



SCANTLINGS

NEWSLETTER OF THE TIMBER FRAMERS GUILD

NUMBER 193

APRIL 2015

Financial report: turnaround year for the Guild

MACK MAGEE

The year 2014 was a turnaround year for the Timber Framers Guild in accomplishments and financial performance. It started with the Lake Naconiche pavilion community building project in Texas and was followed by the successful timber grading workshop organized and sponsored by the TFEC, the ATP meeting at Trillium Dell, the Pemberton, B.C., market hall community project, and the national conference held at Southern New Hampshire University at which Ken Burns spoke as the inaugural speaker for the Ed Levin Lecture Series. This successful year included the Midwest and Southeast regional meetings. The Guild ended the year with a nearly 14% increase in membership that is particularly gratifying after these difficult recession years.

Financially, the Guild swung from a negative net income in 2013 of \$64,872 to a positive net income of \$146,658. Net revenue for conferences and community

projects was sharply up but we experienced a fall-off in advertising, merchandise, and donation revenue, which partially offset our gains.

On the expense side of the ledger, we reduced all major categories of expenses. The reduction in expenses amounted to \$177,125—which is remarkable, particularly in light of all that we accomplished this year. Most of the expense savings resulted from changes made in staffing arrangements at the end of 2013, the most significant being our interim volunteer executive director. This extraordinary contribution provided the Guild with the financial breathing room it needed, and we are very grateful to Brenda Baker, though her time as director is coming to an end.

A few other notes: the Guild started the year with roughly \$42,902 in cash on hand and ended with \$172,622. Additionally, during the year the Guild paid

See Financial report, page 3

Call for conference presentations

BRENDA BAKER

The Guild is going back to [Coeur d'Alene](#) October 29–November 1 for the 2015 conference. It has been three years since there has been a western Guild conference, and as this is the 30th anniversary of the first conference at Hancock Shaker Village in June 1985, this is a major milestone in the history of the Guild. We need your help in making this conference a blockbuster.

We already have quite a few speakers lined up, including Lloyd Kahn of [Shelter Publications](#) and [Frédéric Brilliant](#), a French “compagnon” who supervised the reconstruction of the Cabildo in New Orleans. Send us ideas and suggestions for topics, presenters, demonstrations, and hands-on events. Jonathan Orpin will be organizing the proposals and working with a committee to create a dynamite conference program. Please [send your ideas to me](#). We look forward to hearing from you and hope to see you in Idaho!



Coeur d'Alene Resort, site of the Oct 29–Nov 1, 2015 western Guild conference.

SCANTLINGS

Newsletter of the Timber Framers Guild
Number 193 April 2015

IN THIS ISSUE

Turnaround year for the Guild	1
Call for conference presentations	1
Combination vote approaches	2
Financial tables and charts	3-4
Ambassador bags help promote Guild	5
Jeff Arvin new Guild executive director	5
Apprentice Log	6
Eco-Logic	7
Sign up for TTRAG conference	9
Member News	9
Events	10
Notices	14



Founded 1985

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Sue Warden, business manager, 855/598-1803.

John Miller, president • Gabel Holder, vice president • Mack Magee, treasurer • Christine Benson, clerk • Paul Freeman, Ellen Gibson, Stephen Morrison, Jonathan Orpin, Al Wallace, directors at large

Accacia Mullen, *Scantlings* editor • Susan Witter, *Scantlings* consulting editor • Erin Moore, *Scantlings* layout

Scantlings, the member newsletter of the Timber Framers Guild, is published in January, February, April, May, July, August, October, and November. **Next deadline: April 10.**

News contributions and correspondence: **Accacia Mullen**, editor. 3525 Maury River Rd, Rockbridge Baths, VA 24473. 540/817-9398.

Combination vote approaches

GABEL HOLDER

It's almost time to vote on the combination of the Timber Frame Business Council (TFBC) and the Guild. The voting will take place soon and will be conducted electronically, similar to how our director elections are held.

By now, all current Guild members will receive notice of the voting dates and a package of information outlining three changes to be voted on. If you do not receive this, please contact **Sue** in the Guild office and we will get that to you right away.

The basic structure of the combination has the current TFBC becoming a committee of the Guild, functioning much like the Timber Frame Engineering Council (TFEC), the Apprentice Training Program (ATP), and the Traditional Timberframe Research and Advisory Group (TTRAG).

The Guild board believes bringing the TFBC inside the Guild will strengthen the timber frame community by encouraging closer cooperation and more effective use of our financial resources and volunteer efforts. The stronger community that results will be better able to educate the public about timber framing, develop professionals in their practice, and increase the visibility of timber framing as an alternative building method. Practically, this means adding a "company" membership category with a separate dues structure.

Because the new "internal" TFBC may be interested in pursuing certain business related activities that require a 501(c)(6) status, the Guild board is recommending creating a 501(c)(6) subsidiary. Using a (c)(6) subsidiary to pursue such activities will allow the Guild to maintain its 501(c)(3) (charitable) status. This new subsidiary will be available to any council or group empowered by the Guild, should they need it.

The third change needed to strengthen our community is an increase in representation of the constituencies on the board. We expect to achieve this by increasing the numbers of directors from nine to 12. All directors will be elected at large by the membership, and the nominations committee (a Guild standing committee) will be specifically charged with creating a competitive electoral slate that is truly representative of the Guild.

If you have any questions or concerns about the details of the combination or the bylaws changes after reviewing them, you can get in touch with either **me**, **Mack Magee**, or **Paul Freeman** and we would be glad to discuss them with you.

Financial report, from page 1

down nearly \$58,000 owed on its line of credit while reducing its current liabilities by \$27,844.

With improved net income and a stronger balance sheet, the Guild is now on a much firmer financial base and in a more secure position to move forward.

And we are moving forward. The executive director search committee has finalized its recommendations for a new executive director. A negotiated merger between the

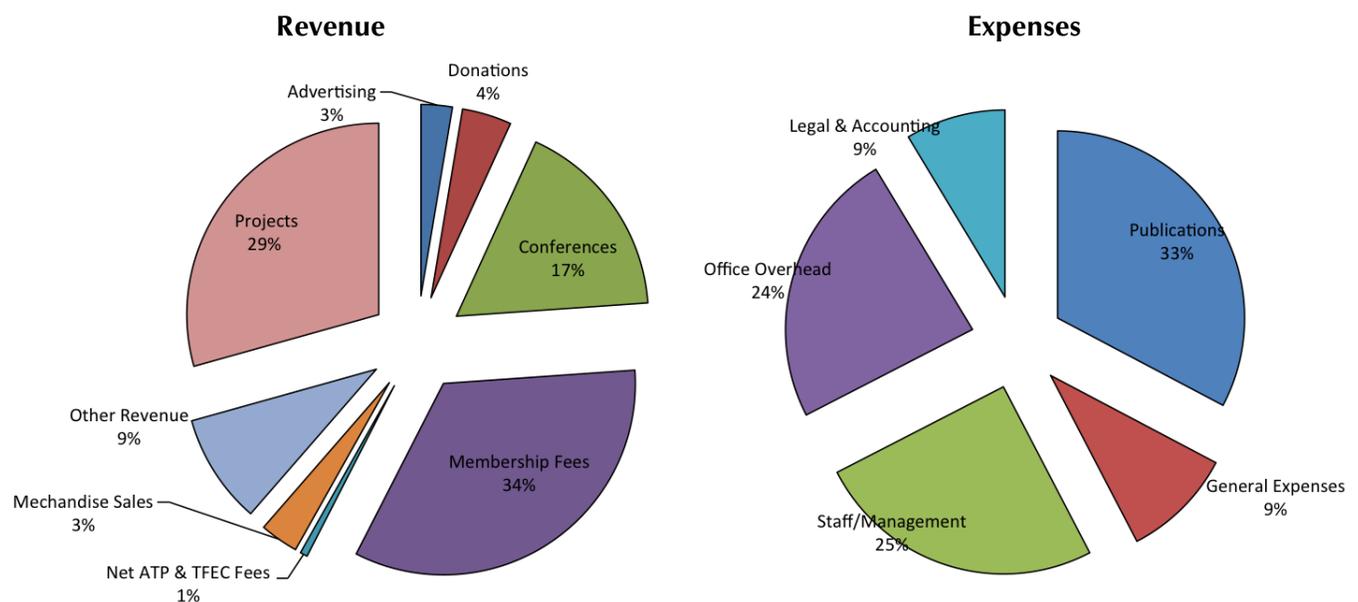
TFG and the Timber Frame Business Council (TFBC) is also concluding (see article page 2), and the board of directors will soon put a measure before the membership for their vote. The combined organization will be financially stronger and will be able to support the new executive director. In the next issue of *Scantlings*, we will be outlining the financial ramifications of these changes and the 2015 financial plans.

Balance Sheet as of December 31, 2014

ASSETS		
	2014	2013
<i>Current Assets</i>		
Cash & equivalents	\$172,622.22	\$42,902.00
Account receivables	\$12,613.09	\$8,370.00
Inventory	\$40,151.62	\$31,531.00
Other current assets	\$4,558.62	\$0.00
Total Current Assets	\$229,945.55	\$82,803.00
Total Property & Equipment	\$627.90	\$628.00
Total Other Assets (Investment)	\$0.00	\$93,828.00
TOTAL ASSETS	\$230,573.45	\$177,259.00
LIABILITIES & NET ASSETS		
<i>Current Liabilities</i>		
Accounts Payables	\$23,219.66	\$50,342.00
Line of Credit	\$0.00	\$57,912.00
Lifetime Memberships	\$78,878.71	\$79,063.00
Total Current Liabilities	\$102,098.37	\$187,317.00
<i>Equity</i>		
Unrestricted Net Assets	(\$28,460.50)	\$47,837.00
Temp. restricted Net Asset	\$17,509.56	\$17,052.00
Net Income	\$139,426.02	(\$64,889.00)
Total Net Assets	\$128,475.08	(\$10,058.00)
TOTAL LIABILITIES & EQUITY	\$230,573.45	\$177,259.00

2014 Revenue and Expenses

REVENUE	2014	2013	Change
Advertising Income	\$8,506.65	\$41,058.57	(\$32,551.92)
Donations	\$13,458.60	\$21,177.00	(\$7,718.40)
Net Conference Revenue (w/ Auctions)	\$55,164.21	\$20,245.25	\$34,918.96
Workshops	\$0.00	\$15,482.00	(\$15,482.00)
Membership Fees	\$108,575.89	\$95,341.46	\$13,234.43
Net ATP & TFEC Fees	\$2,002.59	\$20,287.36	(\$18,284.77)
Net Merchandise Sales	\$10,465.42	\$33,407.46	(\$22,942.04)
Other Revenue	\$29,945.35	\$23,491.44	\$6,453.91
Net Project Revenue	\$94,776.40	\$18,000.21	\$76,776.19
Net Revenue	\$322,895.11	\$288,490.75	\$34,404.36
EXPENSES			
Publication Expenses	\$57,674.35	\$66,255.96	(\$8,581.61)
General Expenses	\$16,973.33	\$29,031.92	(\$12,058.59)
Staff/Mgmt Expenses	\$44,208.75	\$181,541.14	(\$137,332.39)
Office Overhead	\$42,140.27	\$60,524.47	(\$18,384.20)
Legal & Accounting Expenses	\$15,240.75	\$16,009.35	(\$768.60)
Total Expenses	\$176,237.45	\$353,362.84	(\$177,125.39)
Net Income	\$146,657.66	(\$64,872.09)	\$211,529.75



Ambassador bags help you promote the Guild

ELLEN GIBSON

At the conference last summer, we kicked off an “ambassador” program in which the TFG provides materials for members to promote the Guild in their communities and among their clients, friends and fellow professionals. The goal is to boost membership, which is critical to the ongoing success of the Guild. In addition to volunteering as ambassadors, Guild members are financially supporting this program.

We assembled and sent out bags of promotional materials to volunteer ambassadors, starting in January. They include:

- TFG brochures.
- Talking points to help guide a discussion.
- A notebook describing all aspects of the Guild.
- Information regarding TTRAG, TFBC, TFEC, and the Apprenticeship Program.
- Project, membership, and scholarship information and applications.
- Display samples of *Timber Framing* and books including *Fourteen Small Timber Frames*—drawings by Mike Beganyi; *Historic American Timber Joinery* by Jack Sobon, and *Historic American Roof Trusses* by Jan Lewandoski et al. Prices are included.



Timber Framers Guild ambassador bags help boost membership.

Jeff Arvin new Guild executive director

BRENDA BAKER

The Guild board is pleased to announce that Jeff Arvin will be the Guild’s new executive director, beginning Monday, April 6. Jeff started and ran Cascade Joinery in Bellingham, Wash., for 20 years. More details coming next month. Welcome, Jeff.



Jeff Arvin and his wife, Carol.

Having the packaged materials at hand makes it easy to do a presentation and give a brochure or membership application to a client or interested friend. If you did offer to help at the conference and have not received your bag of information, please [let me know](#).

We all benefit from the Guild in different ways. Talking about your personal experiences with the TFG will spread the word about the Guild to a wide range of people and organizations. The history of your company, your participation in a past project, and your favorite joinery are all topics to share and pass on. This can be done as a formal presentation or in a casual conversation. Speak about how the Guild has impacted you. Jim Rogers and I have spoken at workshops, schools, and local organizations, handed out materials, and brought models of structures and joinery.

Please let [me](#) or [Jim Rogers](#) know if you would like to volunteer and we will send you a bag of information. If you are teaching a class or workshop, hosting a regional gathering, or building a structure for a client, the information can help direct a conversation about the Guild. If you only want to receive some of the material—brochures, membership information—that would also help in passing the word. Members make the Guild, and we are therefore the best ambassadors for the organization. Thank you to everyone who volunteered to help support this program.

Apprentice training in Ft. Collins

ISAAC MCCOY-SULENTIC

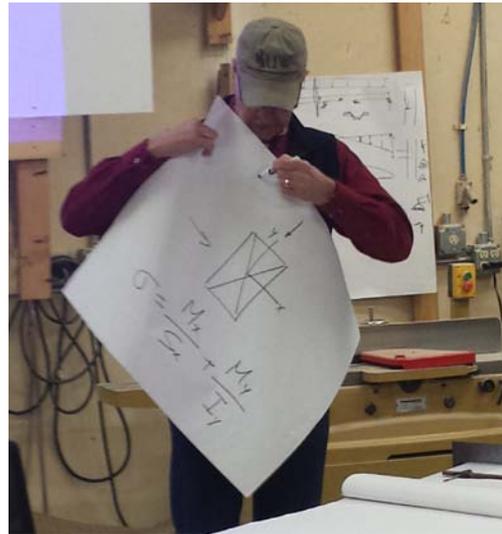
The third annual Apprenticeship Assessment and Training was held February 20–22 in Fort Collins, Colo. Frameworks Timber hosted the event for the second time, and the program graduated Jake Amadon of Teton Timberframe to journeyworker, the fourth apprentice to complete the program since its inception.

The staff of Frameworks Timber joined apprentices and their supervising journeyworkers as well as half a dozen paying participants from around the country. The group paying for instruction included a prospective Heartwood apprentice, a doctor, and a retired engineer. Frameworks coordinated meals for all and lodging for some. Adrian Jones and the staff at Frameworks made sure everything ran smoothly, and the program owes them a hearty thanks.

Dick Schmidt, Ph.D., P.E., was the featured speaker for the meeting, which covered engineering and design topics. Dick, besides giving an excellent overview of engineering in heavy timber, contributed a great resource to the program in the form of a document he called *An Engineering Primer for Timber Frame Apprentices*. Covering a wide range of topics, including tree growth and decay, grading and shrinkage, and basic engineering design principles, this document will now become part of the program curriculum. We look forward to Dick reprising his presentation for future apprentices.

It is the goal of the program to generate curriculum material from these annual gatherings, as well as through sponsoring speakers and presenters at TFG events. Presentations by all the speakers will be incorporated into the curriculum for future apprentices. From this weekend, the program now has material developed by Adam Riley, Jake Amadon, Dave Kaplan, and Chris Drake regarding the design process from the perspective of the engineer, architect, and timber framer. Two journeyworkers and a graduating apprentice were among the contributors.

Teaching is vital to the mission of the program, and while there is no specific curriculum related to the philosophy of timber frame education or instructional design, it is an unwritten requirement that apprentices must teach something prior to graduation. The TFG Apprenticeship Program aims to be a professional trade education, but it will not survive without training a few teachers along the way. As Curtis Milton, ATC chair, said after the training, “No one learns more than the teacher.”



Isaac McCoy-Sulentic

Dick Schmidt on plumb vs. square-to-pitch purlins.



Isaac McCoy-Sulentic

Adam Riley, supervising journeyworker to Jake Amadon, standing on sample reciprocal frame.

Apprentice blog

See [apprenticeship blog](#) for more specifics.



Convenient disconnect: judging building performance

AUSTIN PARSONS

In Scantlings 192, last month, Austin Parsons wrote Part I of this article. In it he referenced the intangible authenticity criteria people use to judge building performance, including the passions and concerns of the people who use the building, its function, and the traditions associated with the building's making and maintenance. Here he concludes his discussion on judging building performance.

Part II

In order to judge the authenticity of a building when it is changed in some way, we must consider the tangible, intangible, and, time. Before insulation was added, a building would be judged authentic. After the insulation work was done, it cannot be seen from the inside or outside and can be explained as a “behind the wall” intervention.

A consequence of this invisible work means that the building's design was not changed. Its setting and appearance are still the same. The workmanship question is moot because when the building was built, the technology of blown-in insulation did not exist. However, the insulation was blown in from the exterior. Builders took care to drill the insert holes and plug them to blend back into the original. As such, this work could be considered a Dutchman repair and it was of equal workmanship to the original. As for material, a paper product was used, and ground paper existed in the 18th century. Nevertheless, I could find no reference to using cellulose as an insulation material in Nova Scotia in 18th-century buildings. There is nothing obvious or outstanding about what was done to those parts of the building that people take notice of as part of daily life.

Looking at the tangible, the introduction of a new material into the wall assembly will change how the building performs. It will alter how air, heat, and moisture flow in and out of the wall. This will make people more comfortable, and less operating energy will be required to achieve this comfort.

Looking at the intangible, the addition of insulation reflects a change in cultural expectations about the built environment. Today, people do not want to be physically uncomfortable, or to spend too much money to be comfortable. As well, there is the larger social issue of environmental responsibility and climate change. Yet, the people using the building today are like those who used it in the 18th century. Its function is the same. People have the same feel for the building. The traditions used to make

the building have been respected, although how it has to be maintained will change. Finally, its spirit may have changed. It now has a different relationship with its occupants.

So, is the building still authentic?

My answer is contingent on two points. I am dealing with a wood building, and I need to understand what role time played in the building's authenticity.

The fact that it is a wood building means that its authenticity is tied to its makers and maintainers. The building's form remains but if the building fails, the form will change. There is nothing in either the tangible or the intangible criteria that restricts or prohibits repair as long as the relevant materials, workmanship and traditions are followed. Whether or not these conditions are met depends on the resident knowledge of the local makers and maintainers. If they understand, and can apply, the practices from the building culture prevalent in the time when the building was built and if they recognize how our contemporary building culture interacts with this culture, then the building remains authentic. If they do not understand, cannot apply, or have no interest in applying this knowledge, then it is only a question of time before the building slides to the disingenuous.

.....
If they understand, and can apply, the practices from the building culture prevalent in the time when the building was built... then the building remains authentic.

In terms of time, was the building's authenticity linked to a particular period of time, person, or event? If so, then the work has to be authentic through the wall's cross section. Adding insulation to the mix negates the building's authenticity to reflect this point in time. In this case, one has an environmentally sustainable building at the cost of its cultural sustainability.

If, on the other hand, the building's authenticity was tied to its technology, then one can take one of two positions. Either the technology is an example of a capsule in time, and the building is no longer authentic; or the technology represented in the original building

See Eco-Logic, page 8



Convenient disconnect, *from page 7*

is part of a continuum. Like life, technology evolves. In this case, adding insulation into the wall is an example of this evolution. The building represents a progression and is a candidate for a layered approach where the ideas of progressive or layered authenticity can be applied. Its cross section can be modified and the building can still be considered authentic. In this case, the building is both environmentally and culturally sustainable.

A design problem

One interpretation of a design problem is that it has more than one right answer. There is a great deal of art to the judgment call of authenticity. The authenticity exercise focuses the problem to the immediate. One quickly becomes aware of occupant interests and concerns, the local cultural and environmental environments, opportunities, and constraints, and the responsibility associated with an action. We all have the ability to make changes. It is knowing the consequences of these changes that defines our legacy.

Part I of this article appeared in Scantlings 192.



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Sign up for TTRAG conference

You may still [sign up](#) for the Traditional Timberframe Research and Advisory Group (TTRAG) conference, April 17–19 in Bucks County, Penn. Lodging is at the [Golden Plough Inn](#), Lahaska, with tours such as Stover-Myers Mill and Buckingham Friends Meeting House and speakers including Jeffrey Marshall of the Heritage Conservancy. Full event description in [Scantlings 192](#). At press time the Golden Plough has reduced-rate rooms available. Reach [Sue Warden](#) with questions.



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MEMBER NEWS

Fire Tower welcomes Dick Schmidt

Fire Tower is proud to welcome Dick Schmidt, Ph.D., P.E., to their team. Dick joins us after more than 30 years as a professor of civil and architectural engineering at the University of Wyoming in Laramie. His decades of academic and professional experience and his support for research in timber framing make him an asset to our team and industry. He will be establishing a western office for Fire Tower in Laramie and can be reached at dick@ftet.com.



EVENTS



Guild events

TFEC timber grading course Apr 13–15, Heartwood School, Washington, Mass. [Tom Nehil](#).

TTRAG 2015 Apr 17–19, Lahaska, Pa. (See *Scantlings* 192.)

Timber Framing Tour of Switzerland May 4–14. [Sue Warden](#).

North-Central Regional Meeting Jul 10–12, Grand Marais, Minn. [Peter Henrikson](#).

2015 TFG Conference Oct 29–Nov 1, Coeur d'Alene, Idaho. [Sue Warden](#), 855/598-1803.

other events

EcoNest Natural Building

In Willow Creek, California—

Natural building apprenticeship boot camp May 4–Jun 12

EcoNest Intensive May 11–29

Timber framing May 11–15

Straw-clay walls May 18–22

In Ashland, Oregon—

Japanese Tools and Joinery with Dale Brotherton

Jun 15–21

Natural building apprenticeship Boot Camp Jun 29–Aug 7

EcoNest Intensive Jul 6–24

Timber framing Jul 6–10

Straw-clay walls Jul 13–16

econesthomes.com, 541/488-9508.

Fox Maple School of Traditional Building

In Brownfield, Maine—

Natural enclosure clay building May 28–30

Introductory timber framing Jun 1–6

Advanced timber framing Jun 8–13

Fox Maple workshops, 207/935-3720.

Heartwood School

Timber grading Apr 13–15

Fundamentals of woodworking Apr 20–24, Sep 28–Oct 2

Cabinetmaking Apr 27–May 1, Oct 5–9

Country Woodcraft May 4–8

Sketchup for timber framers May 7–9

Stairbuilding May 11–15

Hip and valley roof framing Jun 8–10

Build an outdoor earthen oven Jun 11–13

Concrete countertops Jun 12–13

Timber framing Jun 15–19, Aug 10–14

Scribed timber framing Jun 22–26

Comprehensive homebuilding Jul 6–17

Finish carpentry Jul 20–24

Carpentry for women Jul 27–31

Converting trees to timber Aug 3–7

Timber frame design and joinery decisions Sep 8–10

Compound joinery for timber framers Sep 14–18

Advanced SketchUp Pro: Layout Sep 11–12

Art du Trait Oct 12–16, Oct 19–23

Washington, Mass. [Michele Beemer](#), heartwoodschool.com, 413/623-6677.

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EVENTS



Hudson Valley Vernacular Architecture

Tour of houses Apr 18, Warwick, N.Y.
Tour of historic buildings May 16, Troy, N.Y.
Hurley Stone House day, HVVA picnic Jul 11, Hurley, N.Y.
Tour of historic farms Sep 19, Shawangunk, N.Y.
hvva.org.

John C. Campbell Folk School

Timber framing / Charles Judd May 10–16, Brasstown, N.C. folkschool.org, 800/FOL-KSCH.

North House Folk School

Basic timber framing May 6–10
Norwegian Grindbygg timber framing Jun 3–7
German-style timber framing Jul 6–10
Timber carving tutorial Jul 7–10
Timber frame engineering: an introduction Jul 9
Timber frame roof and truss engineering Jul 10
SketchingUp your timber frame Jul 10
Build your own timber frame—smaller frames Jul 14–22
Build your own timber frame—large frame Aug 15–24
 Grand Marais, Minn. northhouse.org, 888/387-9762.

Rocky Mountain Workshops

Designing with SketchUp / Eli West May 29–Jun 1, Sep 25–28
Square rule timber framing: straight and curved timbers / Skip Dewhurst, Josh Jackson Aug 16–22
 Colo. State U. Mountain Campus, Pingree Park, Colo.
 Peter Haney, rockymountainworkshops.com, 970/482-1366.

Sobon/Carlton

Traditional timber framing / Jack Sobon, Dave Carlon
 Sep 23–27, Hancock Shaker Village, Pittsfield, Mass.
 Dave Carlon, 318 Bates Rd, Windsor, MA 01270, 413/684-3612, or Jack Sobon, 613 Shaw Rd, Windsor, MA 01270, 413/684-3223.

Wash. State U. Composites/Engineering Ctr

International Wood Composites Symposium Apr 21–22
 Seattle. Karl Englund, woodsposium.wsu.edu

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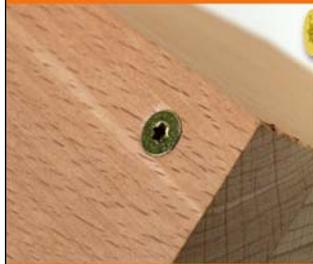


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Below: Tumblebug fire salvage, Willamette National Forest, December 2012



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- * Truss construction
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Notices are for one-time events and offers, and they run free to Guild members for two issues per year. The cost to non-Guild members is \$60 per notice per issue. A notice, whether free or paid, runs for a maximum of two issues. Notices are intended for onetime events and offers; appropriateness for inclusion is decided by the [editor](#).

help wanted

Draftsperson–designer.

South County Post and Beam, Inc. seeks an experienced drafts-person–timber frame designer. Responsibilities include 3D modeling of timber frames and SIPs, shop drawings for timber frame and SIPs, estimating and takeoffs for proposals, communicating with clients and contractors. You should be proficient with AutoCAD Architecture (2013 and later), solidly understand construction detailing, learn new software quickly, and work on multiple projects at one time. Architectural design experience and creative background a plus. Experience with SketchUp, 3D modeling software, and Microsoft Office Suite helpful. Full benefits. Please [email us](#) your resume and salary requirements, fax 401/783-4494 or mail to 521 Liberty Lane, West Kingston, RI 02892. Josh Bouvier.

Experienced timber framer.

We need an experienced timber framer to work in a hand-cut-only shop a drug-free facility in the N.C. mountains. Large radiant floor heated shop. Cabin Creek Timber Frames, Franklin, N.C. Call 828/369-5899, or email [Joe Bell](#).

Hundegger operator.

Hundegger K2i machine operator required in Denver, Colorado, for a 3–6 month contract starting February 16. Opportunity of a lifetime to work on the largest timber frame project in America. Must have 5 years experience running K2 and/or K2i machines on EKP (no Cambium experience required). Some late shifts required. Competitive pay, accommodation provided, free ski pass. Please reach [Justin Wessels](#) or call 720/407-7760.

Itinerants.

Seeking several experienced itinerant timber framers to help cut 3 frames designed by Collin Beggs. Cutting should last about 4 months starting in April. Heated workshop setting on a farm in Joliet, Illinois. Industrial fans for warmer weather). Raising will be at another location. Must have or be willing to get own insurance. Email [Brad Baber](#) or leave me your contact info at 815/723-2619.

Journeyworker and apprentice.

Hardwick Post & Beam, a hand cut timber shop working in a variety of contemporary and traditional architectural and structural styles in Hardwick, Mass., seeks two timber framers—a journeyworker and an apprentice. We are a family company that has kept crews cutting and raising frames year round for more

than three decades. We hire for the long term and we seek that magical trifecta of great attitude, smart layout skills, and the capacity to do physical production work. If you want to spend every day cutting frames from new and reclaimed fir, oak, cedar, hemlock, and pine and then raise ‘em and see those glorious shapes against the sky, check us out! If you mostly want to slap up SIPs, travel full time, run a CNC machine, do general construction, or think timber framing would be a great hobby, we’re probably not for you. Full job description [here](#). Message me [here](#). Newell Pledger-Shinn, 413/477-6430.

Timber framer.

Maine Mountain Timber Frames seeks experienced timber framer to join our crew. We are looking for someone with proficiency in all aspects of shop work including layout and checking. The ideal candidate will have worked in a production oriented environment. This is a year round, W-2 position. Please send note of interest, resume, and pay requirements to [Jence](#).

Timber framer.

Centennial Timber frames, a company in northwest Montana (Kalispell), seeks a timber frame carpenter for both shop and site work. Experience is important, but more important is a deep interest in the timber frame craft; we will train. We are a small hard-working crew of men and women who enjoy the outdoor activities connected with our location. Wage is dependent upon experience and performance. Benefit package after a probationary period. Please email introductory letter and résumé to [Sandy Koness](#).

Two positions.

Holder Bros. Timber Frames in Monroe, Georgia has two open positions—carpenter and shop foreman. Requirements for carpenters include a positive attitude, the ability to accurately lay out and cut timbers from shop drawings on day one, and the ability to perform in a production environment. The shop foreman will manage all carpenters and supervise shop production, including timber frames, doors, and windows. Duties include scheduling shop flow, laying out timbers, double-checking carpenters’ layout, maintaining tools and inventory, meeting production schedules, and quality control. Must have management experience. To apply for either position, please reach [Whit Holder](#).

Woodcrafters–timber framers.

Daizen Joinery, in British Columbia, is looking for a couple of experienced wood crafters and timber framers who can work on high quality joinery work. Please submit resume to [Dai Ona](#).