

Oregon: three views

Conference afterglow

IM SITTING in the airport in Portland, Oregon, about to board the plane back to reality and all the mail, email, and phone messages. Much of the significance for me was in the conversations I had, with first-time conference goers and new members as well as seasoned veterans. Don't get me wrong. The seminar presentations were as good a selection as I can remember. The number of tracks available made it even tougher than usual to decide which talks to attend.

The keynote speakers were impressive. I hope we all realize the caliber of individuals that we were privileged to have as speakers. Thank you to Chris Dancey for connecting us with Sim Van der Ryn and David Eisenberg. Tedd Benson, who had a central role in the Guild's origin and existence, spoke about his timber framing journey. He reminded us just how much has changed in a relatively short amount of time. Thirty years ago, few people even knew what timber framing was, and the number of timber framers crafting homes was small. Now there are hundreds of timber frame companies around the U.S., Canada, and internationally that are wowing us with the work they create.

We were also reminded why we are so passionate about our work. I hope Tedd doesn't mind my revealing part of a lunch conversation following the conference. We were reminiscing about how we got started in timber framing and our early experiences. Tedd and his sister Marilyn talked of their childhood home in Colorado, built in the late 1800s for a successful gold miner and acquired years later by Tedd's parents. They talked about its significant role in their lives and the history of their

See Mt. Hood, page 6



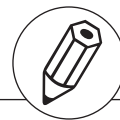
photos Will Beemer

Keynote conference sessions described in text; technical sessions in pictures. Here, Tom Gyemesi, who came over from Germany to help lead the International Timber Framing workshop.

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Seeking work in the U.S.

As an ambitious and achievement-oriented master timber framer and master roofer (aged 26) with additional skills and experience in management, I am looking for new, challenging tasks in the U.S. that allow me to apply my professional knowledge and special skills.

After my training as a timber framer, from 1999 until July 2000, I completed my community service in a country house for visiting school classes. There I had the opportunity to intensify my professional knowledge while again working as a timber framer.

In October 2000 I established my own craftsman's business. In 2003 I decided to attend the *Bundesfachschule des deutschen Zimmerhandwerks e.V. Kassel* (technical college for timber frame), studying full-time in order to achieve my master's certificates as timber framer and roofer and acquiring further professional skills.

I learn fast, am flexible, and can work under pressure. In dealing with complex problems, I act responsibly and am goal-oriented. Moreover, I quickly become acquainted with new areas of responsibility.

If you are interested in my application, please contact me via email: henning008@aol.com. Thank you.

Henning Mund

In-house health insurance, anyone?

Are any other Guild companies bypassing insurance companies and creating their own health insurance fund?

We've looked into group insurance plans a bit and are not inspired by what is offered for the cost. We're a small shop—six guys—and for the most part we're after the dental, physio, chiro, massage type of stuff (to keep our bodies going) and not the salary protection. Salary protection is available to us through the *Commission pour la Santé et Sécurité du Travail* (CSST) in Québec for on-site accidents, and we receive employment insurance through the government as well. The Québec Construction Commission offers a health plan as well, but the rates are exorbitant: \$60,000 per year for six guys!

I'd be interested to hear from anyone who has had similar ideas or experience with an in-house system. We're thinking of a pay-as-you-play system where the company would cover 60 percent of costs and the employee 40 percent, but it's not our field so we need a bit of guidance. Any thoughts are more than welcome.

Daniel Addey-Jibb

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Scantlings is the member newsletter of the Timber Framers Guild. It is published eight times yearly. Deadline is generally the 10th of the month before an issue comes out (though it often shifts).

Next deadline: June 10.

Please address contributions or information to:
Susan Witter, Editor, 2406 Williams Street,
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Wood samples requested

I am writing for my professor from Riga Technical University (RTU), Dr. Vilnis Kazaks. We, the organizers of the International Conference of Log Home Builders and Wood Construction Specialists, are gathering wood building samples from different world regions to construct maquettes (1:10) at the RTU to be displayed during the conference. We invite professionals and scientists in wood construction from different countries to participate in this challenging undertaking by sending drawings, reproductions, and photographs of noteworthy samples which the RTU students will use to make scaled-down maquettes. We ask you to send materials for wood buildings that are typical of your country.

After the conference, the displays will become the property of the RTU Crafts and Design Center as a teaching tool. The suppliers', reproducers', and sponsors' authorship will be documented and preserved in the RTU archives.

If you cannot take part in collecting wood building samples, please send this information to colleagues who could help. It appears that Robert Savignac of the International Log Builders Association (250-547-8776, robert@logassociation.org) will be going. Anyway, you are kindly invited to take part in the conference. For more complete information, visit our website, www.lak.lv.
[See also page 9.—Ed.]

Juris Verners

Student, Riga Technical University, Latvia
Phone: (371) 7213927 vernersjuris@yahoo.com

We need artists!

WE ALWAYS find it a challenge to keep up the high standards of the artwork on our conference T-shirts. They have found immortality as auction quilts, and my closet is a gallery of Guild history.

For the 20th anniversary Eastern Conference, we need a really special design. Please help! Designs should include a timber framing theme, but can also reflect the venue, and humor is okay. As Joel says: "Timber framing is not just a career, it's a wardrobe!" If you have ideas, tell Joel (joel@tfguild.org), Susan Witter (witter@nas.com), or me (will@tfguild.org).

—Will Beemer

Erratum

THROUGH AN unfortunate search-and-replace operation, in the *Timber Frame Business Council Resource Guide*, DeStefano Associates was listed as DeStefano Associate Member. Their web address is www.destefanoassociates.com, not www.destefanoAssociateMember.com.

Please make a note of the correction, and we are sorry for the oversight, Jim.

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Timber frame plan book in the works

THE GUILD office frequently gets requests over the phone or at events for timber frame plans. There is very little out there to recommend, so we have decided to solicit the designers among you for submissions to be published in a new Plan Book.

The book would contain 10 to 12 plans for small frames such as gazebos, garden sheds, or very modest houses. Drawings would include frame plans, elevations, joinery details, and a materials list. Architectural details would not be included except to illustrate floor plan options.

The purpose of the book is to encourage people to learn timber framing by tackling small, manageable practice projects, and also to demonstrate the range of framing options for those new to timber frame design. Thus we will be looking for a variety of projects, and we hope to include at least two modest house frames. The Plan Book will be another valuable addition to the Guild's catalogue of publications.

Designers who contribute to the Plan Book will receive a listing with contact information, and we anticipate that this will lead to more opportunities for those whose plans are accepted into the book. The drawings

will remain in the designer's original style but will be reduced in size to fit the book format. This is not a contest; we are hoping that designers have a suitable project already done that they can submit.

Please note that submission does not guarantee inclusion in the final publication. Necessary caveats and notes will be added to the drawings releasing the designer from liability and advising the builder to satisfy engineering and code requirements of local building departments.

Andrea Warchaizer of Springpoint Design will help coordinate the Plan Book project, along with the Publications Committee. We encourage designers to reach her as soon as possible (springpt@sover.net or 603-835-2433), or reach me (will@tfguild.org, 413-623-9926) at the Guild office. We hope to have designs collected by mid-summer, with publication by the end of the year.

—Will Beemer

Check out the curriculum

THIS IS your last opportunity to review the Apprenticeship Curriculum, from now until the end of June. All 16 sections are now available for comment at www.tfguild.org/members/curriculum.html. After the comment period ends, we will be recruiting experts to develop the content for each module.

If you are a shop manager, company owner, or other seasoned professional who has learned the hard way what skills your team needs to have, you might want to help others from repeating your journey by making sure those key skills are included in the curriculum. It's part of helping the Guild grow. Thanks.

—Will Beemer

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Guild project: meeting house roof framing in N.H.

JOIN SOME of the best and the brightest in historic timber framing as the Guild establishes the roof framing pattern for the 1815 Allenstown (N.H.) Meeting House. This roof was lost to arson a few years back. Ed Levin, Arron Sturgis, and Jack Sobon will lead the Guild's first-ever forensic timber framing event.

This event is produced with the encouragement of the N.H. Division of Historical Resources and Historic Windsor. We'll examine the building, interview the salvage carpenter, look over historic documentation, and use our collective experience to discover how this roof must have been framed. Further, we will be developing a plan and a budget for what we hope will become a Fall 2005 Guild rendezvous-workshop to build this roof.

For the forensic event, to take place May 21, a simple breakfast and lunch will be provided. Bring plenty of lights, personal protective equipment, a digital camera if you have one, and graphing paper. We expect to emerge blinking into the spring sunlight with a much

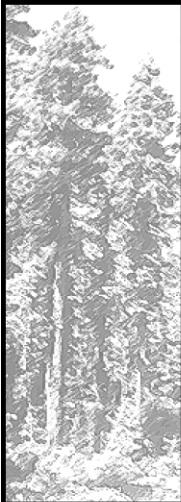
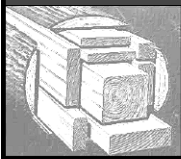
better understanding of what the framing pattern was and what it will take to replicate it. If all goes as planned, we'll have a framing plan, scantlings, and a method worked out for replicating the roof of this remarkable little building. Cost is \$50 members, \$75 non-members. For more information, call me at 603-835-2077.

—Joel C. McCarty



photo courtesy Allenstown Volunteer Fire Department

The Allenstown Meeting House in flames.





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Mt. Hood, from page 1

family, and how strong and solid that house still is today. It was built with attention to detail and quality. During this conversation, I realized that his strong attachment to this home must have had a major influence on the workmanship Tedd has been committed to.

For most of us there is a house, barn, church, or other building that likely affected us in some way, possibly germinating our love of timber framing. For me it would be my grandmother's simple Southern farmhouse. It didn't have hot water for much of her life, but it was the site of the most memorable meals and family events. For my husband, it was the amazing timber frame his grandfather built in the late 1940s out of timbers salvaged from area barns and a local bank building. Those solid, strong homes gave us memories for a lifetime.

I was privileged to have lunch with Sim Van der Ryn and David Eisenberg following Sim's presentation. What incredible minds! These two men are wholeheartedly committed and dedicated to their work and values. Sim shared stories about his family and his career as a professor at the U. of California at Berkeley during the '60s and as the California state architect. David Eisenberg, so involved in environmental sustainability, green building, and alternative building codes, is more than willing to share his knowledge. (He gave three different presenta-

tions at our conference.) He is devoted to getting the word out and making growth happen in a steady, ecologically conscious way.

I also attended the Timber Frame Business Council speakers bureau training. This instruction will enable us to acquire the skills that will get the information about timber framing out to more architects. We want to encourage architects to include more timber frames in their designs, and we also want them to have accurate information to work with.

The conferences are a large part of what the Guild is all about. We are committed to our mission: providing educational opportunities for members and spreading the word about timber framing. We want to continue to offer quality conferences at affordable prices, so as many people as possible can attend. It was an amazing weekend, and I look forward to the next conference already.

The Burlington, Vermont, conference in October will be the 20th anniversary celebration of the Guild. There is much to celebrate. We hope you join us.

—Brenda Baker

A keynote perspective

My exposure to the Western Conference consisted of a grouping not too different from Brenda's. I managed to



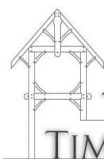
The international compound joinery workshop in full swing. Front left, Fabien Pavigneau (from France but currently at Timmerhus in Boulder, Colo.) and Boris Noël (of France) inspect a drawing.



Instructor Fabien is delighted to see the finished sawhorse.

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attend the keynote speakers, the evening events, and the Guild member meeting.

Sim Van der Ryn, on "The Environmental Breakthrough," presented a fascinating model of civilized man's journey. He talked about the Archaic era (whose significant event was the increase in brain size of humans), the Magical era (when man first employed symbolism), the Mythical era (the beginning of agriculture), and the Rational-Mental era (starting with the Renaissance, the rise of individualism above nature). He sees us now in the midst of a transition from that era to an Eco-Logic (a term coined by him) era focusing on harmony with nature as an indispensable part of life. The most arresting concept for me was his discussion of the transition from one era to the next. In the framework he presented above, during every transition, deficient forms of previous eras surface. That rang true for me, in terms of what I see going on, especially in the U.S. currently, but I was a bit to know more—what is the purpose of this upwelling of negative remnants?—does it serve as a sort of cleaning out, of turning over (as in, a lake turning over)? How has this been manifested in the past? In later emails, Sim mentioned a few further resources for this idea—Jean

Gebser's *The Ever Present Origin*, available in English from University of Ohio Press, and anything by Ken Wilber (including the website www.integralinstitute.org). I've only begun to check them out, but I must say that the premise that we may simply be in the ugly upwelling of the transition from the supremacy of the individual to something more harmonious with nature gave me the first real hope I've had in quite a while for our planet.

David Eisenberg ("Moving Toward Regenerative Building and Development"), while more grounded in practicalities, was no less inspiring. He understood the role of the building process in the dynamics of waste generation and its effect on place and ecosystem. David is head of the Development Center for Appropriate Technology (DCAT), whose mission is to expand awareness about the consequences of creating and of regulating the built environment. He talked about issues that builders face every day. David presented several examples of how to think outside the box using an intriguing approach. At appreciable intervals, shift your attention back and forth between the details and the big picture: that's where the big revelations come about. For example, there is much energy devoted to making sure our buildings are safe.



Left, Pat Clark, leader of the green joinery workshop, with the finished truss.

Above, green joinery detail.

Right, Paul Laudenschlager sets up the laser level to project lines up from a floor drawing onto the logs to represent joinery intersections, while (from left) Guy Colbourne, Pat Clark, Gary Pavlicek, Kurt Westerlund, and an unidentified participant assist.

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But in doing so, we have to some extent just shifted the risk in time and place. David presented much more information, and has posted it on DCAT's website, www.dcat.net/TFG_DE_4-16-05_Keynote.pdf. It's worth looking at.

Finally, our own Tedd Benson offered us a shift between the details and the big picture in his look at the journey of the timber framing revival in the past 30 years or so. He offered three main points: (1) The last 30 years have seen unprecedented creativity, change, and improvement compared to any timber framing tradition, anywhere, anytime. (2) Though (or perhaps because) timber framing is an old building method, we can learn from any time in history, anywhere on earth. Key leaps in the revival are in enclosure methods and compound joinery. (3) Building is a sacred profession; so far, the highest ideals of this profession have not been lost, at least within the Guild.

We were quite lucky to have three such distinctive visionaries feed us with ideas. We were also lucky (and grateful) to have Chris Dancey's knowledge at our disposal in directing the choice of keynote speakers. I'll be interested to see all of this new material bear fruit in the building practices of our members. —Susan Witter

The Fruehauf House tour

It's not every day that a couple invites 50 people they have never met into their home, but Heiner and Sharon Fruehauf not only welcomed us for our visit; they took time themselves to tell us about the process of building their natural home. The home site is at the end of a long winding driveway that proved to be somewhat of a challenge to the bus driver, who received a round of applause for delivering us safely to our destination.

The day was wet, and the fresh grading caused us to arrive at the Fruehauf's door with dirty shoes, but the house had been designed for this. Soon the spacious entry with surrounding coat hooks and boot benches was lined with 50 pairs of shoes and an assortment of jackets and hats. As the anxious visitors moved through the entryway, we were greeted by a large and welcome common space: living room, music room, gateway to the rest of the home, and the center of activity. It was clear the design was driven by both sacred geometric patterning and *feng shui* principles of the relationships of space, movement, and orientation.

Heiner waited for us all to find our place in this space and proceeded to tell us the story of how it came to be. As he spoke, members of the group began to relax, and soon there were folks seated on the floor and furniture in what can only be described as comfortable repose. It was as if the house had changed the energy level of the visitors, and when we were told to make ourselves at home and explore, everyone was ready to do just that.

I was very interested in seeing Lon Tyler's timber framing, having known and traveled with Lon but never having had an opportunity to see his handiwork. I was not disappointed. The workmanship, clearly challenging, was magnificent. The design of the frame required working extremely large timbers and timbers with laminated curves, and integrating many component frames into one whole. Architect David Yarbrough's concepts, Kevin Mattson's frame design, and Lon's impeccable attention to true craftsmanship flowed together to create a work of art.

The enclosure system used on the house was also of great interest. Steve Chappell's *leichtlehm* wall system created a truly organic enclosure, in both form and function. The interior plaster finish turned out to be a bit of a challenge: it has suffered some during the process of



Boris Noël, Alan Peoples, and Wil Dancey (from left) join a couple of unidentified ladies as the latest victims of Jugglemaniac Rhys Thomas' (bottom) antics.



Tedd Benson demonstrates the proper use of safety equipment and gets a free, ready-chopped celery snack when playing with Rhys Thomas.

completion and moving in, but the same fragility of form lends itself to making the large home and expansive spaces feel warm and comforting. In short, the Fruehaufs accepted a larger challenge than they had planned, received greater joy than they had imagined, and drew from an interactive team of many tradespeople and designers that created a holistic masterpiece. Special thanks from all of us goes to Chris Dancey for steering us to a glimpse of an appropriate, alternative way of building.

—Rudy R. Christian

The future of Guild sponsorship?

WE ARE considering modestly expanding our sponsorship program. This would include four categories of sponsorship ranging from Event Sponsor to Major Conference Sponsor. All sponsors would receive recognition in the Guild conference book; Major Conference Sponsors would receive several other kinds of recognition,⁴⁷ including a preferred-placement banner ad on the Business Council web page, banners at the trade fair, and so on. You can view our proposed new sponsorship program in the Ask the Experts section of the Guild website, www.tfguild.org.

Sponsorship by valued suppliers makes it possible to put on the high-quality conferences and events we have all come to expect. Yet, legitimate concerns were raised at the Western Conference Guild member meeting and elsewhere, about what level of acknowledgement fits best with the Guild culture. Please let us know your thoughts on this. It's an important issue, and we want the decision to reflect your feelings. Tell me (joel@tfguild.org, 603-835-2077) or any Board member before June 4.

Thank you.

—Joel C. McCarty

Wood construction conference in Latvia

THE CRAFTS and Design Center at Riga Technical University is organizing an international conference of log home builders and wood construction specialists, to take place Oct. 4–9, in Riga, Latvia. It will include plenty of tours of castles, public buildings, houses, and boats, and of course quite a few presentations. There will be evening entertainment as well as special programs for partners and children. For more information, visit www.lak.lv. (See also the Letters column.)

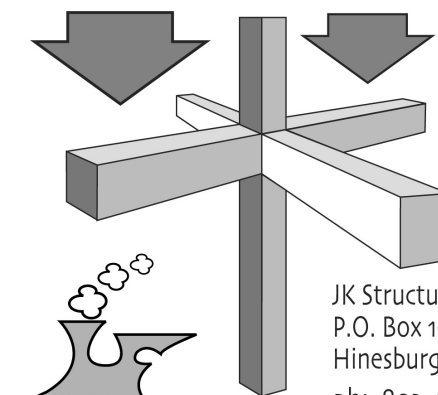
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Thank you, donors and bidders, for making the auction events of the 2005 Western Conference such a success. Your generosity, creativity, and good will raised a total of \$19,853 for your Guild. And, thanks to our auction sponsor, Insulspan, the money raised goes directly to the support of the Guild and its programs. Thank you very much.

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 Ancestral Wood Products: \$2000 discount on semi truckload of re-claimed wood
 Kathy Anderson: large purple tote with zipper closure (door prize!)
 Kathy Anderson: 2 woodworker's chisel rolls
 Anonymous*: breakfast basket (door prize!)
 Michele Beemer: twill weave-braided lash muffin basket, made by Michele
 Michele Beemer & Randy Churchill: scarf knit from Randy's Samoyed dogs' hair
 Marie Brown: a song
 Leon Buckwalter: Minolta 35 mm camera with power zoom lens
 Jan Buday/Karei: lampworked beads necklace, turquoise, silver, glass
 The Calvin Duo: guitar and violin duet
 Carpenter Oak and Woodland: *The Wooden Bridges of Switzerland*
 Carpenter Oak and Woodland: *The New Wood Architecture*
 Centennial Timber Frames: cooler and assorted Montana beers
 Centennial Timber Frames: "Lessons from a Tree"—Montana sampler
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 Cougar Creek Timber Frame LLC: basket of special foods from Winthrop
 Cows Lumber: funny hats collection
 Cows Lumber: Tree Huggers T-Shirt
 Dietrich's North America: protractor and roof layout manual
 Environmental Home Center: dechlorinating shower head, organic cotton curtain
 Fearless Engineers: plug-in car coffee mugs
 Fearless Engineers: 10 hours of engineering services
Fine Homebuilding: Best of *Fine Homebuilding* on CD-ROM
 Forest Grove Lumber: 2 carry-alls and 6 hats
 Mark Fritch: chocolates from Oregon Candy Farm
 Anela Gianopulos (age 10): handmade herbal soap in origami box
 Clayton Gianopulos (age 14): scroll sawed horse
 GRK Fasteners: 2 hats
 Derwyn Hanney, Earthwood Homes: bench made of Pacific madrona from East Fork Lumber
 Cathy Hansen and Robert Savignac: Canadian souvenirs

Insulspan: auction sponsor
 International Log Builders Association: handcrafted case of beer
 International Log Builders Association: mitered log truss treen joinery (from pre-conference)
 International Log Builders Association: 1 year membership, ILBA
 International Log Builders Association: ILBA water bottle, cap, shirt, blanket
 Jackson Hole Housewrights: cedar post from 2004 square rule class
 Jake Jacob, Treehouse Workshop, Inc.: *Treehouses of the World*, auto-graphed
 Jon Kropacsy: cribbage board made from piece of Windsor Castle roof
 Jon Kropacsy: set of rigger's fids in English yew
 Laftwerk Industries: Japanese saws with tool roll
 Christoph Loesch, Hundegger USA/Canada: *Balken Zug* (beam puller)
Log & Timber Style: 1/2 page ad in *Log & Timber Style* magazine
 Gord Macdonald, Steve Lawrence, Gus Colbourne: handmade box with complete medieval construction kit
 Mafell North America: 2 50-ft. extension cords, 12/3 wire with plugs
 Wes Mark: custom built 9-ft. graphite G. Loomis rod w/ TFG logo
 Joel C. McCarty: square snuff
 Joel C. McCarty: Daizen flexible square, imperial measure
 Joel C. McCarty: Burdick gourmet chocolates
 Scott McClure: broad axe head
 Maryke Noel: handcrafted bead ring
 Susan Norlander: 2 dolls
 Susan Norlander: TFG Western Conferences T-Shirt lap quilt
 Scott Northcott, aka The Peg Man: collection of hand-tied flies
 OMG: one box of OMG fasteners, buyer's choice
 John Palmer and friends: Rudy and the Goat
 John Palmer: well-worn T-shirt of sentimental value
 Allen Peoples: Japanese silk screen
 Resort at the Mountain, Welches, Ore.: gift basket
 Resort at the Mountain, Welches, Ore.: one night's lodging and meal or golf
 Jerry Rouleau, J. Rouleau & Associates: fresh Maine lobsters delivered to your door
 Laura Saeger: marcasite pin with garnet
 Shady Grove Log and Timber Builders: handmade peeling/joinery drawknife
 Jean Steinbrecher Architects: Seattle Chocolates
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 Timber Framers Guild: TFG copper/stainless mug
 Timber Framers Guild: set of *Timber Framing*, issues still in print
 Timber Framers Guild: Lie Nielsen rabbit plane with TFG logo
 Timber Framers Guild: Lie Nielsen scrub plane with TFG logo
 Timber Framers Guild: assorted children's toys
 Timber Framer's Supply - Pete Moncada: leather chisel tip covers and holster
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 Timbertools: Belgian blue whetstone
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 Timberwolf Tools: Makita 1002BA curved base planer and set radius blades
 Timberwolf Tools: Timberwolf Tools sweatshirt, shirt, and hat
 Two Dog Timberworks: Hat autographed by David Grisman (*The Dawg*) and CD
 Al Wallace: wooden model airplane
 Al Wallace: Grandma Pizzola's classic Toastmaster toaster
 Al Wallace: Osterizer classic blender or mortar mixer

Al Wallace: assorted architecture text books & construction manuals
 Al Wallace: 2 books, xeriscape landscape design
 Tim Whitehouse & Higgs Murphy: rare Salem Pavilion commemorative French plumb
 Richard Wiborg: *Light & Heavy Timber Framing* (1909)
 Richard Wiborg: *Simplified Roof Framing* (antique)
 Winter Panel: Case of Bridgeport, Oregon, India Pale Ale
 The Witter Family with thanks to Mack Magee: Mark Witter "King Cool" 2 CD set (multiple copies)
 The Witter Family: "Jewels & Junk" food and treasures from Pacific NW
 The Witter Family: Set Theory game
 The Witter Family: *Earth from Above*

**If you are the person referred to as Anonymous, please tell Susan Norlander.*

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The Clumps project in the making

THE WITTENHAM CLUMPS are a pair of hills that stand out on the South Oxfordshire skyline between Wallingford and Abingdon. They are designated as a Area of Outstanding Natural Beauty (AONB), and they include significant Iron Age and Roman archaeology.

The Abingdon School Boathouse (see *Scantlings*, Aug.–Sep. 2003) was the forerunner for a full Carpenter's Fellowship–Timber Framers Guild event. Following a chance visit by Jon Watson (Forestry Office for the Northmoor Trust) to the Boathouse, the seeds were sown with the Northmoor Trust, a charity that researches sustainable farming and the evolution of the landscape. The Trust recently bought Hill Farm, which was established on the side of the Clumps when some old elm barns were moved there in 1848, and it is now being developed into an Education and Visitors Centre. The Trust farms the area, has a large forestry research interest, sells their lamb in local markets, and also manages the Clumps and the Castle Grounds in Wallingford.

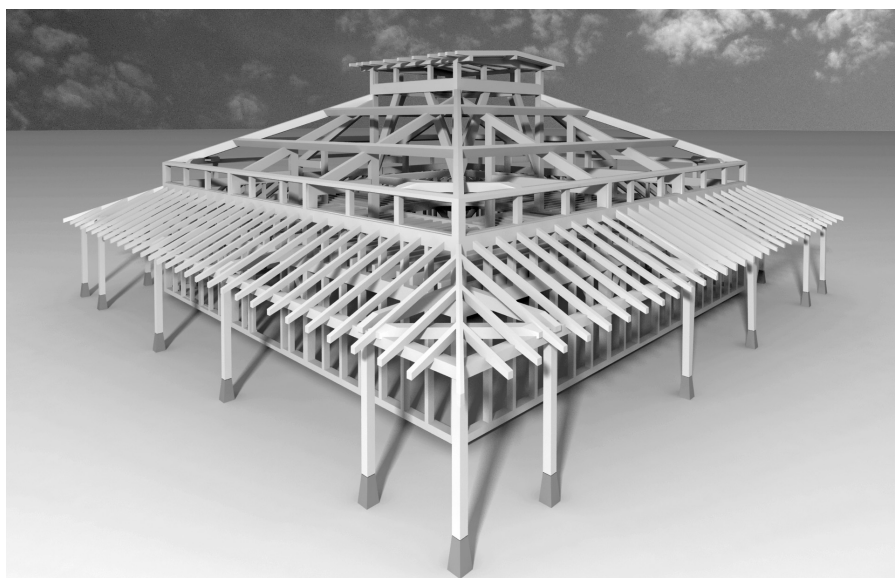
With help from the Heritage Lottery Fund, the old farm buildings are having a £1.1 million (almost \$3 million US) facelift, but the old 1940s farm house is being knocked down and replaced with a modern timber framed building to house the Trust's staff, funded by the Trust itself. The site will be self-sufficient in both drinking and grey water and will be heated by waste straw from the farm via under-floor heating, using about 700 round bales per year.

Late last year, Cameron Scott's modern design was chosen by the Northmoor Trust after careful consideration of issues of sustainability and was praised by the SODC planning officer as "well designed to fit alongside the traditional buildings in an AONB."

The construction will employ passive ventilation through the suspended ground floor and will utilize locally grown timber, including 5500 cu. ft. of Douglas fir logs for the frame, sweet chestnut battens grown locally at Bix, and western red cedar and Lawson cypress from the Trust's own woodland. Where possible, reclaimed materials are being used, including slates for the roof, and the insulation for the walls will be 150mm of sheep's wool.

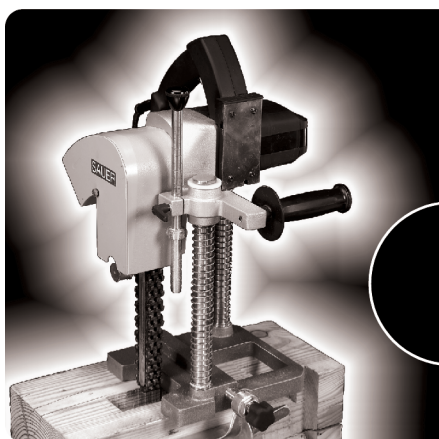
With an 18m-square building, there are specific joinery issues that have to be addressed to allow for a successful raising. For those who wish to inspect the frame in detail, a fully working 3D model is available on the Timber Design web site, www.timberdesign.com.

Once planning permission was granted, a Department for Environment, Food & Rural Affairs (DEFRA) license was required due to the existence of established bat roosts in the old farm buildings. This license was to ensure that alternative roosts were provided before



images Cameron Scott, www.timberdesign.com

Model of the Northmoor Trust's staff office at the Wittenham Clumps.



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demolition could start, which, in the case of brown long eared bats, required 2m of head room. Luxury heated bat accommodation is now being provided in the straw bale boiler house.

At the same time, the known archaeology on the site required the presence, during all ground works, of archaeologists, under a "Watching Brief." Planning permission could not be granted until a Watching Brief had been approved by the County Archaeologist. Predictably, as soon as excavation on the visitors' car park had started, a round house and various ditches and pits were discovered, quickly followed by a female Roman skeleton.

While the five months of regulatory formalities were being addressed, the Event (known as a Rendezvous in the U.S.) was being drafted. A mix of experience and volunteer labour, including absolute beginners, is needed, for a total of about 70 participants who all need to be accommodated onsite, fed, and watered, with the best creature comforts possible.

Numerous volunteers who could not commit to the full period are booked in for the middle weekend only, when social activities will take place as well as opening the site to local visitors. The local microbrewery, Loddon Valley, has also created a Clumps Special for the event.

When planning permission and the DEFRA license were eventually granted, it was the end of April, by which time over 40 participants were already signed up.

Joel McCarty of the TFG and Henry Russell of the CF have teamed up to run the event. More than just a work camp, the philosophy is one of learning and exchange of ideas, quality work, achievement, and, at the end of the day, a building the shows that timber framing is not only a sustainable way to build but can also be a modern way to build.

The cutting site is right next to the raising site and will include three large marquees (one blacked out for evening presentations and lectures), a 110v distribution tent, a camping area, a field kitchen and eating tent, two

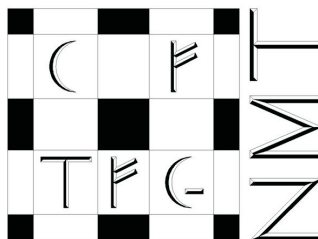
lock ups for tools, 2450 cu. ft. (30,000 bd. ft) of beams ready for cutting, and showers and toilets.

Following a two-day square rule training course run by Higgs Murphy July 7–8, the event will start on Friday evening, July 8. At the end of the first week, the ground floor will be laid, and the full raising will start at the end of the following week. After that, beginning July 24, there will be a three-day SIPs course during which the main roof will be fitted.

As with all these events, success will be down to detailed planning, good weather, and some luck, but pri-

marily the teamwork and cooperation that all timber framers thrive on. Wish us luck . . . or turn up and help. If you have questions or are interested, please tell Joel McCarty, joel@tfguild.org, 603-835-2077. Thanks.

—Norman Guiver



Frame 2005 in September

FRAME 2005, the annual conference of the Carpenters Fellowship (CF), will take place at the Chiltern Open Air Museum. The Chiltern Museum is west of London in Buckinghamshire, a few miles outside the M25, 12 miles NW of Heathrow airport. The county town is High Wycombe, where the Windsor chair originated.

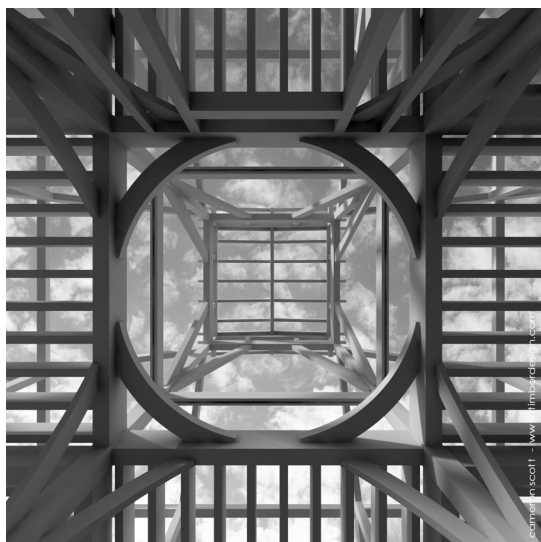
Frame 2005 will run from lunch time on Friday, September 2, to lunchtime on Sunday, September 4. The focus this year is on skills and achievements. It has been a year of consolidation for the CF, and by the time of the conference, "Heavy Timber Framing" will be a recognized National Vocational Training standard.

We are broadening the range of speakers to help members understand some of the wider issues with related trades such as enclosure systems and insulation, including issues like the impact of climate change on building regulations and codes.

This year we will have a one price all-in meal ticket for the two days. Each speaker will have a chairman to 1) introduce the topic, 2) introduce the speaker, 3) chair the Q&A session and 4) make sure the session ends on time. As usual, members of the TFG will be welcome free of charge, but accommodation is of course tented, and beer will cost. The annual general meeting of the CF will also take place during the event.

Look for a more comprehensive preview in the July *Scantlings*. For more information, please check the CF website (www.carpentersfellowship.co.uk) or ask me, at nguiver@btinternet.com.

—Norman Guiver



View up through the center of the building.

Bainbridge Island rendezvous

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Those accused of a crime shall enjoy the right to a speedy and public trial by an impartial jury and be informed of the nature and cause of the accusation.

These protections are guaranteed under the 5th and 6th Amendments to the U.S. Constitution. Yet, during the Second World War, some 77,000 American citizens and 43,000 Japanese nationals were incarcerated—men, women, and children. The first place this happened, the test bed, was the rural agricultural community of Bainbridge Island in Washington State.

As previewed in the Feb.–Mar. and Aug.–Sep. 2004 issues of *Scantlings*, the Bainbridge Island Japanese American Community (BIJAC) has begun a memorial, *Nidoto Nai Yoni* (“Let it not happen again”), to their experience of the internment. The first step was a gate, constructed by Guild volunteers (see the Nov.–Dec. 2004 *Scantlings*).

Since then, much has transpired. The gate now resides at the Winslow post office to provide exposure for the project and to help raise funds. Plans are now in the works for a workshop to build two roofed gates as an intro to basic Japanese joinery and roof framing, and for a rendezvous to build a pavilion.

The proposed start date, September 12, would allow those interested to attend nearby Port Townsend’s

Wooden Boat Festival, an opportunity to see the craft of some kindred spirits engaged in a similar though (theoretically) wetter pursuit. At this time, we plan for the workshop to run September 12–18 and the rendezvous to run September 17–25.

In the workshop, 12 students would construct two hooded (roofed) gates for the memorial’s entry and exit, using traditional joinery. Subjects taught would include Japanese joinery, basic centerline layout, and use of basic tools—saw, drill, chisels. Students will be charged about \$600 tuition (which includes lunches) for the workshop, whose goal is primarily education. (At the present, we are working on low-cost or free lodging and other meals.) Teachers will include James Wiester and Chris Hall, both masters in Japanese carpentry.

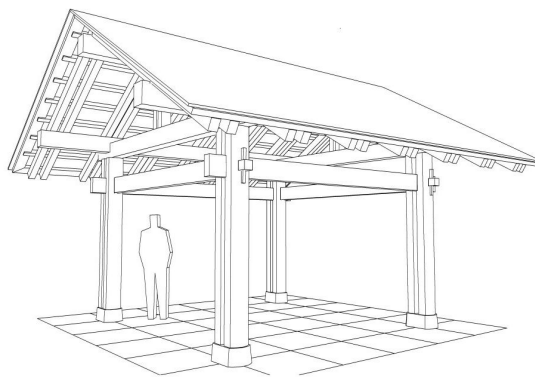
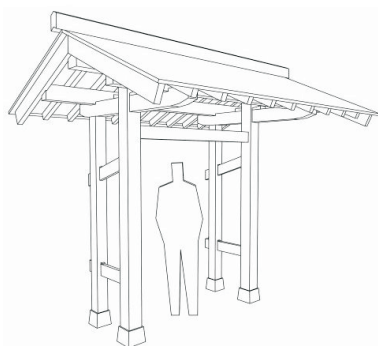
During the rendezvous, we would build an open pavilion about 20 ft. 6 in. square, with the help of about 15 volunteers. We envision a less formal, more chaotic assembly of professional timber framers who come for the pleasures of each other’s company and the delight of the work at hand. Participation is by résumé. Generally, your meals are covered and you are provided with a horizontal surface for sleeping.

For more information, check the Guild website or ask Joel McCarty (joel@tfguild.org, 603-835-2077).

—John Buday

Views of the gates, right, to be built in the workshop, and the pavilion, far right, to be constructed during the rendezvous.

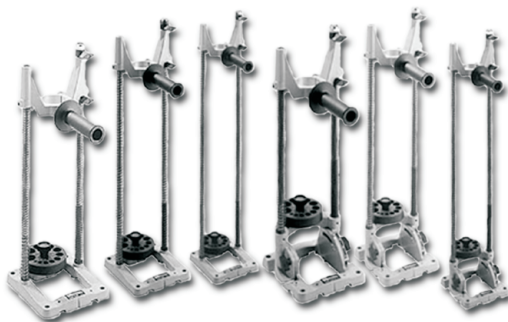
drawings John Buday



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A student's continuing journey

FIVE YEARS ago, as I peered over the horizon at my upcoming summer adventure in timber framing at the Heartwood school, I wondered where this would all go. Anyone would—it's what you do at the beginning of a journey. In applying for apprenticeship at Heartwood, you need to write a letter of interest, in part to address your plans and goals for sharing your knowledge, once attained. Of course, this was to keep the trade alive.

Since then, I worked as a sort of journeyman in several companies in the Northeast, and then grew my own business. There are four of us now at Methods and Materials Building Company. In January of this year I became acquainted with the carpentry instructor at the Williamson Free School of mechanical trades, which is not far from our shop in Gilbertsville, Penna. If our small company is to succeed, it needs dedicated and skilled tradesmen to carry out the work. (No need to dive into the story of qualified people here.) I was given the chance to share my craft with students during a one-day, hands-on class where we would create a simple mailbox post as part of a basic introduction (an indoctrination?) to timber frame carpentry. Twenty students, one guy; this called for help. Enter Tim Whitehouse, a trusted friend, journeyman timber framer, and fellow apprentice from the Heartwood Class of 2000. Tim and I have worked

together many times, and we both enjoy sharing our knowledge; it helps us learn, too. Further, we both feel that kind and generous people shared their trade with us, and we should return the favor.

The Williamson School was founded over 100 years ago on the premise that if you give a young man (no female carpenters back then) a solid set of trade skills, instill in him a good work ethic, and teach him the basics



photos Jack Witherington

Williamson student Joe works on a tenon.

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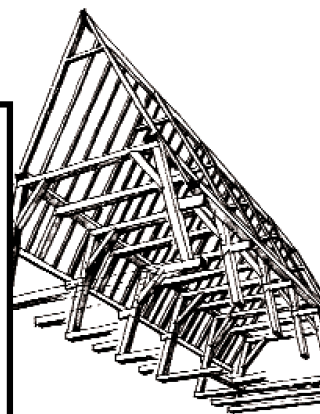
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of good character, he will be a successful participant in society and self-supporting throughout his entire life. It appears that the idea has worked, as they are still going strong. The education, including room and board, for the three-year degreed program, is totally free. Yup, free. Of the roughly 150-plus high-schoolers who apply each year, 16 are selected for a class. Along with carpentry, they learn other trades including machine shop, masonry, and power plant operations.

As we prepared for our class, the Williamson instructor encouraged us to challenge the kids. If there were questions, the students would ask them. Tim and I spent an hour or so in front of the chalkboard explaining reference, joinery, layout, and how we would approach our three pieces—a post, a girt, and a brace. Once their eyes were sufficiently glazed over, we moved on to the shop for layout and cutting. It's funny; what seemed so simple to us was met with such perplexing stares by the students. We worked with hand tools and some power tools, and we shared as many tricks and techniques as possible in the seven-hour day. In all, everyone focused diligently on the project and we had one mailbox assembly complete at the end of the day.

So what came next? Why, a house, of course. In cooperation with the fine folks of Restore Media's Traditional Building Show in Philadelphia, April 29–30, I agreed to produce an 8 x 12 timber frame playhouse for the show. The show's goals were several: to demonstrate traditional building techniques, involve three local charities in the construction, and raise additional funds for the same by raffling off the completed structure.

I again spoke to the Williamson instructor, as I saw this as another opportunity for indoctrination. While the Guild community has its many rich rewards of friend-

ship, knowledge, and craft, it will not grow beyond ourselves if we do not share the magic with those who need it most—young people; with those who will take our place—young people; with the next generation of enthusiasts—young people.

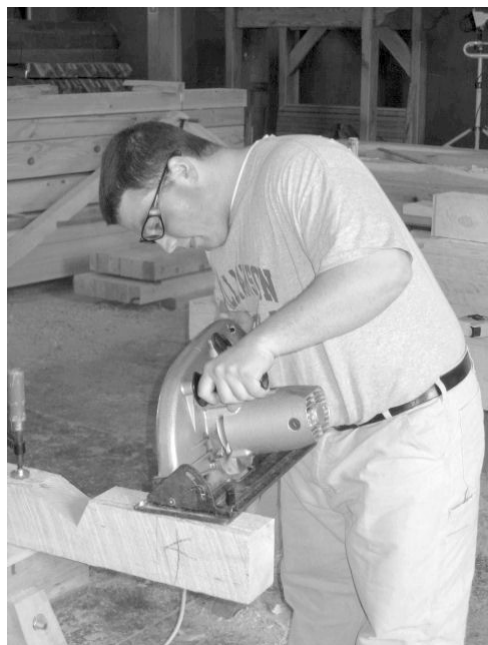
The school instructor and I got five volunteers for the playhouse. We had added yet another angle to this project (the most important, in my book): teaching real-world timber framing to young people.

Given my limited schedule in the shop, I thought it best to lay the frame out in advance of the students' arrival and focus their skill on crafting the members. Thanks again to Tim for spending a weekend helping me lay out and prepare the members for the cutting ahead. So what happens when you have two guys who love this work in a shop by themselves with a pile of timbers? Complexity, apparently. With Tim's advanced understanding of scribing and my love of square rule and reference, we were headed for certain trouble. This layout exercise and related grasping for perfection forced us to step back to the student perspective and remain true to what I believe are the roots of timber framing: keep it simple. The timber framing system we know evolved from man's basic need for shelter and his ability to use wood as a building material. So after many mutual reminders that "it's just a playhouse," we completed layout with basic, functional joinery, using a sort of simplified square rule, or edge rule system.

Enter the students. Now here's a question. Do you think your layout is good? Give it to a skilled carpenter and see if he can interpret your desire for a given joint. Oh yeah; throw in the concept of reference, too, and how about crown and twist? Now I began learning about how to communicate our joinery, where people

have trouble, and what works well to convey a joint concept. After all, these guys were very familiar with woodworking and contemporary carpentry, and we were not making much more than simple mortise and tenon joints. We spent about three days in the shop crafting the 60-plus white pine members and met our goal to have it ready for the show. Our exchange in the shop was excellent and all of us walked away with a greater understanding of the craft we share.

The students and their teacher, with a little help from my crew and me, raised the frame with great success at the Traditional



photos Jack Witherington

Students James (left) and Bill (right) learn to use both power and hand tools on a timber frame.

Building Show, as many people watched and admired. The raffle raised thousands of dollars for the Preservation Alliance of Philadelphia, Youth Build, and the Charter school for Architecture, also in Philly. The students have returned to class with a little more knowledge, some preparing to graduate in a few weeks, and I have gone back to work. Amid comments that good people are hard to find, this experience offers me confidence that somewhere, someone cares very much about teaching fine young people a solid skill that will carry them very far.

—*Jack Witherington*



Putting the frame up during the Traditional Building Show. Students Bill and Michael set a rafter pair, with plenty of attention on the ground.

Historic wood workshop truly a “joint” venture

QUITE HONESTLY, I felt a little like the proverbial square peg when I was asked to join a panel of instructors for a National Park Service (NPS) historic wood workshop at the Preserve & Play Conference in Chicago May 3–7. The panel was led by Andrew Powter, a senior conservation architect from Québec, and it included Janet A. Null, architect, Troy, N.Y.; J. Thomas Quirk, retired wood technologist, U.S. Forest Products Laboratory, Madison, Wisc.; and Timothy M. Crowe, architect and engineer from Chicago. I figured among them they had more years in college than I had in preservation practice. It didn’t help when I realized the *students* included a regional director from the N.P.S., the curator of historic buildings from the Henry Ford Museum, and an assortment of architects and engineers. As it turned out, there wasn’t any reason for me to feel anxious, because we were all there for the same reason: to learn more about old wood in old buildings.

At times it was difficult to remember I was an instructor and not a student as Andrew showed images of some of the most well-effected log structure repairs I have ever seen. Tom Quirk’s Wood 101 flowed so naturally it was obvious he has a natural understanding of wood pathology that would do us all good to strive for in our work, and Tim Crowe introduced us to a world of high-tech testing equipment and methodologies that boggled the mind, but Janet’s work was far and away the most inspiring. She has approached her work in a manner that isn’t typical of most professional conservators I have met, who all too often have no hands-on experience. Janet is an active part of the preservation team she has built to

work on saving the Great Camps of the Adirondacks. Her images of dealing with years of neglect and water damage were a very real reminder that we need to be mindful of how buildings are detailed to keep out their number one enemy: water. I knew Janet was one of us when she gave a presentation on preserving bark siding! Besides the panel, I presented on timber frame repair and on protection, consolidation, and treatment.

The workshop ended with a trip to the historic wooden toboggan slides at Bemis Park. The slides were shut down last year when an annual inspection determined there were structural failures in the wooden components. The idea was that the students would get a first hand opportunity to do a field assessment of a historic wooden structure, but the reality was that they learned how observations made by people with experience can sometimes reveal unfortunate truths about preservation work that has already occurred.

In this case it became clear rather quickly that the wooden structures we were looking at couldn’t possibly be from the 1920s. A little detective work done by Tim, while talking with the park superintendent, produced drawings from a 1970s-era total reconstruction of the slides using pressure-treated materials. The lesson in the end was how poor choice of materials combined with incorrectly specified fasteners, poor workmanship, and poor design can produce a structure that fails completely in less than 30 years and leaves behind no evidence of the original that lasted over 50. Unfortunately, the slides will now be destroyed and removed from Chicago’s parks forever.

—*Rudy R. Christian*



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Kudos to a singular community

THIS WILL likely be my last column for *Scantlings*, at least from the point of view of the director of the Business Council. I don't plan to get maudlin about it, but I do find myself unable to resist a look back and forward at this amazing community I've been part of for so long.

I first came to be part of the Guild from a distance, while Wil attended the first few conferences for our company and I cared for small children and a young timber framing business. It seems appropriate that the first time I met many of my future friends and colleagues face to face was on board a tall-masted schooner in Puget Sound, when many of us arrived a day early for the Western Conference to hoist sails and work together to sail a beautiful old wooden ship.

Since then, I've been on the Guild board of directors, worked on projects, organized conferences and events, and most recently done what I could to strengthen the business of timber framing. I've done some work that's felt pretty darn good, the very best of which, in my book, has been bringing the two organizations closer together, helping the whole community see that the Guild and the Business Council are really heads and tails of the same coin. My personal image is that the Guild feeds the spirit of timber framers, while the TFBC helps feed and clothe the body . . . and put those kids through college.

I've been part of many discussions on what sets timber framers apart from other builders. One can point to lots of things, but I think they all boil down to community. Timber framers have a deep appreciation for their place in a larger community. And what would any community be without a solid sense of its place in the cycles of time? At the same time that there are deep roots in the past, there's a strong sense of responsibility for the future. As a community, we have demonstrated an understanding

that we are only one step in a long line, and that we need to pass good things on. We continue to build strong buildings, made of healthful materials, leaving ample resources for the next in line. We invest time and energy creating beautiful public spaces for communities all over the world. We invest ourselves in helping one another get better at everything we do: designing joinery, designing healthy businesses, and designing healthy lives.

My pleasure in my current position has been in supporting that cooperative aspect of our nature while helping to keep our businesses strong. We are a capitalistic industry; the healthy competition among us keeps businesses lean, vigilant, and resilient. The unparalleled cooperation among our businesses as well is magic that we as a group have consciously created.

My personal hope for the future of this craft and industry is that both the healthy competition and the magical cooperation will continue to flourish, at all levels—among individuals and companies and among timber framers and other trades. I believe this will be more difficult as automation increases, not because automation is a bad thing, but because it will bring new people into the field of timber framing who may not have a natural inclination towards community.

Therefore, it is incumbent on all of us who have seen strong community in our lives to keep that as a goal. It is our responsibility to model just what this circle is, why it is valuable, and why it is worthy of our support and diligence.

Although I am leaving the TFBC, I plan to stay involved in the community, and I will be doing my part to ensure the continuation of the magic we have all created together. My best wishes to all of you, and keep up the great work!

—Scout Wilkins

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Sights at Ferry Farm

GUILD CARS and trucks from as far away as Wisconsin and Texas converged upon the boyhood home of George Washington for another TFG rendezvous. We teamed up with the historians, archaeologists, and interpreters at Ferry Farm, plus about 30 of our cadet friends from Virginia Military Institute, to build a period-appropriate timber frame that will be used to present programs about the farm and technologies of the day.

It rained off and on (sometimes quite hard) during the entire job, not something we're strangers to, but with its own special ambience. Layout happened under tents, while Grigg Mullen and Dan Fadden hunkered down in the command tent with the computers, getting the last minute details sussed out. Other leaders, Al Anderson, Rocco Bellebuono, Randy Churchill, Jim Holzknecht, Joel McCarty, George Morrison, and Darryl Weiser, made this project a success.—Thanks, all of you.

Special thanks to Northcott Woodturning for contributing pegs, Sunbelt Rentals for lending equipment, Affordable Catering, the YMCA, and George Washington's Ferry Farm Foundation, our hosts.

View many more photos on the Guild website.—*Joel C. McCarty*



Paul Magann

Beam cart carries a king post; Kenmore, G.W.'s boyhood home, in the background.



Joel C. McCarty

Left, Darryl Weiser teaches the king post layout team. There were five of these 700-lb. monsters to tackle. They were laid out to the centered white chalk lines on each face in order to split the difference between the real size and twist of this timber and the nominal size in the computers.



Joel C. McCarty

Over several weekends, VMI cadets built a shed to attach to the gable end of the 24 x 48 main building. They used gouge marks to indicate one side of the building, chisel marks to indicate the other.



Paul Magann

VMI cadets provide grunt labor through the mud.

The rain was vicious until Darryl Weiser and Jim Holzknecht gave in and got the canoe out in the road. Then it all became fun!

Dan Aiden



Paul Magann

Grigg signals boom lift.



Designing sustainable stuff into timber frames

Men are haunted by the vastness of eternity, so we ask ourselves:

“Will our actions echo across the continents? Will strangers hear our names long after we are gone and wonder who we were?”

Welcome to the sustainability column with a new name to reflect the marriage of technology with nature, using ecology as the basis for design. Eco-logic is a term coined by Sim Van der Ryn, an accomplished architect and leader in sustainable design who spoke at the Western Conference. After Sim's Eco-logic keynote presentation, I presented a session on incorporating mainstream sustainable technology into timber frames. These sessions were highly attended with great interest. This essay will tackle the concept of Eco-logic and how you might design and implement sustainable technology for competitive advantage.

I have been a fan of Sim Van der Ryn for years, first noting his appointment as California State Architect by Governor Jerry Brown. In this role, he developed the na-

tion's first government-initiated energy-efficient office building program. With his audacious vision, California developed energy standards and disability access standards that have since been incorporated into the Model Energy Code within the International Building Code and the Federal Americans with Disabilities Act. Yet Sim is a humorous and humble man. One senses those qualities in his demeanor. Sim hit a chord with me and, it appears, with our members.

According to Sim Van der Ryn, to bear fruit we must ground our technology in nature. I hope to put into practical terms the ecological design principles espoused by Sim and then illustrate how one might incorporate these design features into a frame. As a challenge, I ask you to consider these suggestions in your current project, regardless of its location, size, function, or state of completion. A designer must first observe, and then attempt to reinforce, the unique qualities of place.

Next, consider your design decisions in terms of their environmental impact. This environmental accounting balances long-term costs of systems and materials with

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their environmental impact. Throughout the design process, strive to mimic nature. (For more on this concept, go to www.biomimicry.net, or read the book by Janine Benyus, *Biomimicry: Innovation Inspired by Nature*, 1997.) Be receptive to every member of the design team. Encourage independent thought and opinions. Sim would say, "Honor every voice." Making nature visible in a design transforms both makers and users, and it reinforces the sense of place. While these ideas are straightforward, very few designs comply with eco-logic principles.

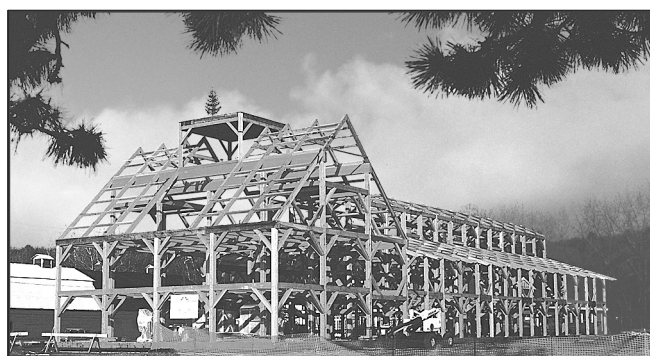
Let us look at a typical timber frame home. The timber framer meets with the owner in the pre-design stage. Without regard to site, the owner presents some pictures from the latest trade magazines and some sketches with slightly modified floor plans from a grocery-store plans book. The estimator and timber frame company owner—often the same person—review the conceptual design, decide on the technical implementation of a frame, and quote a price to the owner. Often concepts such as renewable harvesting, recycled wood, hand craftsmanship, exposed timber, and McCartyism are thrown in to enhance the impression that timber framing is good for the environment. The owner signs a contract; perhaps an architect gets involved. A site is found. Plans are created and approved, permits obtained. The house is oriented so that the tall windows in the great room face the views. A hole is dug. A foundation is built. A crew cuts the frame. A crane is ordered and the frame raised.

A pine branch is lofted to the gable peak, everyone climbs on, and the owner takes a picture. The picture is put in a book honoring the frame, its designers, and its builders.

Everything else to complete the house, from subcontractors to materials, methods, and systems, are the same as the American stick-built production home. At a higher acquisition cost, the ecological impact of this timber-framed home is no different from its stick-framed counterpart.

The client's needs—whether or not expressly stated—are affordability, improved indoor air quality, comfort, safety, and reduced operating costs in the form of energy efficiency. Were they sold another form of the McMansion with a great room of floor-to-ceiling glass enveloped by big pieces of wood, or did someone make a real difference for the client, our industry, and the environment?

Now consider how an environment-friendly timber frame company (TFC) using eco-logic would approach this process. Sim Van der Ryn would suggest that the goal of the first meeting is to "establish an interactive partnership with the client to give voice to their values." The TFC would then match the vision and values with criteria for sustainability. In determining functional requirements and phased priorities (e.g., schedule), the budget represents a balance among vision, values, and intentions.



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The client and TFC would visit the site together in order to understand the context, ecology, health, and restorative possibilities of the site. To better understand site relationships and adjacencies, they purchase a 1-meter-resolution IKONOS satellite image of the site from Space Imaging, Inc. (www.spaceimaging.com). The team develops a summary map (ideally hand-drawn on sketch paper with the satellite image underneath) showing soils, geology, topography, vegetation, hydrology, solar exposure, and microclimates. They may consider the entire watershed as well as an owl's nest on the site. From this analysis, the owner and TFC better understand opportunities, constraints, and site potential. A potential outcome, for example, may be building orientation. While the best views may be to the west, perhaps suitable views to the south would enable passive solar heating, with a focal point from a public place exposing the owl's nest. Given suitable soil conditions, the TFC might suggest planting some large deciduous trees on the south side of the house to improve summer cooling without affecting passive solar heating. Site excavation would be modified to insure that the foundation drained to open space, out of view, with minimal impact on local habitat.

Serving as eco-consultant, the TFC may suggest exploring renewable and non-toxic (yet proven) systems and materials. Although neither general contractor nor specialty trades contractor, the timber framer can discuss readily available information with the homeowner. For example, the team may agree to mandate the use of low-VOC (volatile organic compounds) paints and adhesives; that subcontractors use locally-produced and recycled materials where possible; and that the HVAC and hot water systems take full advantage of the solar exposure, site soil conditions, and zoning to insure energy efficiency and comfort. The TFC could then suggest technologies that might meet these criteria—radiant floor heating or geothermal heat pumps for heating, cooling, and hot water generation. While not experts on these technologies, timber framers who understand them become valuable advisors to their clients. Finally, the design team (the owner, TFC, architect, landscape architect, and specialty subcontractors) incorporates the vision. Through an iterative process synthesizing the program,

site, resources, systems, materials, and budget, a design evolves that communicates the original vision and intent.

Along with higher profitability and significantly reduced risk, the timber framer endears another client for life—literally. The owner benefits from lower life cycle costs (like reduced energy consumption), higher productivity, and a safer and healthier home environment. The environmental impact is reduced dramatically.

I forewarned my audience at Mount Hood that they would be drinking from the fire hydrant, as there was too much information to present in 90 minutes. Similarly, space here is short, and much more is involved in this process. I sincerely desire feedback; I am working on hosting a one-day or one-week seminar connected to a Guild event in the future. If you find these concepts intriguing, email or call me, or show up in Angola, Indiana, for some eco-Amish cooking. I'll be there.

—Al Wallace

Salem thanks

THANK YOU to all of the participants at the Salem rendezvous. We're planning to collect images, thoughts, and memories for a full recollection of the event. Please send comments, criticisms, lost and found items, and images to Curtis Milton.



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Maurice Gardy

Suriname: volunteer timber framers?

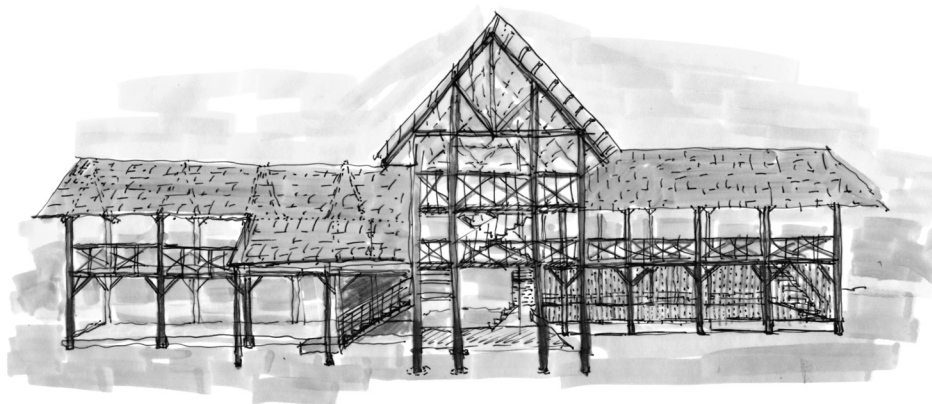
A LIMITED number of spaces are available for volunteers to assist with a conservation project in Suriname, South America. We seek experienced timber framers, able to commit a minimum of four weeks of volunteered time to help with the construction of the visitor center for the Central Suriname Nature Reserve, a nearly four-million-acre rainforest park. (That's the size of New Jersey!) The building is a three-story open-air pavilion. The clients are Conservation International and the government of Suriname. The structure is being built in three phases, culminating in a rainforest hand-raising in early November. Volunteer openings are currently available in June, August, September, and October.

In June and August, the work is in Paramaribo, the capital of Suriname. By September, the work will move to Raleighvallen, 100 miles upriver in a wooden dugout to an island in the Coppename River, one of the largest undisturbed tropical river systems on Earth. We are working primarily with dimensionally sawn and hewn pieces, using snap line square rule (SNSR) layout. In the Park, we will work with a mix of round and sawn pieces, using both SNSR and scribe. The work is challenging and exciting. New wood, new tech-

niques, and new cultures combine to create a once-in-a-lifetime opportunity.

We will consider only experienced timber framers with a complete hand tool kit. While the positions are volunteer, expenses including transportation, immunizations, room, and board will be provided. Further information and pictures can be found at www.temreman.blogspot.com or in the November–December 2004 issue of *Scantlings*. Submit inquiries and applications including work history and references to Joel McCarty, joel@tfguild.org. For more info, email me at bob@beardancejoinery.com.

Donna Williams, Bob Smith, and Adrienne Walker, the point people, will be there for the duration except for July.
—Bob Smith



Anne Phillips Architecture, sketch by Ariella Granett

A rendering of the Central Suriname Nature Reserve visitor center.

Angola in June

THERE ARE a few more spots for rookies and pros to join us in June for a week or two (June 13–24) of cutting, assembly, and a big raising in the pastoral town park of Angola, Indiana. The folks at the May Guild workshop have laid out and cut a good portion of the work, but there is still plenty to do. The material is Illinois white oak, the lodgings are either camping (no hookups) or college dorms, the community welcoming and the food family-style. Register on the web or by calling Becket, 413-623-9926. Further info is available from Joel, 603-835-2077.

New book by John Abrams available soon

THROUGHOUT THE brief history of the Guild, there have been a few companies and individual members that have stood out in their progressive, sensitive attitudes towards the environment, building and design, and employee relationships. John Abrams and South Mountain Company on Martha's Vineyard, Mass., fit that category. A long-time Guild member, John has also been a featured speaker at a number of our conferences. So it was with great anticipation that I received an advance copy of his new book, *The Company We Keep: Reinventing Small Business for People, Community and Place*. Besides giving a history of the South Mountain Company, John describes how to cultivate workplace democracy, celebrate the spirit of craft, and think like cathedral builders while meeting the demands of a small business. With paradigms for strong local economies and community entrepreneurship, the book is a must-read for all of us trying to live and work happily in a competitive marketplace.
—Will Beemer
Available in May 2005. 328 pages. Hardcover. \$27.50 USD, ISBN 1-931498-73-3. Chelsea Green Publishing Company.



POLICY: Notices are for one-time events and offers, and they run free to Guild members for two issues. The cost to non-Guild members (or to run a notice more than twice) is \$50 per notice per issue.

Design, structural engineering assistance

Semi-retired structural engineer with many years experience in timber framing, structural design, and construction. Can do timber frame design, permit drawings, drawing review, site inspections, restoration advice, project management. Guild member and licensed P.E. in Markdale, Ont. rbackus@inetsonic.com, 519-986-9961.

—Rob Backus, P. Eng.

Equipment and wood for sale.

Stetson Ross 24 x 30-in., 4 head timber sizer c/w all electric, soft start 75 hsp, belt feed, 54-in. blower, cyclone and stand, 25-yd. chip bin, infeed deck, powered infeed rollers, outfeed rollcases. \$59,000US. Sawmill package, 36 double cut mill 50-ft. bed, edger, thickness resaw, trims saw, belt troughs & decks, green chain, forklifts, resaws, 4 x 12, 6 head moulder, 6 x 36 2-head planer, lots of aux. equipment. Call for pricing.

Reclaimed Doug Fir timbers, beams and planks, approx 75,000 bf, all denailed, sell as one package only.

$\frac{3}{4}$ and $\frac{1}{2}$ vertical grain and some mixed grain B+ btr clear Doug fir, no knots, S-grn approx 10,000 bd.ft., mixed units, 2 x 4 thru 2 x 10, 1 x 4 thru 1 x 10.

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VG/MG clear w/red cedar heavy veneer, $\frac{1}{4}$ – $\frac{1}{2}$ x 9 in. x r/l. John, Vancouver area, 604-462-1510.

Equipment for sale.

Chain mortiser: Protool CMP150 with 1½-in. chain, just resharpened; comes with Protool GMP145 Mortise guide frame for simple cutting of mortises; 220 Volt/2000 Watt motor. My wife and I purchased this mortiser to cut joinery for our own Eastern White pine and cherry frame which we raised last summer. It's time now to finish the house, buy bathroom fixtures, etc. \$2400 or best offer. David Bank, East Falmouth, Mass., phone 508-457-4585, email dbank@sea.edu. Thanks!

For sale.

Holzher SBP 285 portable bandsaw. Used once, extra blades, 220 volt. \$2000 OBO. Call Merle Adams at Big Timberworks, 406-763-4639.

Frame for sale

Student-cut 16 x 24 queen post oak timber frame with a loft. Photos of this frame being cut are at www.grandoakstimmerframing.com/April2005.html. For more info, ask Scott Stevens, 731-642-2908, scott@grandoakstimmerframing.com.

Future craft center.

Farm on National Historic Register located near Willmar, Minn., has shop, granary, and large barn built in 1868. Would like to work with artisans (timber framers, blacksmiths, tinsmiths, coopers, stained glass artists) to utilize the space and develop a craft center. For more information please ask Jay Bosch, 8191 County Road 4 SE, Atwater, MN 56209. Phone 320-974-3383, email jay.bosch@blueskiesunlimited.com.

Help wanted.

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Help wanted.

A London, Ontario, timber frame company is expanding and has immediate positions open in drafting, timber frame, and architectural design. You must be willing to relocate or commute within one year to the Mount Forest, Ont., area. We need a quick learner who works well under pressure, has a strong knowledge of construction and design, is AutoCAD or CADworks proficient, and can communicate effectively. Salary DOE. Please send your résumé to Pauline Jibb-Pacheco at pauline@pineridgettimberframe.com or fax 519-471-1165.

Help wanted.

Experienced timber framers needed, good wages, high energy, benefits. Join our team of outstanding craftsmen and build beautiful projects. We have positions for experienced timber framers. Check us out on the web at HarmonyExchange.com. Apply to rmueller@harmonyexchange.com, fax 828-264-4770, or call 828-264-2314 ex. 18.

Help wanted.

Northern Lights Timber Framing has an opening for an entry-level joiner. 80–90 percent of the job will be in our Minneapolis workshop. The remainder will be at job sites throughout the state which may require being away from home for 1–2 weeks, about 4 times a year, all expenses paid. You'll learn all about timber framing, from cutting the joinery to raising the frame. As the new guy in the shop, you'll get to spend some time with the broom as well!

Enthusiasm is far more important than experience. We want you to take great pride in your work: commitment to quality is mandatory. Call Clark at 612-791-2736, or email clarkb@northernlightsttimberframing.com.

Help wanted.

We are looking for talented individuals with knowledge of timber framing and Cadwork to work full time in New Hampshire. Successful candidates will be intelligent and work well in a team, while having responsibility for design and framing decisions. Please contact Jonathan Vincent by email, jonathan@timberpeg.com, call 603-298-7720 ext.28, or fax résumé to 603-298-5425. For more information about our company, staff, and products, visit www.timberpeg.com.

House for sale.

In the Sacramento mountains of New Mexico. Finished 3 years ago; very energy efficient and most beautiful home. Forced to sell. Please help! This home is a great find: five bedrooms, five baths; includes a basement apartment. Radiant floor heat, structural insulated panel walls and roof, roof finished in flat slate tiles, beautiful view from every window. Many other amenities including two master bedrooms. Michael Robinson, 830-377-1575, mlrbasse@yahoo.com.

Hundegger (K2) machine operator.

Good level of carpentry experience, good knowledge of computers and computer operating systems. Experience operating a Hundegger and large planing machine a plus. Reach Reinhard Sauter at Sauter Timber, Rockwood, TN, 865-354-6363, fax 865-354-6316, or email Reinhard@sauter-timber.com.

Intern and timber framer needed.

Intern: Gain hands-on experience in general carpentry, timber framing, and tinsmithing (as a standing seam metal roof fabricator-installer). As a summer or semester intern, you will have access to a variety of principal managers and highly skilled tradesmen as you assist our lead carpenters, timber framers, and tinsmiths in producing new custom timber frame buildings and restoring historic barns, covered bridges, residential homes, and pavilions. This is a unique opportunity to develop work skills in labor, design, and management.

Timber framer: We seek a skilled timber framer for our team-oriented production of custom timber frames. Work in-shop and onsite to produce rough-sawn and mill-planed timber frame structures: barns, covered bridges, residential homes, and pavilions for private and public contracts. Experience in layout, joinery, and milling with power tools and hand tools is required. Help manage projects and sites. Onsite rigging and raising. Competitive wages and benefits. Great potential in an established, growing business in historic Frederick County, Md., by the Catocin Mountains.

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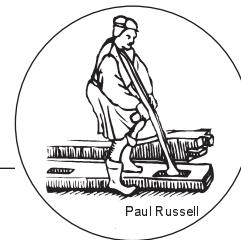
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EVENTS



Guild projects

In Angola, Indiana: Selman pavilion. Jun 13–24. (See page 23.)

In Allenstown, N.H.: Allenstown Meeting House roof framing. May 21: Timber frame forensics. Fall 2005: roof rebuilding. (See page 5.)

In Bainbridge Is., Wash.: Nidoto Nai Yoni. Sep 12–18: workshop. Sep 17–25: rendezvous. (See page 14.)

Near Abingdon, U.K., and with the Carpenters Fellowship: Northmoor Trust office. Rendezvous Jul 8–24.

Guild projects contact:

Joel C. McCarty, joel@tfguild.org, 603-835-2077.

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Guild conferences

Eastern Conference 2005. Oct 13–16, Burlington, Vt.

Western Conference 2006. Apr 20–24, Tigh-Na-Mara Lodge, Parksville (Vancouver Island), B.C.

TTRAG 2006. Eastover Resort, Lenox, Mass., May 12–14, 2006.

Eastern Conference 2006. Hotel Roanoke, Va., Nov 9–12, 2006.

Western Conference 2007. Asilomar, Monterey, Calif., Apr 12–15, 2007.

Eastern Conference 2007. Montebello, Québec, Oct 18–21, 2007.

Other conferences

Historic Deerfield

Dendrochronology in the Northeast: a research tool comes of age. May 19–20, Deerfield, Mass. Anne Grady, 781-862-9877, www.historic-deerfield.org.

International Log Builders Association

Summer Rendezvous. Jul 16–17, Fenshawe Pioneer Village, London, Ontario. www.logassociation.org.

U.K. Carpenters Fellowship

Frame 2005. Sep 2–4, Chiltern Open Air Museum, Newland Park, Gorelands Lane, Chalfont St. Giles, Bucks. (See page 13.) Norm Guiver, nguiver@btinternet.com, www.carpentersfellowship.co.uk.

Tours

Hida Tool and Kezuron-Kai

Woodworking in Japan. Sep 15–26, Mt. Fuji area. Yuka Johnson, Hida Tool, 800-443-551, www.hidatool.com.

Other workshops

Centreville Settlement

Barn restoration (1849): half timber repair, stone masonry, nogging, archiving, and interiors.

Apr 16–Nov 12, every other Saturday, Manitowoc County, Wisc. 414-964-0319, www.centrevillesettlement.com.

College of the Rockies

Natural building school. Jul 4–22.

Timber frame program (12 weeks). Sep 26–Dec 16.

Timber frame program (12 weeks). Jan 9–Mar 31, '06.

Kimberley, B.C. kimberley@cotr.bc.ca,
www.cotr.bc.ca/kimberley, 250-427-7116.

North House Folk School

Basic timber framing. Jun 8–12, Sep 7–11.

Build your own timber frame. Jun 21–Jul 1, Jul 5–14,
Jul 18–28, Aug 1–10.

Basic yurt construction. July 23–27.

Sustainable building design and practice. Sep 15–16.

Intro to cordwood construction methods. Sep 17–18.

Grand Marais, Minn. Peter Henrikson, 888-387-9762,
www.northhouse.org.

Fox Maple Timber Framing

Natural building. May 25–29, Jun 4–5.

Intro and advanced timber framing. Jun 6–18.

Brownfield, Maine, www.foxmaple.com.

Heartwood

Timber frame design and joinery decisions.

May 30–Jun 3.

Timber framing with Dave Carlon and Josh Jackson.

Jun 6–10, Aug 8–12.

Compound joinery with Will Beemer. Jun 27–Jul 1.

Converting trees to timbers. Jul 18–22.

Cruck framing with Jack Sobon. Jul 25–29.

Scribing with Dave Carlon, Josh Jackson. Aug 1–5.

Historic barn repair with Jack Sobon. Aug 15–19.

Washington, Mass. Will and Michele Beemer,
413-623-6677, info@heartwoodschool.com.

Rocky Mountain Workshops

**Advanced timber frame engineering–modeling and
joinery design with Grigg Mullen and Jennifer
Anthony.** May 25–29.

**Mastering the basics of square rule timber framing
with Dave Carlon and Josh Jackson.** Sep 11–17.

**Compound joinery with Will Beemer and Curtis
Milton.** Sep 18–23.

Pingree Park, Colo. Peter Haney, 970-482-1366,
haneyrmw@frii.com, www.rockymountainworkshops.com.

Northern Alberta Institute of Technology

Introduction to timber framing. Jun 6–10, Fairview,
Alberta. 888-999-7882, x. 617.

Colorado State Univ. Architectural Preservation Institute

Local sourcing and crafting of wood and stone. Jun 20.

Crafts-based assessment and stabilization of historic

wood structures. Jun 21–24. With Rudy Christian,
Peter Haney, Steve Jaouen, Chris Koziol, and Dick
Lippoth. Fort Collins, Colo. 970-491-0244,
www.api.colostate.edu.

Murray Timber Framing

Basic timber framing. Jun 27–Jul 1, Utah. Jul 4–8,

Utah. Jul 25–29, Washington State. Mark Olson,

206- 849-7164, www.murraytimber.com.

U.L. Carpenters Fellowship

Square rule workshop with Higgs Murphy. Jul 7–8.

SIPs, Jul 24–26. Abingdon, U.K. joel@tfguild.org.

International Log Builders Association

Log grading. Jul 15, Fenshawe Pioneer Village, Lon-

don, Ont. www.logassociation.org.

Grand Oaks Academy of Timber Framing

Introduction to timber framing. Sep 10–17, Arcadia

Valley, Missouri. Scott Stevens, 731-642-2908,

scott@grandoakstimmerframing.com.

Sobon-Carlon

Traditional Timber Framing with Jack Sobon and

Dave Carlon. Sep 21–25, Hancock Shaker Village,

Hancock, Mass. Jack Sobon, 413-684-3223, or Dave

Carlon, 413-684-3612.

Bradwood

Timber Framing with Dave Carlon & Josh Jackson.

Oct 1–10, Ashland, Ohio. 330-635-2400,

bradwood@core.com.

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ILBA hits the road

THE INTERNATIONAL LOG BUILDERS ASSOCIATION (ILBA) Tour will hit the road this summer, stopping at a variety of events throughout North America from west to east and back again. The goal of the tour is to promote the industry and provide education to industry professionals and the public. So far, the stops will include:

- the Great Lakes Log Crafters Association meeting in Siren, Wisc., in mid-June.
- the Forest Products Society convention, Québec City, Québec, June 21.
- the 75th anniversary of Le Château Montebello in Montebello, Québec, July 2.
- the main event, an ILBA workshop-rendezvous and public demonstration at the Fenshawe Pioneer Village, London, Ontario, in mid-July. There will also be a pre-rendezvous log grading seminar July 15.

The ILBA also plans to visit member sites, potential members, government officials, historical log building sites, and so on. For more information, visit www.logassociation.org/road_tour/index.php. Logbuilders, *bon voyage!*

Joel en route

AS PART of his extensive travelling this spring, Joel sent along these photos of curious sights along the way. As he says, you can't make this stuff up.



Idaho license plate and bumper sticker together explain the driver's curious views of life.



In Nebraska, the shrine of the holy family stood out from the super-highway. (www.holyfamilyshrine.org)



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