



# SCANTLINGS

NEWSLETTER OF THE TIMBER FRAMERS GUILD  
NUMBER 118 NOVEMBER–DECEMBER 2005

## Building on success

### Next children's workshop on Vancouver Island?

THE CHILDREN'S WORKSHOP at the Burlington conference was a stupendous success. We have finally arrived at a way to get kids involved in what we do!

Following this success, we are soliciting interest in doing a children's workshop on Vancouver Island in April, 2006. Thanks to the generous purchase by Bo Foard of the climbing wall (built by the kids in Burlington), we have enough money in the fund—earmarked exclusively for the children's workshop—to provide a few scholarships to kids and instructors, build up a tool cache, and provide child care for the youngest kids. Age groups will be 12 and over (full participation: three scholarships available); 4–11 (supervised, limited participation: can join younger set in supervised child care or other age appropriate activities); 3 and under (child care with parents volunteering some time per child).

To get the ball rolling, we are asking parents, kids, and instructors to commit early. Parents will be required to volunteer for at least two 1½-hour sessions. Three scholarshiped instructors are needed. We will rotate duty so that all may enjoy the conference. In all, to make this happen, we need at least three people to run it and eight kids registered.

Please email us, [conferences@tfguild.org](mailto:conferences@tfguild.org), by December 1 so that we can gauge interest and plot a course; thanks. We look forward to hearing from you!

—Chris Koehn and the Conference Committee



photo Ken Rower

*Kids at October's Burlington conference focus on wood.*



photo Ruth Koehn

*Travis Diffenderfer is happily engaged.*

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BuildingGreen will extend a one-time \$30 discount to members of the Timber Framers Guild. You can apply it to either renewals or new subscriptions for *Environmental Building News* (print) or the BuildingGreen Suite (online).

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None of BuildingGreen's resources carry advertising of any kind. They have a solid reputation for providing building industry professionals with accurate, unbiased information on sustainable design and construction.

If you'd like to take advantage of this one-time discount, just go to the BuildingGreen website ([www.buildinggreen.com](http://www.buildinggreen.com)) and use the promotion code TFG when you purchase a subscription to either *Environmental Building News* or BuildingGreen Suite. The price will be reduced on your online order by \$30.

At the website you can also learn more about BuildingGreen's resources on sustainable design and construction and download a sample newsletter.

—Jerelyn Wilson

[This offer was generated by BuildingGreen's recognition of the Timber Framers Guild (and especially the Natural Building Track) and by John Abrams' mention of BuildingGreen and *Environmental Building News* in his keynote address.—Ed.]

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# Conference reflections

TO ALL of you who were unable to attend the 20th anniversary conference in Burlington: we missed you at a memorable event! From the opening keynote address by the inspiring John Abrams, who helped to show us how to think like cathedral builders, to David Eisenberg's reminder of why and how we need to be committed to sustainable building and development and Tom Hubka's energetic profile on connected barns at the close of the conference on Sunday, the weekend was jam-packed with informative seminars and events. Having a conference in New England seems to be a draw for the membership. We had about 450 people this year, the largest turnout since the last Burlington conference.

The pre-conference workshops on Thursday were very well attended; every seminar I looked in on was close to capacity. Trade show folks staffed their booths throughout the entire conference, probably because of both the accessible location and the large attendance. The highlight of the weekend, though, was the children's workshop. The auction once again showed us the incredible generosity and thoughtfulness of the Guild and its members.

I thank everyone who made all of this happen. Special thanks to Will Beemer who, as the main conference coordinator, pulls it all together. Thanks as well to Sue Warden, Michele Beemer, and Susan Norlander, who always keep everything moving so smoothly. And a thank you also to Charlotte Cooper (and Bill Devereaux) who continue to make sure the books that we are interested in are available. We all missed Joel this year, but the community of Alstead, N.H., which was so devastated by the floods that hit that area, needed him more. It wasn't the same without him.

As this conference closes, planning for the 2006 Western Conference begins. David Blackwell, the new Guild conference coordinator, has already started working on the details. A con-

ference committee was formed this year. If you want to take part in this committee or have ideas for future conferences, please tell David ([blackw3@directway.com](mailto:blackw3@directway.com)), or me ([BrendaB@riverbendtf.com](mailto:BrendaB@riverbendtf.com)). We want to make the conferences what you want them to be.

I'm looking forward to seeing you at the Western Conference on beautiful, exotic Vancouver Island in April, 2006!

—Brenda Baker, president, TFG Board of Directors



photo Ken Rower

*The fruit of the kids' workshop: the builders usability-test the climbing wall; adults observe.*

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# Record number of scholarships this year

RECENT CHANGES in how we administer the Guild's Memorial Scholarship Fund have resulted in a record number of awards and lots of new young faces at TFG events throughout 2005. Almost \$7000 was given out to 36 recipients who requested financial assistance. Half of them attended the Burlington conference.

The fund has almost \$70,000 in a stock-and-bond fund that has been augmented by your donations and those in memory of Mark Brandt, Dave Gaker, and Mark Witter. In previous years, only the interest from this account was awarded as scholarships, and this averaged \$2000–\$3000 per year. With recent downturns in the stock market, the Board of Directors decided that we would now take the interest *plus* the amount donated each year and award that as scholarships, rather than put the donations into the fund. In other words, the fund principal will not be externally augmented, but there is now more available each year to award. Members donate an average of \$3500 annually to the fund, many as part of your annual renewal (the \$10 option you can check off on the form). This money, along with the interest, is awarded each year.

The Scholarship Application Guidelines and Form are

for the event, whichever is less. Scholarship fees cannot be applied to room and board costs. In considering an application for a scholarship, priority is given to Guild members. For non-Guild members, it's reasonable to expect that part of the scholarship will be awarded in the form of a membership.

We ask applicants to submit material for consideration at least one month prior to the event for which you are requesting financial assistance. This material should consist of, at a minimum, the official Scholarship Application Form with its Statement of Purpose explaining the applicant's particular interests and how the event specifically attracts you. In other words, why do you want to attend, and how can the Guild best serve our purpose in helping you attend? Also included on the form is a statement of need including information such as age, current income level, and other indicators of the need for financial assistance.

In addition, applicants are asked to volunteer ways to make a contribution of labor to the Guild in exchange for the scholarship. Scholarship recipients for this year did things like helping at the conferences (moving stuff, taking donations for the Alstead relief fund, selling bag

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## Almost \$7000 was given out to 36 recipients in 2005.

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available online at [www.tfguild.org/scholarship.html](http://www.tfguild.org/scholarship.html) or by request to the Becket office. We encourage applicants to submit the form electronically (email or fax) to help the scholarship committee process it as quickly as possible. The committee reviews the applications and strives to distribute all the available funds for that calendar year based on the merit and completeness of the applications. The current committee consists of Rudy Christian, Chris Feddersohn, Will Beemer, and Joel McCarty.

Scholarship amounts vary, but in general they are limited to a maximum of \$300 or half the registration fee

auction tickets), providing and/or transporting materials for conferences and workshops, and writing articles.

Finally, we request a résumé of related experience and letters or emails of recommendation.

If you wish to donate to the Memorial Scholarship Fund, you may do so at [www.tfguild.org/scholarship.html](http://www.tfguild.org/scholarship.html) or when you renew your membership; and thank you for helping keep the craft alive!

—Will Beemer

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# Our 20th Anniversary Conference: observations

*SOME BOARD members and staff took a moment to record what struck them at the Burlington conference. Here's the result.*

## Gordon Macdonald and Steve Lawrence Let the Crane Take the Strain (pre-conference workshop)

The history of raising timber frames with modern cranes is young; in contemporary construction, cranes are most often used for steel construction. Gordon and Steve shared their many tips, tricks, and techniques specific to rigging and lifting timber structures. Designed for folks familiar with raisings, the workshop contained "buckets" of information. The presentation was thorough, covering

planning, engineering, and center of gravity calculations in a manner easily understood even by me. Gord presented the intimidating reality of dealing with OSHA regulations in a very relaxed manner that made me feel that this four-letter word is not one to run and hide from. He took us through samples of raising plans, rigging lists and tables, load charts, reference books, and online information, and emphasized the need to always keep communication open with your team from the planning stages through the actual raising. Steve covered sling types and methods, shackles, master links, hoists, spreader bars, man baskets, and bosun's chairs. It was a full morning of information, but everyone was eager for more.

Then we got to go outside and put theory into action. Classen Crane Service provided a brand new 90-ton crane for us. Under Gord's direction, we were shown how to ask the right questions and better understand the job from the crane operator's point of view. He emphasized communication, communication, communication. Always let people know what you need and then listen to their needs. In the crane world, vocal communication can be a problem (because of the noise level), so hand signals or radios are essential. After several exercises with Gord, Steve took us through two fan-



photo Will Beemer

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photos Laura Brown

*Steve Lawrence directs an asymmetrical lift rigged as a rolling pick.*

cier lifts. A large bent was assembled with truck strap connections; Steve rigged the bent to be lifted with two spreader bars to demonstrate tandem lift. The bent was rigged so that there was very little strain on the truck strap joinery; Steve directed the crane operator to roll it to 45 degrees. The bent gracefully rose off the bunks with no evidence of twisting or strain, and when high enough, it gently bowed to the crowd until it was returned to earth. Using center of gravity calculations and with the aid of two spreader bars, Steve knew exactly where to rig the straps at the four points to raise the bent as though it was weightless.

Next he moved to a more complicated element, an asymmetrical frame with a long vertical timber on one side. The calculations were a bit more complicated for center of gravity points, but Steve had it all figured out ahead of time and had rigged the frame ready for the lift. This lift was an example of a rolling pick and a transfer pick in that there was a snatch block and wire rope which allowed the pick points to roll as the load shifted when the frame was lifted. The very lopsided frame began its ascent in a slow and out-of-balance manner, but as the wire rope slid through the sheave, the single-legged frame became vertical and stood tall on its one post, held aloft by the crane to the cheers of the group. This pick was used in the Salem project last spring.

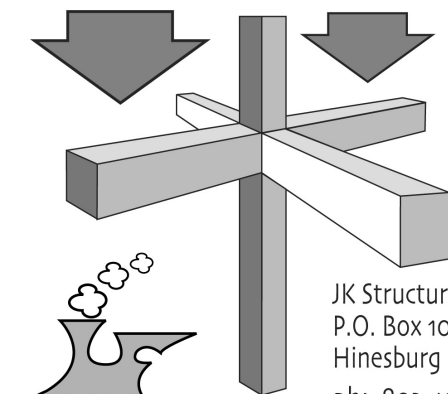
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Safety must be front and center in Guild projects and in the information we bring to timber framing. As we develop more complicated designs, we also must deal with the process of assembling these grand structures safely and efficiently. Learning and adjusting crane practices for the specific needs of timber framing is the task of the present day timber framer, and the Guild is helping to lead the way with workshops such as this.

—Laura Brown

*[Laura also took a movie of the lift. It's a bit dark, but you can see what's going on. You can view it at [www.tfguild.org/confs/confeast2005/craneworkshop.html](http://www.tfguild.org/confs/confeast2005/craneworkshop.html).—Ed.]*

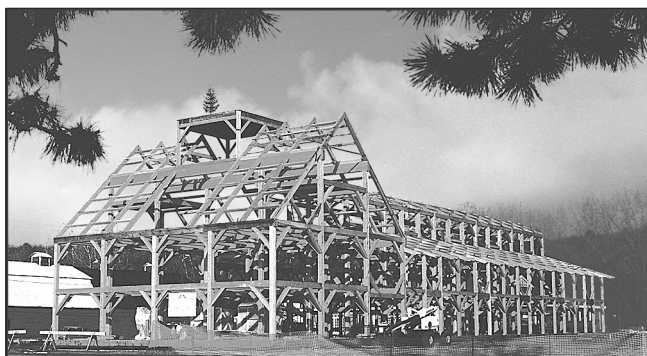
### **Jerry Rouleau Follow Up Skills, Advertising and Website, Public Relations (three talks)**

I doubt that many of us thought much about marketing and advertising when we first started timber framing. We just loved it! We wanted to cut timber frames and provide them to anyone else who also loved them. As time has passed (brought to mind often at this 20th Anniversary conference in Burlington), we've realized that just loving timber framing isn't always enough to get the word out. We have to market it and ourselves. From the standing-room-only attendance at Jerry Rouleau's seminars, it seems obvious that more and more of us want to learn how to best do just that.

Jerry, possibly the foremost leader on marketing in the systems-built industry, challenged us to think about how to get the most bang for the buck in our marketing, public relations, advertising, and sales. What we do doesn't have to cost a lot of money, but we do need to do some thoughtful planning to be effective. He pointed out the obvious which, in our busy days of getting the timber frames out the door, we tend to forget. For example, how do we follow up on leads we receive from advertising, trade shows, or PR events? He did an exercise with scratch-off lottery tickets, comparing them to business leads. How many folks would buy a ticket and not scratch it off? The same goes for inquiries. Why solicit these leads if you don't follow up? He offered tools and suggestions for a smooth, productive followup process and provided strategies to help bring customers back.

Unique stories are often attached to the timber frames we build. Timber frame customers are often very interesting people. How can we get these events and stories publicized? Jerry has tons of creative ideas for getting this information to the local media. We have to learn to think "outside the box" about our websites, promotional opportunities, and advertising. Timber frames are beautiful, incredible structures; we timber framers and our owner-customers are already aware of this. How we get that word out to others is an ongoing, subtle process. It doesn't happen overnight. If we raise our awareness and understand how to spread the word, timber framing will become even more recognized and revered.

—Brenda Baker



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### **Engineering: Timber Frame Engineers Council, Ben Brungraber, Anders Frøstrup, Amy Warren, Tom Nehil, and Joe Miller**

Engineering wasn't a formal motif at the Burlington conference, but it certainly took its place as a theme in the symphony. Two exceptionally clear presentations offered introductions to engineering timber-framed buildings, a third took up the narrow but nevertheless interesting subject of keyed beams (as an alternative to impractically deep ones), a fourth examined the capacity of pegged mortise and tenon joints—and a new Guild baby calling itself the Timber Frame Engineers Council was born at a well-attended roundtable and almost immediately grew to an email list of 55.

While the mission of this group will be defined in due time, in the discussion at the initial meeting the group heard mostly pleas from engineers to train timber framers to consult them early in the design sequence rather than late as they are wont to do now. Too often the framer has already worked out faulty arrangements difficult, expensive, or impossible to correct. In other instances a frame design meets its first professional engineer when the framer sends a naïve (possibly dangerously naïve) design to a panel company for detailing, and the panel engineer reviewing the plan has to intervene or face



sleepless nights. In some measure the group also heard pleas from timber framers respectful of engineering to make engineering services more conveniently available.

Of the many people who spoke at the meeting, the energetic Nova Scotian Mark Gillis, P.Eng., had a great deal to say and will clearly urge the group forward. For contact information, see the sidebar on page 9.

Keyed beams are found in the truss chords of timber bridges and other heavy structures where solid pieces wide enough or deep enough to do their work are impractical for material or joinery reasons, and smaller timbers are instead joined edge to edge by periodically spaced keys, sometimes called shear blocks. Keyed beams are also found in decorative trusses, for instance in American Craftsman-style and Greene and Greene buildings from the first quarter of the last century. Ben Brungraber of Benson Woodworking and B&B Engineered Timber (New Hampshire) has been experimenting with keyed beams for some time and, together with our Norwegian visitor Anders Frøstrup (who posed certain points and made the skillful illustrative drawings for the talk), Ben discussed the essential questions of interest: the strength and stiffness of the keyed beam in relation to its solid correlative, the comparative merits of parallel vs. skewed keys, the uncertainties of obtaining bearing on all faces of the key, the desirable frequency of keys in the length of the joint. Want the answers? Considering the velocity of standard speech taught at the Brungraber School of Elo-

cution, the reader is advised to urge Ben to publish his findings in the Guild journal so that everyone can benefit ([ben@bensonwood.com](mailto:ben@bensonwood.com)).

Amy Warren, P.E., of Nehil-Sivak Consulting Structural Engineers, Kalamazoo, Michigan, who listened carefully to the talk on keyed beams and took from it a useful formula to help design her own, later addressed a session on engineering concepts for timber and joinery design, well illustrated with step-by-step drawings and focusing most closely on the modeling of the pegged mortise and tenon joint. It is a sign of our times and what we ask of our contemporary frames that so much attention must be put upon the tension capacity of this joint. For so many centuries until the 19th, the mortise and tenon joint was used preferentially in compression, and when knowingly used in tension it was significantly reshaped to fit the condition. Despite the word "concepts" in the title of this talk, it was full of practical advice and pitched at the alert framer who wants to put things together in fundamentally sensible ways.

Tom Nehil (the Nehil in Nehil-Sivak above) gave an equally practical talk aimed at the same ideal framer, but citing broader considerations than Amy Warren. "Whole Building Engineering for Timber Framers" surveyed floor, roof, and lateral (wind and seismic) loads, and explained how they travel through the elements and connections of the building. Frankly observing that our short American knee braces help resist racking but nevertheless yield a flexible frame (sill-to-plate braces, Euro style, would be better), he emphasized the diaphragm action of interior and exterior cladding in obtaining desired lateral stiffness and its importance in design of the composite system.

I regret I didn't get to Joe Miller's disquisition on the tension capacity of pegged mortise and tenon joints, because I did hear him answer questions handily at Amy Warren's talk. Joe's lecture covered the methodology and findings of timber joint research at the University of Wyoming, where engineering professor and former Guild board member Dick Schmidt has been pursuing the subject for some years with a succession of grad students. I understand the talk also explained how to use the research

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in practical joint design. Joe ([joemiller662@adelphia.net](mailto:joemiller662@adelphia.net)) is staff engineer at Yankee Barn Homes, Grantham, N.H.

—Ken Rower

## The TFEC is born!

A GROUP of structural engineers specializing in the engineering of timber frames met during the Burlington conference and decided to form the Timber Frame Engineering Council (TFEC). The TFEC is dedicated to advancing the technology of timber frame engineering. The goals of the group include providing an open forum for the discussion of engineering topics, promoting appropriate research to advance timber frame and SIP technology, producing technical publications and articles on various topics, advocating amendments to building codes and technical standards, and conducting engineering sessions in conjunction with TFG conferences.

The TFEC will be a group within the Timber Framers Guild, and membership is open to any Guild member with an interest in timber frame engineering. For more information, or to become a member of the TFEC, send an email message to [engineers@tfsguild.org](mailto:engineers@tfsguild.org) or call Jim DeStefano at 203-254-7131.

## Celebrate our milestone with a T-shirt!

THE EASTERN Conference T-shirt (front design at right) was a huge hit. Thanks to Audi Pauliukonis for the design and Andrea Warchaizer for the concept. We still have some left in assorted colors (brown or green) and sleeve lengths: 2 Small, 11 Large, 33 X-Large, 37 XX-Large, and 1 XXX-Large. (Sorry, no Mediums left.)

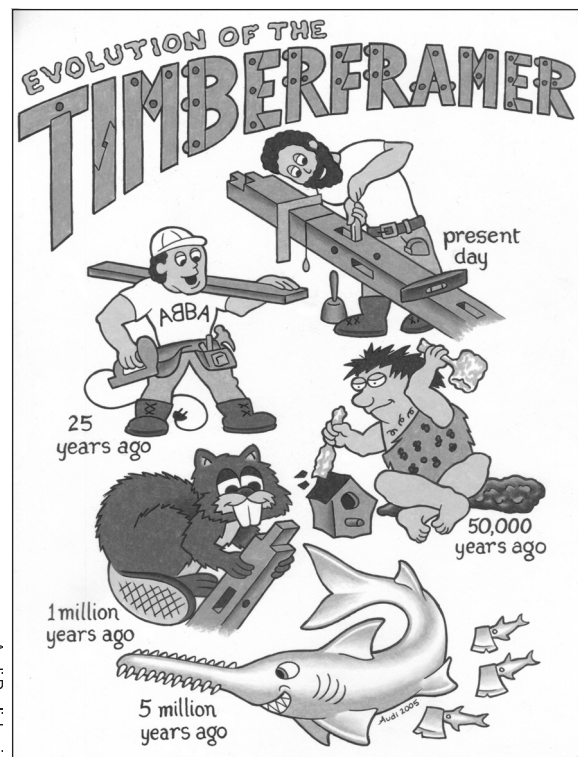
If you'd like one, talk to Sue Warden at the Guild office (413-623-9926) or email her directly ([sue@tfsguild.org](mailto:sue@tfsguild.org)).

## Planet Zydeco

Will Beemer lined up this local Zydeco band for Friday night. It was well attended, and the dance floor filled up quickly. The band played for several hours. Will Beemer joined in on the guitar mid-show for few old favorites. Young and old alike took part, and it was great to see three generations of Guild members out on the dance floor.

Dance lessons were even offered by members of the band, but Tim Whitehouse certainly didn't need any lessons as he emphatically controlled the dance floor with anybody who could stay with him long enough. It's obvious that timber framers enjoy these activities at conferences; I was reminded of the contra dance in Montebello in 2003, also a well-attended evening. Let's keep the bands coming at upcoming events!

—Rick Collins



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# The Alstead Flood of 2005



*Most of the road (right side of photo below the trees) is washed away.*

photos  
Tedd Benson

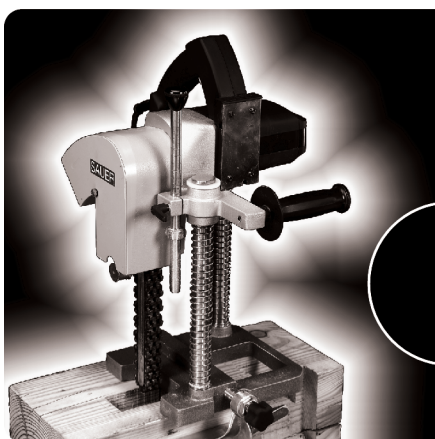
A CATASTROPHIC flood struck the village of Alstead, New Hampshire (pop. 1973), on October 9. Twelve inches of rain falling in a day tore at every road in the village, brought the water in Lake Warren spilling around the dam, changed Warren Brook into a river, and filled the wetlands like a huge bowl of water. The 12-ft. culvert at the end of the wetlands-now-lake could not release water fast enough. The earthen levee around it burst at 7 am; a wall of water surged through the valley to converge with the churning Cold River and shove through the center of the village.

Four people died. Twelve homes vanished, as did the land where they had stood, some of it scoured down 15 ft. to bedrock by the power of the water. Thirty-six homes were destroyed, 24 homes sustained major damage, and another 47 homes were seriously affected. A garage that serviced cars for 52 years vanished, its concrete block building torn away along with its foundation. An auto body shop disappeared, its cars and those of a

used-car lot tumbling like crumpled foil through the river. Of the seven bridges linking the hills, valleys, and people of the village, six were completely destroyed and the seventh partially functions after patch-up repair. Chasms exist where once gently winding roads lay; one of these is 60 ft. deep. The brook and the river carved their new channels, utterly changing the landscape.

Many more lives would have been lost were it not for the bravery of Alstead's emergency workers, road crew, and two policemen who, from midnight on, put their own lives in peril to plead for evacuations. The emergency communication systems worked very well.

A dense sadness hangs in the village, stirred by day by the roar of equipment. Activity becomes more comfortable than crying. The green where soccer and baseball were played, and where the 4-H riding rink was just finished, and where we held festivals and picnics, is no longer green, but brown and muddy and filled with 20-ft.-high mountains of smashed cars, broken trees, miscellaneous metal, pieces of houses. Excavators traverse the river to clean the vast debris fields; they fill gravel-pit-size dump trucks which then pile their loads on the mountains. The odor of wet, rot, and fumes is wrapped in the air where the little scoreboard still welcomes us to Milot Green.



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As Selectman and Emergency Director, Joel McCarty (our Guild co-Executive Director) has been spending 12 to 16 hours a day in the village, learning the physical and emotional intricacies of rescue, stabilization, and recovery and working with state and federal agencies of all sorts. The people of Alstead have been grateful for the presence and efforts of local volunteers, the Red Cross, the Salvation Army, the National Guard, state and federal representatives, and the active involvement of Governor John Lynch—who, on his seventh visit to Alstead, came only to meet with the children of the schools, to ask them of their fears and to reassure them that though things would never be the same, they would get better.

“In addition to being a disaster, this is an opportunity,” says Joel. New work begins: meetings with Habitat for Humanity have commenced, a committee has taken the task of distributing aid, thoughts of memorializing the event are emerging. Healing, recovery, repair, and rebuilding will take years, and the village of Alstead intends to do a good job.

### The Guild and Alstead flood relief

Alstead, New Hampshire, early on became the most important center for the re-emergence of the craft of timber framing. Tedd and Christine Benson built a home and began their business there. Today, 14 members of



*The bandstand, a Benson Woodworking workshop project from years ago, was swept up by the water and moved several hundred feet from its location. Inside it is a 500-gal. propane tank and lots of other debris.*

the Guild live in this village and several more in nearby villages and towns. Many thousands of people devoted to the craft of timber framing can claim a connection to this little village through books, visits, buildings, work, classes, and the organization of the Guild itself.

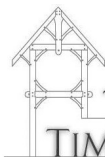
Concerned Guild members gave generous attention to the Alstead Flood at the conference in Burlington. Tedd showed fresh pictures at the Friday slide show. Will Beemer, who had planned a relief effort for the Gulf Coast hurricanes, shifted his focus to the sudden great need close to home; he and Vermont band Planet Zydeco collaborated to link CD sales and donations, all set to a background of lively—and lots of fun!—dance music. A special pre-auction auction took place Saturday night, set in motion by a Foard Panel raffle of a large barbecue grill at the trade show mixer. The grill was won by Rick Belinda of Olympic Manufacturing Group who, in consultation with Bo Foard, offered it as a Flood Relief auction item. Bob Best of Timberpeg was the high bidder, and he promptly donated the grill back to the auction. Jack Witherington was the final high bidder. Altogether the concern and generosity of Guild Conference attendees raised \$3765 for the Alstead Flood Relief Fund. Thank you very much. And I took home with me several hundred kind thoughts to give to Joel, who, for the first time ever, missed a Conference.

—Susan Norlander



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### That first (20th) conference

IT SURE feels good to get my first Guild conference under my belt. It was a great learning experience; I really enjoyed meeting so many of you. I think we all owe a big thanks to Will Beemer, Joel McCarty, and the rest of the Guild staff for putting together one heck of a conference. I was very impressed with the wide range of programs offered, and the great attendance showed the relevance of these programs. I was particularly impressed with the attendance at the seminars offered by Jerry Rouleau. Jerry mentioned that this was the best attendance he had ever had. This is of great interest to the TFBC, as it shows there is an appetite among you for learning more about how to make your skill and love of the craft translate into a successful business.

This reinforced to me that we really need to provide more information to our members. Industry information like market share, growth rates, and so on, as well as general business information such as setting up a marketing strategy, are essential to running a successful business. I am currently exploring ways to find, develop, and deliver this information to you. I'm going to need a lot of input and feedback from all of you, so expect to be hearing from me regarding what kinds, sources, and delivery of information would be most helpful to you.

Another thing that hit home to me at the show was the great diversity in our membership: companies big and small, mature and new, and a lot of different ideas on how to achieve and sustain success. Like so many other things, this is both an opportunity and a challenge. We are working hard to identify those programs that will benefit the largest number of you. On Wednesday before

the conference, the boards of the TFG and the TFBC had an opportunity to get together to talk about the training modules that the Guild has done such a great job of putting together. This is a great example of a program that has real value to many of you. I am very much looking forward to working with the Guild to get this program to you. I heard a lot of good ideas from you at the conference, and I hope you will take the time to tell me any ideas or concerns you may have. In the future, we hope to be sending you some surveys regarding the industry and your business, and I hope you take the time to contribute to this vital function. —Chad Delong

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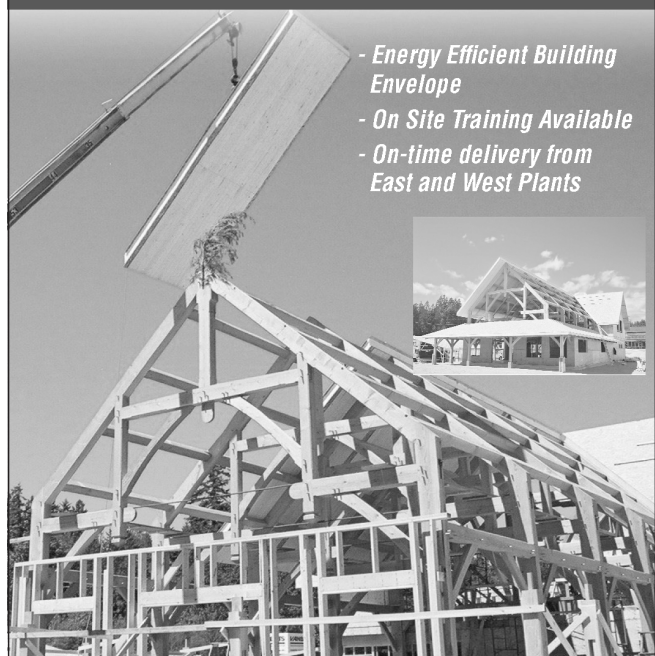


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# Auction thanks

DONORS AND BIDDERS, you have made the auction events of the 2005 Eastern Conference hugely successful. Your generosity, creativity, and good will raised a total of \$30,677.50 for your Guild. At the live auction, auctioneer Cody Westbrook and champion helper Sandy Bennett kept bidding, humor, and excitement bubbling through the evening. The spotters and recorders kept up with them with them, too. We are grateful to Creative Home Concepts, Inc.—Paul D. Kessler, designer and consultant—for sponsoring the auction. Thank you very much, everyone, for contributing in so many ways!

—Susan Norlander

John Abrams, a day of talking with you about anything  
 Don Alexander, photos of Golden and Guelph bridges  
 Alive Design, Inc. (Steve Ruckman), 5 hours of CAD services  
 Ancient Art Timberframes (George Morrison), 2 moose hide /  
     Ballistic lined chisel cases  
 Kim Balfour, 3-in. Underhill Edge Tool Co. slick  
 Bear Dance Joinery (Bob Smith & Donna Williams), from Suriname:  
     purpleheart mallet, machete-made brownheart pegs, and machete  
 Michele Beemer, mermaid tears and beads necklace, beaded bag, and  
     Michele-made chevron weave basket  
 Will Beemer, Framing Square poster; the last Super Square  
 Marty Birkenkamp, 1992 Guelph Bridge posters  
 Barn Swallow Timber Framing (Will Brownback), walnut end table  
     with butternut drawer  
 Irion Lumber, table-top stock for Will Brownback's table  
 Ben Brungraber, long-sleeve chain mail shirt  
 Leon Buckwalter, "Emmert" pattern-makers vice  
 Clark's Fork Timber, Shelter Institute and Woodbutcher Tools timber  
 framers tool bag  
 Classen's Crane Service, 1 fleece, 2 thongs  
 Lea Cloyd, 3 silk scarves: hand-painted, printed, woven  
 Cows Lumber, antique 2 man cross cut saw; pine for the Children's  
     Climbing Wall; T-shirts for the Children's Discovery Workshop  
 Creative Home Concepts, Inc. (Paul Kessler, auction sponsor),  
     custom house design, with 4 elevations, color rendering elevation,  
     basement plan, floor plans and section schematic  
 Dally Woodworks (Jerome Dally), Eric Sloane's *American Barns and  
 Covered Bridges*, broadaxe, and Sunbeam Mixmaster  
 Bill Derrick, Bill's Hangups—applewood hooks  
 Development Center for Appropriate Technology (DCAT, David  
 Eisenberg), *Building Codes for a Small Planet* DVD, 2 copies  
 Duluth Timber Company (Max Taubert), limited edition T-shirt:  
     2005 Struggle for Values  
 Robert C. Engdahl, antique wooden beading plane  
 Evergreen Specialties (Bruce Lindsay), *Hidden Fishing Streams Maps*  
     (New England, N.Y., Penna.); Seville Flamenco Guitar CD,  
     2 copies; 2 books: *Best Sea Stories* and *The New Client*  
 Evergreen Specialties (Sheri Lindsay), Turkish Delight candy flown  
     from Istanbul  
 Fearless Engineers (Jennifer Anthony), 10 hours of engineering  
 Foard Panel, company pig roast for 50  
 Ira Friedrichs, book: Eric Sloane's *An Age of Barns*  
 Anders Frøstrup, Vinkelmeter framing tool  
 GRK Fasteners, fasteners for Children's Climbing Wall  
 Garland Mill Timberframes, a BIG pumpkin grown by  
     Tom Southworth  
 Ellen Gibson, mahogany box made by Ellen  
 Handshouse Studio, 3 Bushnell Turtle T-shirts and 2 posters  
 Insulspan Corp. (Roland Belanger), Scotch sampler box  
 Adrian Jones, 2 TFG Crew Shirts  
 Journey Designs (Kathy Anderson), leather and Cordura shoulder bag,  
     woodworker's tool apron, Cordura purse  
 Duncan Keir, 1 quart Vermont maple syrup  
 Sharon Klevay, handcrafted beaded bracelet  
 Bob Kolakiewicz, twibel, or *besaigue*  
 Patrice Krantz, hand-dyed, hand stamped silk cape

Lancaster County Timber Frames, Inc., 4 Carhart jackets embroidered  
     with TFG 20th Anniversary Conference recognition  
     (men's and women's)  
 Legacy Timber Frames, Inc., genuine Navaho alabaster carving of a  
     bison; Halloween stuff: clown hats, funny teeth, flashlights;  
     handmade autumn wreath; lots of toys for children,  
     remote control whoopie cushion  
 Jim and Vickie LeRoy, 2 Grey Goose Vodka gift packs with glasses  
 Jim LeRoy, Lawyer Milloy Patriots jersey, given with tears and  
     double the bidders' offer  
 Kevin Levasseur, Skiff print by Kevin  
 Mafell North America, Inc., Mafell KSP 85F 9-in. blade portable  
     circular saw  
 Management Alternative (Margot Larson), one hour telephone  
     consultation; folding canvas chair  
 Methods and Materials (Jack Witherington), cherry for Children's  
     Climbing Wall  
 Methods and Materials (Jack and Valerie Witherington),  
     fly fishing weekend for 2  
 Curtis Milton and Joel C. McCarty, 2 riggers vests with TFG logo  
 Joel C. McCarty, Hot, Fast & Cheap – Lindy's Diner T-shirt  
 Oakwrights, Ltd. (Bill Keir), Oakwrights sweatshirt and folding  
     timber framers rule  
 The Mullens, Bob Smith and Donna Williams, Bob & Baldy's  
     Habanero Heat Hot Sauce 2+ cases  
 Olympic Manufacturing Group (OMG), 1000 new and improved  
     SIP screws with headlock  
 Old School Builders, 3 Old School Builders T-shirts  
 Allan Peoples, wild Maine blueberry jam; 2 mahogany buckles and  
     2 mahogany buckled belts from the Philippines  
 Pioneer Millworks, fleece vest with 2 bottles private label "De-nailer  
     Chardonnay"  
 Reliance Specialty Building Products, 2 polo shirts with logo, really  
     good coffee  
 Andy and Chase Roeper, indoor/outdoor slipper boots from ITEO  
 Howard Romero Photography, group panorama photo of TFG 2005  
     Conference  
 J. Rouleau & Associates (Jerry Rouleau), 4 lobsters delivered anywhere  
     in the U.S.  
 Ken Rower, dial caliper 6-in.  
 Bob Shortridge, 3 lignum vitae mallets, 1 lignum vitae commander  
 Solid Timber Construction, soapstone plate and 4 soapstone schnapps  
     cups  
 Summer Beam Books, Books: *Unbuilding, Great Moments in  
     Architecture, Stone Style, Rustic Garden Architecture, What Can I Do?,  
     Ship, Shakespeare's Globe Rebuilt, Virginia House, Updating Classic  
     America: Bungalows, Traditional Woodworking, Working at  
     Woodworking, The Technical Carpenter*; and Malabar Frame stationery  
     and bookmark  
 Timber Framers Guild, panoramic photos: Habitat for Humanity and  
     Malabar Farms  
 TFG Children's Discovery Workshop, Children's Climbing Wall  
 Timber Framers Guild, Set of *Timber Framing*, all available issues  
 Timber Framers Guild, from the Selman Memorial Pavilion Project  
     (Angola, Indiana), welded drill guide  
 Timber Framers Supply (Pete Moncada), seven-piece set of chisel and  
     slick safety guards; six-piece set of chisel and slick safety guards





## Guild panoramic photo: 20th Anniversary!

THOSE ATTENDING the Guild's Eastern Conference in Burlington, Vermont gathered for this historic group photo. A panoramic shot was the only way to get everyone into the picture.

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—Will Beemer

### Timber Framers Guild Group Photo Burlington, VT Oct 14, 2005

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(list continues on page 15)

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*Timber Homes Illustrated*, Pete Rose signature, major league baseball Timberlinx, two certificates, 50% off next order of Timberlinx, \$500 max

The Timber Shop (Gary Norton), 1000 bf cypress #2 t&g v. joint; fob Holly Hill SC

Timberwolf Tools (Kate Libby and John Libby), 6 Wood Owl tri-cut ship augers, .5-1.5 in.; Protoool cmp 150 chain mortiser with 2-in.

A set up and gmp 145; Timberwolf Tools hat and T-shirt

Estate of Ted Traill, two timber frame doll houses

Trillium Dell Timberworks, Project Manager shirt: "Have you called the welder?"; covered bridge notecards; colonial broom;

Jubilee Gold Wine

Laura Viklund, 2 Swiss log staples

Vintage Tools (Jim Rogers), 1-in. T-bar auger

Al Wallace, lecture notes and 2 hrs. consulting on alternative energy radiant heating systems; Books: *Wind Power*, *Presence*, *Wind & Solar Power Systems*, assorted children's activity books, *Little Bear's New Friend*, *Rudy and the Goat* (again), "Light in my Eyes" photographic print

Mark and Deb Watkins, embroidered sweatshirts commemorating TFG 20th Anniversary Conference

Tim Whitehouse, 2 gravity detectors aka French style plumb bobs Winter Panel, "By the Seat of our Pants" stadium quilt and bag made from the Winter Panel folks' jeans, by Peet Winter

Anonymous—(Was it you? Please let us know so we can thank you!), oak stain remover.

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What does this unique architecture, prevalent only in the small pocket of New England, tell us about sustainable design? What lessons might we learn from the choices Yankee farmers made in 1830 in response to external economic pressures? Two decades short of two centuries later, do we have the tenacity that these early settlers exhibited? Are we willing to think like cathedral builders and commit to something that we may never see completed?

If you are intrigued by these questions, read on. If not, I invite you to concentrate your focus on the technical aspects of joinery. Don't consider the bigger picture of how our finished structures may be no different than stick frames. To be fair, I encourage you to decide only

after this review of the opinions of several accomplished "timber frame-friendly" scholars on why this makes sense. I hope something I convey here will motivate you to do business differently from mainstream North American home builders.

Wisdom is knowing; virtue is doing; true virtue is work completed in faith. When planning for this conference, three plenary speakers were invited whom the conference planners knew represented core Guild values. It is no accident that these seasoned, respected men—architect John Abrams, technology activist David Eisenberg, and architectural historian Tom Hubka—chose to speak about decisions we make for or against sustainable building practice. If we continue to incorporate standard building practices into timber frames, we are choosing a flawed and indefensible lifestyle. The standard building codes that we often see as restrictive actually set *the low bar* for quality and sustainable practices. Proposing alternatives, these speakers acknowledged, is a tough challenge. It is often a battle fought on faith, yet still a battle worth fighting.

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The collective message of these three speakers resonated among those in attendance. My pre-conference seminar on best practices for sustainable design was sold out. Sessions on alternative building materials had the best attendance yet. All this indicates we are ready to start the journey.

Kicking off the first day was John Abrams. John is a 30-year veteran and founder of an employee-owned design-build company, the South Mountain Company, on Martha's Vineyard. John has recently completed the book *The Company We Keep: Reinventing Small Business for People, Community, and Place* (Chelsea Green Publishing, 2005). It conveys the importance of people and relationships to business success. John cited the exponential growth and unparalleled precedent in the development of the internet as an event of such magnitude that it could never have been orchestrated by a single modern government or business. He then quoted the artist Bruce Mau's question, "Now that we can do anything, what will we do now?"

To stimulate outrageous thinking, John asked us to change our temporal frame of reference from days or quarters to decades, even centuries. Only then will we have the appropriate context to think like cathedral builders and to understand the iron will necessary to take on monumental tasks. Men and women who underpin their life's work by their core values (and not by their

completed works) have the makings of cathedral builders. John audaciously suggested that the TFG is a group of rugged individuals who meet these requirements. He counseled that the most difficult of tasks would fall easily into place if we made the right choices for our future.

"How do you know what you know?" asked David Eisenberg, who directs the Development Center for Appropriate Technology (DCAT) in Tucson; a copy of his presentation is at [www.dcat.net](http://www.dcat.net). DCAT envisions a world where communities thrive in harmony with nature because people understand the consequences of their choices and make decisions for their own and the Earth's benefit. David challenged Guild members to make choices that will lead to sustainable building and development. Rather than merely focusing on what's wrong or unsafe in buildings, as building codes do, he believes that "outrageous behavior" is the "most adult thing to do."

While frustrated by apparent neglect in building codes of anything important in the long term, David conveyed his appreciation for the difficulty we have seeing the unrecognizable. He quoted Russell Ackoff: "English does not contain a suitable word for a 'system of problems.' Therefore I have had to coin one. I choose to call such a system 'a mess.' The solution to a mess *can seldom be obtained* by independently solving each of the problems of which it is composed." He used another quote from *Natural Capitalism* (Hawken, A. Lovins, H. Lovins): "Opti-

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mizing components of a system in isolation tends to *pessimize* the whole system.”

As David trained himself to see, he began to appreciate the undisturbed space between objects. From this, he became conscious of flows within a building and recognized the environment as a system of systems. He saw that we have an obligation to understand the complexity of the atmosphere within which we work. In the simplest of analogies, David recommended a Hippocratic-like oath, “Building should first do no harm.”

He suggested that the Guild is well positioned to understand the problem and the solution: we adopt the simplest technology that can do the job well. This approach makes it easier to avoid problems that plague the construction industry as a whole. Appropriate technology allows ordinary people to effect change and implement systems that “do not cause dependencies on systems outside our control.” He credits the industrial revolution with replacing the most renewable of resources on our planet—human power—with non-renewable resources and technology. Since TFG members seem to grasp this, we should start our journey by striving to understand the flows between our stuff and other people’s stuff. Since we don’t really know what we don’t know, David suggested a three-step process:

Know where you are.

Establish a clear vision of the future.

Develop the courage to begin a long work.

This leads us to where I started: Tom Hubka, the third plenary speaker. Yankee farmers chose to take a stand for their values and lifestyle. They saw their very existence threatened by industrial mega-farms in the Midwest and the South, whose distribution to markets was enabled by government-subsidized “modern” railroads. Instead of forfeiting their lifestyle and their children’s future by moving further inland to richer pastures, these farmers, taking advantage of an architectural style that arose contemporaneously, adapted their homesteads to meet the new demands of agriculture and new cottage industries. Against difficult odds and using only ropes, oxen, and sweat equity, they rearranged their timber-framed outbuildings. Inefficient disparate buildings on

the farm became the model of efficiency for combined farming and small business operations. A new architecture of interconnected buildings was achieved, known today in the children’s ditty as Big House, Little House, Back House, Barn, also the title of one of Tom’s books. The imprint on the landscape represents a statement of values and a lesson to us all.

The Timber Framers Guild is uniquely positioned to make a positive impact on our cultural landscape. It starts with you and me. Our business is our way of life. We have an obligation to change the way we do business in a manner that reflects our core values. We must counsel new owners to consider the long-term impact of short-term buying decisions. We must take responsibility for helping design the building envelope that our frames support. We must be prepared to show a homeowner a life cycle cost analysis that demonstrates the investment they make in their structure and in our collective future.

We must fight the urge to succumb to the economic and political pressures that we’ve witnessed in the production home market. We should not let cost, schedule, and risk alone drive our businesses and our future. To make a virtuous difference, we must make alternative choices for health, comfort, safety, and energy efficiency. In sum total, these small incremental choices preserve the environment in a dramatic way for future generations. We must adopt an outrageous vision. We must think like cathedral builders.

—Al Wallace

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# Frame 2005

SEPTEMBER 2005 saw the sixth annual gathering of the U.K. Carpenters' Fellowship, a couple of hundred framing enthusiasts getting together to party, network, and learn at the Chiltern Open Air Museum ([www.coam.org.uk](http://www.coam.org.uk)), to the west of London.

The caliber of presentations was exceptional, covering building history, ancient hand-tool techniques, engineering, rigging, glazing, building regulations, and insulation. There were fine hand tools to paw over and discuss, as well as demonstrations of hewing and the making and use of yew longbows.

The throwing of Gransfors Bruks double-headed axes 20 ft. through the air at 3-ft. wooden targets has become a highlight of Frame. This year's event was perhaps the best yet. Ten teams participated—that's 40 throwers!

The weather was perfect for throwing, and great enthusiasm and fun were the watchwords of the event. Jon Lewis of Westwind Oak Buildings ([www.westwindoak.com](http://www.westwindoak.com)) devoted his entire weekend to running the competition. Westwind also provided the targets. It was fitting that both Jon and Rupert Newman (Westwind CEO) won the individual competitions. Gransfors Bruks generously allowed the individual winners to choose any axe from the catalogue. Both enthusiastic axe wielders and collectors, Jon chose the fascinating Gotland, or woodworking axe, and Rupert made the modest, but eminently practical, choice of the marvellous splitting maul. Find out more about Gransfors axes at [www.gransfors.com](http://www.gransfors.com).

Frame 2006 is booked for Sep. 8–10, 2006, and any TFG members are very welcome. For the latest news, keep an eye on [www.carpentersfellowship.co.uk](http://www.carpentersfellowship.co.uk). Membership in the Carpenters' Fellowship is available to TFG members for £40 per year. The easiest way to pay is by credit card; for details, reach me at [tim@greenwoodworks.co.uk](mailto:tim@greenwoodworks.co.uk). —Tim Walton



photo Patrick Bond

*The museum's Arborfield Cruck Barn, dating from c. 1500. Woven oak wattle fills the panels between the posts.*



photo Patrick Bond

*Throwing axes in the competition.*



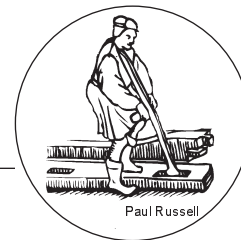
## The magnificent children's workshop

WE CAN'T say enough about this touching event. Seventeen kids, ages 4 to 14, took part. They're not all in this photo, but nevertheless we thank these kids for being part of the adventure: Sam Birkenkamp, Rory Dean-Thornton, Hayden Diener, Travis Diffenderfer, Karamae Hayman-Jones, Rian Hayman-Jones, Roan Kirwin, Ansel Koehn, Rainer Koehn, Alli Littleton, James Littleton, Stephanie Littleton, Aiden Maher, Anaka Maher, Malakai Maher, Ashton Reagan, and Bekah Reagan. Further, we thank their parents and other helpers for making this happen.

photo Ruth Koehn



# EVENTS



## Guild projects

*In Suriname:*

**Visitor center.** Nov 7–28, Central Suriname Nature Preserve.

*In Allenstown, N.H.:* **Allenstown Meeting House roof rebuilding.** Fall 2006 (tentative).

*In Bainbridge Is., Wash.:* **Nidoto Nai Yoni.** Fall 2006 (tentative).

*On Long Island:*

**LISEC boathouse.** Sep–Oct 2006, Port Jefferson, N.Y.

Guild projects contact:

Joel C. McCarty, [joel@tfguild.org](mailto:joel@tfguild.org), 603-835-2077.

## Guild conferences

**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, Pacific Grove (near Monterey), Calif., Apr 12–15, 2007.

**Eastern Conference 2007.** Fairmont le Château Montebello, Montebello, Québec, Oct 18–21, 2007.

## Other conferences

*U.K. Carpenters Fellowship*

**Frame 2006.** Sep 8–10, 2006.

[www.carpentersfellowship.co.uk](http://www.carpentersfellowship.co.uk).

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## Other workshops

### *College of the Rockies*

**Timber frame program (12 weeks).** Jan 9–Mar 31, 2006.

Kimberley, B.C. [kimberley@cotr.bc.ca](mailto:kimberley@cotr.bc.ca),  
[www.cotr.bc.ca/kimberley](http://www.cotr.bc.ca/kimberley), 250-427-7116.

### *Rocky Mountain Workshops*

**Advanced Log and Timber Frame Engineering: Modeling, Joinery Design, and Detailing with Grigg Mullen and Jennifer Anthony.** May 31–Jun 4, 2006.  
**Ropes, Rigging, and Raising, or Managing Tension to Eliminate Drama with Grigg Mullen and Al Anderson.** Jun 6–10, 2006.

**Mastering the Basics of Square Rule Timber Framing with Dave Carlon and Josh Jackson.** Aug 13–19, 2006.

**Scribing** (instructor to be announced). Aug 20–26, 2006.

**Compound Joinery** (instructor to be announced). Aug 27–Sep 1, 2006.

**Timber Frame Design with Andrea Warchaizer and John Mumaw.** Sep 10–15, 2006.

All workshops in Pingree Park, Colorado. Peter Haney, 970-482-1366, [haneyrnmw@frii.com](mailto:haneyrnmw@frii.com),  
[www.rockymountainworkshops.com](http://www.rockymountainworkshops.com).

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# NOTICES



**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.

## For sale

### Australian shepherd puppies.

I have both parents. Smart, trainable, protective, active athletes. ASCA registered, health guaranteed, predictable temperaments, 47-70 lbs. when full grown. Will work sheep, cattle, fowl, children, Frisbee, and geometry. Great partners who will love you and your family 24/7. Good in trucks, on the farm, and in the home. They have genetic exemptions from OSHA regs, but booties are available for demolition and rescue work. They have prevented deer from EVER getting in my garden. Occasionally I have adolescent and adult dogs available, house broken and socialized. I can email pics and more info. Air freight or personal pickup/delivery available. Steve Miller, [steveteahousedesign@earthlink.net](mailto:steveteahousedesign@earthlink.net), 914-763-3078 (N.Y.).

### Canadian timber frame operation.

Very successful and reputable going concern, established in 1980. Owner willing to remain. \$1M+/yr. in timber frame sales. Major showcase of top notch quality work. Waterfront-recreational-retirement high growth area. Prominent location on major highway 2 hrs. north of Toronto. In booming lake district and Canadian Shield lakes, streams, granite, fishing, home of the white pine. Fully set up offices and shop: mortisers, planers, band saws, fork lifts, on 10 acres of development property. Canadian Immigration solved with the investment.

Nondisclosure agreement and deposit required for Due Diligence. Call Peter Brady or Linda Beachli, brokers, REMAX Haliburton Highlands Realty Ltd., 877-410-8897 or 705-457-1011.

### Houses, equipment.

Guild member Josey Schultz (Haute Route Timber Frames) has been called to live abroad. Must sell both timber frame homes near Helena, Montana—one a 3-br, 2060 sf. home in a suburban setting on 1.67 acres with 1100 sf. shop, the other a 4-br 3000 sf. home (u-finish) in the mountains on 17 treed acres. This is your opportunity to live, work from home, and recreate in the West. To view both listings, visit [www.montanatimberframes.com](http://www.montanatimberframes.com).

For sale: New 164,000 BTU LP Gas Burnham Boiler with installation parts, \$1000 obo. New UltimateAir Recoupaerator Whole House Air-to-Air exchanger, \$1000 obo. [hauteoute01@yahoo.com](mailto:hauteoute01@yahoo.com). For all items, call 406-449-0126. Thank you!

### Queen post bank barn.

Circa 1820, 38 x 50, excellent condition. Two 50-ft. and 6 38-ft. hand hewn beams (8 x 8 in.), 1-ft. x 1-ft. granite pillars in basement. Barn stands square and true, roof and side always tight so natural patina glows. Many half rounds, great floor and side boards as well. Predominantly old pine but over-braced with hardwood. For pictures visit <http://groups.msn.com/emersonbarnreadingma> Call Tony Pelusi, 781-944-9449. Asking \$35,000 as it stands.

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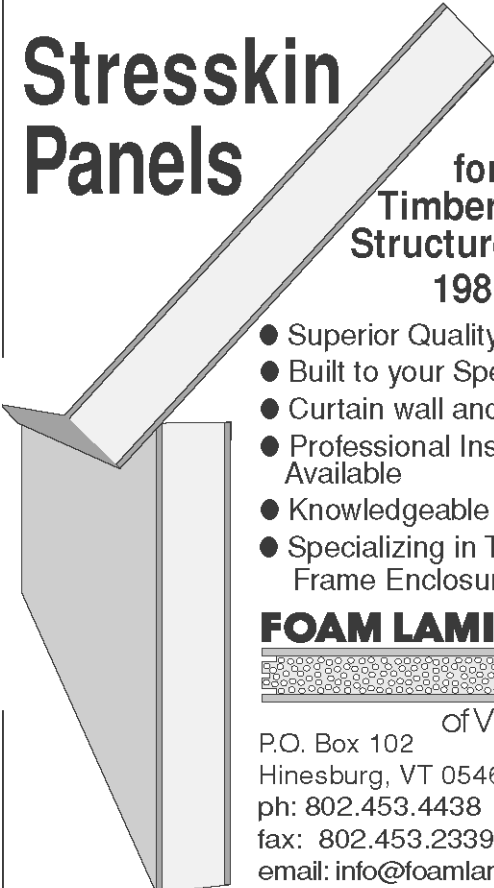
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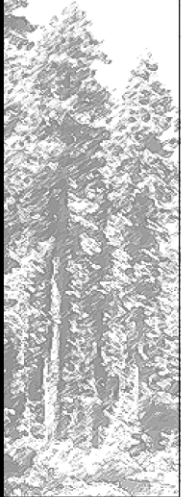
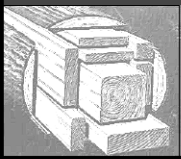
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## Help wanted

### Experienced timber framer.

Need someone with extensive carpentry and timber framing experience (layout, cutting, rigging, raising). Leadership, motivation, and management skills, plus the ability to work independently, learn fast, and manage time well. We also offer on-the-job training. Profit sharing potential, paid vacations, benefits, flex hours during ski season. Compensation based on previous experience. This is a permanent position. We are a small, growing, well-established business in Driggs, Idaho (45 min. from Jackson Hole, Wyo.). Our small shop emphasizes quality, safety, and fun. We are known both for top quality timber frames and our use of salvaged material.

For more, see [www.tetontimberframe.com](http://www.tetontimberframe.com). To apply, send a letter and résumé to Adam Riley, Partner, Teton Timberframe LLC, 105 C Johnson Ave, Driggs, ID 83422, email [adamriley@onewest.net](mailto:adamriley@onewest.net).

### Help wanted.

Experienced timber framers needed, good wages, high energy, benefits. Join our team of outstanding craftsmen and build beautiful projects. Check us out on the web at [HarmonyExchange.com](http://HarmonyExchange.com). Apply to [rmueller@harmonyexchange.com](mailto:rmueller@harmonyexchange.com), fax 828-264-4770, or call 828-264-2314 ex. 18.



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## Part-time forest products sales manager.

Looking for entrepreneurial self-starter with knowledge of the lumber industry and sales experience to develop sales for progressive start-up business created to market wood from family woodlots in western Mass. Products are Forest Stewardship Council-certified and meet LEED building criteria. The successful candidate will develop the sales infrastructure including office systems, new accounts, credit analysis, outside sales, order processing, and collections. Product lines include flooring, hardwood and softwood lumber, timbers, and beams. Customer base spans architects, contractors, millworkers, and homeowners in western Mass. Compensation DOE; salary plus commission. Send letter of interest and résumé to Sales Position, Massachusetts Woodlands Cooperative, LLC, 1 Sugarloaf Street, South Deerfield, MA 01373.

## Shop foreman/manager/job lead.

Two Dog Timberworks is looking for an experienced TF'er with at least 5 years full-time, professional experience to manage our shop. Organize shop flow, oversee our great crew, cut frames, and lead raisings. Must be able to demonstrate experience with Western softwoods, layout on dimensional & organic material, cutting proficiency, machinery maintenance, job leadership, and strong raising know-how. We are a



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### Timber frame cutters and lead people wanted.

Trail Ridge Timber Frames is located in the beautiful foothills of northern Colorado. We are a growing company with a fun, progressive work environment. We are looking for motivated individuals with at least 1 year of timber framing experience-education in layout, cutting with power and hand tools, and raisings. Compound joinery, CAD knowledge, construction-carpentry background log and scribe work a plus. Must be a good problem solver, have a strong work ethic, and be a team player. Lead people must have the above skills plus experience in managing employees and projects and working with clients. Wages DOE. Please tell Kathy or Mark Miller, home office 970-203-9305 or shop 970-461-1523.

### Timber frame program instructor.

Instructor to deliver a 12-week timber frame program at the College of the Rockies' Kimberley Campus Jan 9 to Mar 31, 2006. The program involves both in-class instruction and hands-on application in the construction of 2-3 class projects and raisings. Also, you will review and expand existing curriculum and learning outcomes, oversee the purchase of materials for class projects, and network with the community, the industry, and the Timber Framers Guild. You need a thorough understanding of the construction trades and at least 5 years experience in the timber frame and log building industry (preferably working on a variety of projects and in various capacities). Good communication and interpersonal, computer, and organizational skills are essential. Previous teaching experience, Red Seal carpentry certification or European equivalent, and CAD experience are assets.

Salary is \$4,055.50 to \$6,104.75 per month DOE. Closing date is November 30. Submit résumé of qualifications and experience to: The Human Resource Development Department, College of the Rockies, Box 8500, Cranbrook, BC V1C 5L7 CANADA. Our confidential fax number is 250-489-8206. **Please quote Competition #05 FA 37.** We thank all who apply; only those selected for further consideration will be notified.

### Timber framers wanted.

BT Timberworks (formerly Big Timberworks) is looking for a few good timber framers with the right stuff—positive attitude, industrious,

teachable, and with a desire for a long-term relationship. Check our website at [bttimberworks.com](http://bttimberworks.com), then call Hudson, 406-763-4639 or email [hudson@bttimberworks.com](mailto:hudson@bttimberworks.com). Wages DOE. Excellent benefits including possible membership in BT Co-op.

### Looking for employment

#### Looking for employment.

Timber framer, took 3-month course with Higgs Murphy in Sep '04. Working for a year, took part in 5 raisings along the way. I have basic framing tools, some power tools, available to start right away. Reach me, Matt McIntyre, at [foursticks@canada.com](mailto:foursticks@canada.com) or 250-547-2105.

### Miscellaneous

#### Wood wanted.

14 pair (28 total) hand hewn rafters 18 ft. long for 19th century barn restoration in Connecticut. No specific species, can pick up in New York and New England areas. Please call Greg Naylor, **860-485-3808**, any time.

**phone number  
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### Listen to John Abrams' talk

John Abrams' talk, "Thinking Like Cathedral Builders" from the 2005 Eastern Conference (which I recorded), is available as a free download on the Members Only section of the TFG website. If you missed this, you will definitely want to hear it, and even if you heard it once, you may want to hear it again.

If you have a popup blocker, you may need to download the talk by pressing Ctrl-Click (or Option-Click for Mac users) on the DOWNLOAD button (rather than just Click) in order for it to work correctly.

Thanks to John for agreeing to let us offer it for free.

—Will Beemer



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