



June/July 2010

Crosscuts

100 Years of Knowledgeable Service, Quality & Commitment to our Customers

SUMMER HOURS

Monday – Friday
7:30 – 5:00

Saturday
7:30 – 2:00

Closed Sunday

May we have your email address?

As always if you are running late or need to come in early just call ahead and we will do our best to accommodate your needs.

We will be closed Monday, July 5th for the Fourth of July holiday

Visit us online at www.randlumber.com for Specials • Estimates • Product Information

Small Details Make a Big Difference in Kittery Addition

Maine Carpenter's Mike Kelso sure knows his way around the details of post and beam construction. While recently working on a 12-foot by 20-foot addition to Janet Howe's Kittery condo, Kelso shared a few secrets of the trade.

First, for the ceiling rafters, Kelso made tusk tenons—a mortise and tenon design that features a wedge-shaped key to hold the joint together. The tenons sit in a pocket (the mortise) and are notched in inch-high increments. Not only does the key provide added strength and stability to the joint, but because the timbers are green—and therefore likely to shrink over time—the tusk tenon does not reveal the shrinkage.



Ceiling joints are pinned together with hardwood pegs to stay tight and strong for generations.

On the 6-inch by 10-inch ceiling beams, Kelso went with pegs to provide more withdrawal resistance than traditional joinery, which typically uses bolts. "The peg takes on more surface resistance and keeps the beam from moving," he explains. And because the beams will be exposed, they will also provide more aesthetic interest in Janet's

future dining room.

Kelso noted that he makes it a practice to pre-sand and pre-oil every board and beam; he even coats the tops of beams to add to their overall lifetime. "I try to finish the wood when I cut it," he says. "If you don't finish it, it ages at different rates: One side releases and the other side is keeping, and that leads to all the warping and discoloration that you sometimes see after a while."

Under the floor—for which Kelso used traditional framing to support radiant heat—Janet's addition sits over a space that had been cut out for a garage entrance by a previous owner. When Kelso began the project, he saw that the

Continued on back...



Left: The tusk tenon is also called a keyed tenon or wedged tenon. **Middle:** Kelso pre-finished the 2-inch by 6-inch tongue-and-groove boards for longer lasting and more uniform aging. **Right with inset:** The newly installed LVL beam takes some of the weight off the original corner beam, which had been rotting under house wrap.

Continued from front...

6-inch by 10-inch corner beam was rotted from the house wrap that had been used. "What's left was still good, so I routed out the foundation an inch and a quarter, then put an LVL along the top to carry the weight," he says.

Rand Lumber supplied the LVL beam, pressure-treated beams, shiplap boards, and spruce tongue and groove that were chosen for this project; we even brought in a boom truck to help raise the frame! "I've been using Rand Lumber since I built my first house in 1973," says Kelso. "My first impression was that they were very helpful—and they still are, any time I pull into the yard." Kelso recalls working closely with Rand Lumber

employees, remembering the names of several of our yard workers and store personnel from years back.

Today, he continues, "I like that I can call Rand and if they don't have what I need in stock, they'll have it for me in a couple of days." He notes the wide diversity of materials we carry or can provide: "For example I use a lot of fir decking, or red oak which I used for store fixtures for Boston Traders."

Kelso also used our materials for the benches and other wooden details in Tulsi, the Indian restaurant that Janet owns in downtown Kittery. "So you never know where Rand materials are going to show up," he jokes.



**Come join us
for our 100th Anniversary
Celebration in September!**

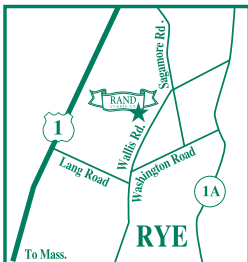
**ATTENTION BUILDERS
& HOMEOWNERS:**

**If you have a project that you have used
Rand Lumber for and are interested in being
featured in an upcoming Rand newsletter,
please call us at (603) 436-4438**



511 Wallis Road
Rye, New Hampshire 03870
(603) 436-4438
Fax (603) 431-3072
ME, NH, MA 1-800-436-4494
Return Service Requested

PRSRT STD
US POSTAGE
PAID
MAILFORCE
PORTSMOUTH, NH



**VISIT US ONLINE
at www.randlumber.com**

Specials of the Month

RAND'S SALE ITEMS FOR JUNE & JULY 2010

MOULDING SPECIALS

8770 1 1/16" Thick Screen moulding
\$1.20 L/F (reg. 1.70 L/F) SAVE \$.50 L/F.
Screen stocked in Brite Aluminum,
Charcoal Aliminum & Fiberglass.

BILCO BASEMENT DOORS

\$95.00 & UP ... several to choose from

LUMBER SPECIALS

1x8 Poplar \$2.60

BARK MULCH IS HERE AND READY FOR YOUR DELIVERY/ PICKUP!!

Black Mulch \$32.00 yard loaded
Processed (red) Hemlock
\$35.00 yard loaded
Processed Pine \$29.00 yard loaded
Raw Pine \$18.00 yard loaded
Clean Wood Chips \$12.00 yard loaded
(for playgrounds & walkways)

SPRING CLEAN UP

Contractor Bags (7 bu) Box of 20 \$8.95
30" Extra wide poly lawn rake \$8.99
6',4' & 2' Garden Stakes
Stanley Utility Knife \$ 2.89

PNEUMATIC AIR HOSE SALE

Retractable 50' Hose & Reel \$97.00
100' Hose & Reel \$97.00
150' Hose & Reel \$122.00