNest Builder Training
April 27-30. EcoNest Hands-On Workshop
May 6-7. Seminar: Turning Your Dream into Reality
Contact: info@econest.com or www.econest.com/calendar.
Robert Laporte conducts straw/clay workshops of various durations, usually in New Mexico. Look here and see stunning homes from "tiny" to normal size. No nails. Robert uses Japanese-style joinery and you will learn how to do this, too.

The Last Straw Journal lists diverse natural building workshops in the **Northwest and Canada**. Go to www.thelaststraw.org for complete information.

The Lama Foundation, outside of **Taos, NM**, offers a week of a series of hands-on green building sessions including earth plasters; straw bale, cob and adobe; ecology and forest restoration, native medicinal plants, renewable energy and more. June 11-18.

www.thelamafoundation.com

Barefoot Builder. Just wanted to pass on some info from Christina Ott. They are holding several workshops in the panhandle of Florida and deep south Georgia. MUCH closer than Oregon for some of us :-)

<http://www.barefootbuilder.com>

<http://www.cobbihouse.org>

Submitted by Roze Pye.



(From Preston of the Mojave: Just received this information on a workshop in Southern California at Pine Manor nestled among the Pines of the Cleveland National Forest. It is located on the Ortega Highway just above Lake Elsinore and is centrally located between Los Angeles and San Diego. In addition to an opportunity to learn (hands on) about building a small studio cabin from the ground up, I can highly recommend the natural building atmosphere at Pine Manor. Visit the website at <http://pinemanor.com/> to see examples. Click on 'Featuring' and than 'Natural Building'. Very nice indeed. Please pass on to anyone you think might be interested. Some very nice examples of natural building using recycled, salvaged, and local materials are on the grounds.)

Women and Wood Building Workshop at Pine Manor~ April 16th-30th

Gals! Do you dream of building a studio or even a house? Join us and develop self-confidence in working with wood by constructing a small studio cabin from new, reclaimed and salvaged materials. Learn how houses are framed and built. Learn in a relaxed, friendly setting. We all live in some form of space. design your own space.

Topics will include: *Site Orientation *Material Selection *Footings, Framing and Finishes *Tool Usage *Electrical, Plumbing, and Ventilation. Participants will camp on-site, live in community and enjoy home-cooked (mostly vegetarian) meals. Pine Manor is located in Southern California on Hwy #74, 22 miles east of San Juan Capistrano and 6 miles West of Lake Elsinore in the Cleveland National Forest.

Enjoy: *Hiking *Bike Trails *Swimming (for polar bears) *Free time *Weekend natural building/permaculture lectures *Existing Cob, Strawbale and Earthbag Structures.

What to Bring: *An open mind and desire to learn, laugh and expand *Eye and Ear Protection (muffs and glasses) *Work Clothes/Footwear/Gloves *Favorite Tools *Musical Instrument *Camping Gear (for camping option)

Tuition (2 week session):

\$1250 Tuition and Camping

\$1600 Tuition and Lodging in Main House

Discount for cash. Some work trade available.

Instructor: Michael Muenzer (AKA "Munz"). Munz has been involved with building since the 80's and holds a General Contractor's License. He formed Monster Creek, Inc., a North Carolina home furnishings MFG that utilized reclaimed materials. Munz received training in cabinetry in the furniture-rich state of North Carolina. After discovering Cob and Natural Building, Munz taught and worked with Cobwork.com of British Columbia for 5 years. He is now a Builder in Residence at Pine Manor where he teaches workshops. His latest project is converting his VW Diesel truck to run on waste veggie oil. You will enjoy his supportive and friendly style of teaching.

Email: parahamunza@lycos.com Cell: 949-307-1002 Pine Manor: 951-678-2414

Mailing Address: Michael Muenzer, 32840 Ortega Hwy, Lake Elsinore, Ca 92530

Make checks payable to: "Noteworthy" (non-profit status)



SUSTAINABLE BUILDING COALITION

P.O. Box 49381 Austin, TX 78765-9381

Sustainable Building Coalition Coordinators Committee

Programs and site visits: Gayle Borst
Membership: Frieda Rinehart
Community Outreach: Yvonne Hansen
Website Development: Shirley Allaway

Treasurer & Book Sales: Frieda Rinehart
Nonprofit 501(c)(3) Committee: Ken McKenzie
Newsletter Columnists: Megan Clark and others
Newsletter Publication: Mina Loomis

All SBC Coordinators are volunteers. If you would like to contact anyone of us by email, visit the contact form on the Greenbuilder website at: <http://www.greenbuilder.com/sbc/contact>

SBC Membership and Renewals

Sustainable Building Coalition membership is open to builders, architects and anyone desiring to learn about and support sustainable building and development in all of its aspects. Dues are \$35 business member, \$25 paper newsletter member, and \$15 email newsletter members. Members receive the monthly newsletter and admission to all regularly scheduled SBC meetings and site visits. Find a membership application at www.greenbuilder.com/sbc/memberapp.pdf.

Mail applications, dues, and renewals to:
The Sustainable Building Coalition, P.O. Box 49381, Austin, TX 78765-9381
or bring to a SBC monthly meeting or event.

"The coalition exists to facilitate the organization and education of the building and design communities and the general public to foster: healthy and ecologically sound built environments - sustainable resource use - responsible and healthy businesses."

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