

NEWSLETTER FOR THE

**GUILD OF
OREGON
WOODWORKERS**

**OREGON
WOOD
WORKS**

Vol. #38, Issue 6

June 2021

Portland Oregon

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NEXT GENERAL MEETING: ONLINE WITH ZOOM

The online invitation will be sent out 24 hours before the event.

WHY TURN?

ROGER CROOKS AND NORTHWEST WOODTURNERS

Tuesday, July 20, 2021

Board Meeting 5:30

Social Time begins at 6:30pm, Meeting begins 7:00pm



The Guild Shop has all the tools that a woodworker could ever ask for except one - a lathe. There are many reasons why but that is for another discussion. An increasing number of members have a lathe or are considering a lathe to round-out their wood-working experience. July's presentation will focus on why you should take up turning, what to look for in a lathe, and what you need to be a woodturner. Hint - the lathe is probably the cheapest part of your expenditure.

Roger will be joined by members of Northwest Woodturners who will share their knowledge of woodturning.

- 1. Why Turn? What can I make on a lathe? - Roger Crooks**
Types of turning – bowls, spindles, hollow forms, spheres, platters, wall art, etc.
- 2. Picking a Lathe: Benchtop to free standing, power, what the numbers mean, etc. - John Beechwood**
Parts of the lathe, what is important to understand, and considerations when picking a lathe
- 3. Chucking Techniques – Tom Willing**
Probably the second most important topic (after sharpening) - how to hold the wood. Jam chucks, 4 jaw chucks, between centers, etc.
- 4. Tools – gouges, scrapers, skewers, etc – Mike Meredith**
What to look for when selecting a tool, what each tool is used for, what is a good starter set, etc.
- 5. Sharpening equipment and jigs – Dave Wood**
The first skill you need is how to sharpen your tools. New tools are not sharp and a dull tool is dangerous and not a lot of fun.
- 6. Finishing a product – Mike Meredith**
As in furniture making, the perfect table with a bad finish is a crappy product. While there are similar concepts between the two, your options for finishing a turned product are different.

NOTES FROM THE GUILD PRESIDENT

By: Steven Poland

Greetings woodworkers, the shop is heating up! Well, the level of thermal energy is out of control, but some good things to report regarding the Guild Shop, include:

- ♦ The Lease Renewal is signed to cover the next 2 years through June 2023.
- ♦ We will still have options for subsequent renewal, if we have not arranged for a wholesale relocation. The Planning Committee is gearing up to assemble a business plan to inform on-going decision-making about future shop facilities, which will in turn require significant fund raising.
- ♦ Your Financial Director Tom McCloskey found 30 members in the database who indicated experience in fundraising or grant writing, and 16 of them responded positively to an inquiry about their interest in assisting this anticipated effort! (You all are an amazing reservoir of knowledge and energy).
- ♦ New Shop Attendants are being trained, which should allow us to schedule additional open shop sessions and expand support of other program activities.
- ♦ Oregon Health Authority is lifting Covid restrictions as of June 30, so we are increasing the maximum number of open shop users per session to eight, and removing the mandatory mask, handwash, and distancing requirements.

If you are not already receiving the weekly “Guild Upcoming Events” email blast, I recommend you check your member profile under email subscriptions and enable these once a week messages, to stay informed about Guild opportunities.

Kudo’s to Roger Crooks who has designed a great new benefit for professional level memberships: “**GOOW Store Front**”. This will be a central portal on the Guild website that enables anyone to follow links to those professional’s own market website, where they can then execute their own PR, communications and sales, with no charge or percentage to the Guild. Contact Roger if you are interested in this opportunity for exposure.

August picnic meeting: Joe Wheaton, with help from CJ Marquardt is planning to hold our annual picnic on Tuesday August 17 at Summer Lake Park, so mark your calendars for a bit of face-to-face in-person socialization practice.

Community Projects: The Multnomah Arts Center has asked us if we would build some additional display cases for them, as we have done in the past. We do such pro-



jects for other non-profits at cost, and with our volunteer labor provided at no cost. It is a terrific opportunity for both experienced and novice woodworkers to collaborate. But we need one of you to volunteer to coordinate the project efforts, so please contact Tim Moore to find out what is involved. These are really satisfying projects to participate in.

Shows: As usual, Project Build team has produced about 400 birdhouse kits for young children to assemble at Multnomah Days, Clackamas County Fair, and Tualatin National Wildlife Refuge. Now we need volunteer coordinators for each of these events, to work with those organizations, and herd our own volunteers to pull these off. Again helping these eager young makers to assemble their very own birdhouse is great fun, and well worth your volunteer efforts.

So, keep cool, and think about where you are interested in contributing to these Guild activities.

GOOD NEWS

The Governor’s office says they will remove COVID restrictions when 70% of adults have been vaccinated or June 30, whichever is first. The Guild will implement the following changes starting July 1.

- ♦ Open shop sessions will increase to eight members.
- ♦ Registration is strongly recommended as a way to guarantee your spot.
- ♦ Drop ins will be allowed at the discretion of the Shop Attendant.
- ♦ The numbers for the community outreach programs (Community Project, Project Build and Toy Build) and education will be set by those groups at a level that still provides for safety of users.
- ♦ Masks/face coverings are no longer required as a response to the pandemic. Our existing policy for masks is once again in place - **Dust masks are optional, but highly recommended at all times, with an N95 rated mask as a minimum.** Personal preference is allowed, unless the duty SA determines the air quality at that moment requires one. Lung damage is a long term hazard.
- ♦ The doors are not required to be open nor fans running as a response to the pandemic. These may still be implemented by the shop attendant for comfort in the shop. Only open the doors by the table saws half way to limit the noise in the neighborhood.

The Guild of Oregon Woodworkers is...

..., a group of amateur and professional woodworkers committed to developing our craftsmanship.
Our Mission: To promote the craft of woodworking to the woodworkers of today and tomorrow.

Our Vision: A community of woodworkers that provide significant opportunities to develop, practice, enhance, and share skills.

The Guild offers many benefits for members, including:

- ◆ Monthly programs
- ◆ Monthly newsletter
- ◆ Weekly Volunteer Special Interest Groups (SIGs)
- ◆ An education program to help members develop woodworking skills through a variety of hands-on and lecture classes
- ◆ Sponsor discounts
- ◆ Woodworking shows (such as Gathering of the Guilds)
- ◆ Network of business partners.
- ◆ A woodworking shop
- ◆ A network of friends and opportunities to volunteer and make a difference in our community

What you can do for the Guild

- ◆ Volunteer your time to contribute, assist, organize, lead, teach
- ◆ Take a class
- ◆ Contribute your knowledge

For more information see the Guild website or visit the shop.

Guild Shop - 7634 SW 34th St, Portland, OR 97219

Guildoforegonwoodworkers.org



Many Guild members recognize that woodworking can be a lonely avocation. It's fun to get together with other woodworker's to swap stories, share successes and failures, and to ask questions. Come join the fun at the next MEET-UP ...

NOW ON-LINE
MONDAY, JULY 5 AT 11:30 AM
On-Line - ZOOM

To allow members to keep the comradery of our monthly lunch meetings going, we host a Zoom get together.

Since it's going to be difficult to eat lunch together in a restaurant, we thought we could go around the gathered group and briefly discuss what we may or may not have been doing in the shop. If you have any pictures of items you'd like to share, have them available on your PC or Phone (depending on what you're connecting to the meeting with), and we'll be able to share your screen.

For security reasons we do not publish the meeting information on the website. We will send out the invite by email the day before—watch for it.

For information on using Zoom, click [HERE](#)

Remember to have your favorite beverage and eats too.



WELCOME NEW MEMBERS

Welcome to our newest **26** members. We're happy to have you with us and hope you'll make a regular appearance at the monthly program (online at present), contribute articles to the newsletter, and volunteer in other ways.

Frances Anjanette, Janet Bain, Brad Bowers, Anne Cheney, John Cheney, Steve Dubravac, Brittany Hobbs, David Jaffe, Steve McGowan, Greg Meythaler, Kristine Midyett, Rick Mottola, Nayan Nandihalli, Sharon Oba, David Payne, Aaron Phariss, David Porter, Elijah Raffo, Katie Richards, Tim Sellers, Sarah Spencer, Cleo Templeton, Em Vandrer, Jason Wilson, Nick Wilson, Elijah Wood

GUILD CLASSES

ONLINE

Monthly Special Interest Groups (SIGs)
Carving Guild, [Mack Sutter Relief Carving Workshop](#)
July 10, 9:30am

Carving Guild, [Monthly Meeting Show & Tell](#)
July 13, 7pm

IN-PERSON CLASSES & SIGS

These events require a shop card and shop certification. Only classes with openings are listed here. Add yourself to the waitlists on the Guild website.

[Women's SIG](#), July 1, 5:30pm Guild Shop (First Thursdays)

[Introduction to Basic Bench Hand Tools](#), July 14, 6pm
Guild Shop, Ken Hall

INTRODUCTION TO THE GUILD

New Members: This is where you begin! This class is a prerequisite to all tohers and to participating in hands-on [Community Project](#) groups. There is pre-class work, so bring your homework to class. Currently all these classes are full, check the [website](#) to add yourself to a waitlist.

SHOP CERTIFICATION

If you are new to woodworking, we ask you to take "Getting Started-Shop Safety for Beginners: Hands On with Portable Power Tools" before taking Shop Certification classes. You must complete "Intro to the Guild Safety" before taking these classes.

[Shop Safety for Beginners: Hands On with Portable Power Tools](#) 7/6 9am Guild Shop, Jeff Hilber & Ginny Benware

[Shop Certification](#) 2 sessions, 7/6 & 7/13 1pm Guild Shop, Dennis Dolph

[Shop Certification](#) 2 sessions, 7/6 & 7/8 5pm Guild Shop, Mark Klein

[Shop Safety for Beginners: Hands On with Portable Power Tools](#) 7/18 9am Guild Shop, Jeff Hilber & Emily Funabiki

[Shop Certification](#) 2 session, 7/27 & 7/29 5pm, TBD

[Shop Safety for Beginners: Hands On with Portable Power Tools](#) 8/3 9am Guild Shop, Jeff Hilber & Ginny Benware

[Shop Certification](#) 2 sessions, 8/3 & 8/10 1pm Guild Shop, Dennis Dolph

[Shop Certification](#) 2 session, 8/10 & 8/12 5pm, TBD

ADVANCED TOOL CERTIFICATION

Prerequisite: Shop Certification Card

[Pantorouter](#) 7/13 6pm Guild Shop, Mac Sheldon

[Sliding Table Saw](#) 7/17 9am Guild Shop, Tim Moore

Upcoming classes are posted on the bottom right of the [Woodworking Classes](#) page. For the full list of education and shop training classes go to: [GUILD EDUCATION CALENDAR](#)

GARY MARTIN — CLASSES

Summer term classes with Gary Martin, a Guild member, started the week of June 20. For the last 15 years Gary has taught his sold out classes through PCC. These classes are in-person, hands-on. Visit www.martinmodel.com/collections/class to register. Contact Gary Martin at martinmodel@comcast.net or 503-329-8949 with questions.

WOODWORKING 101 - Part 1: BASICS 10 weeks,
Tuesdays June 22-Aug 24, 6-9pm

WOODWORKING 101 - Part 2: Joints 10 weeks,
Tuesdays June 22-Aug 24, 6-9pm Prerequisite: Woodworking 101 Basics Part 1.

WOODWORKING 101 - Projects

Three options:

10 weeks, Wednesdays, June 23-Aug 25, 6-9pm

10 weeks, Thursdays, June 24-Aug 26, 6-9pm

10 weeks, Fridays, June 25-Aug 27, 1-4pm

Prerequisites: Woodworking 101 Basics - Part 1 & Part 2.

WOODTURNING 101 - Part 2

10 weeks, Fridays, June 25-Aug 27, 1-4pm

Prerequisite: Woodturning 101 - Part 1

PATTERNMAKING

10 weeks, Thursdays, June 24-Aug 26, 6-9pm

Contact Gary Martin for prerequisites.

HAND TOOLS

10 weeks, Saturdays, June 26-Aug 28, 9am-12pm

Contact Gary Martin for prerequisites.

Because the classes have already begun, talk with Gary about getting a \$50 discount on registration.

CARVING SIG

PROGRAMS

Carving Show-and Tell (free, Zoom) — July 13th, 7:00 – 9:00 PM [Click here](#) to register

Carvers Potluck and Demos (free, outside)— August 14th, 10:00 - 2:00 PM [Click here](#) to register

CLASSES

Wood Spirit Carving Class (free) — July 8 and 15, Thursday, 10:00-11:30, Taught by Terry Burnside, [click here](#) to register

Relief Carving Class (free, except for materials) — Saturdays 7/10 to 8/14 9:30-11:00 AM, Taught by Larry Wade, [click here](#) to register.

CASTING RESIN AND WOODWORKING

By: John Sheridan

Casting resin and woodworking have a shared history that goes back to the 1970's and has had national interest. The image from the 1977 article in the San Francisco *Chronicle* shows the woodworker and architect, Laurence Mayers examining the corner joint cutting of one of his innovative chairs. Larry created the joinery by pouring casting resin into the wood, which was allowed to cure, and then routed and sanded flush. The chairs were given conventional finishes and upholstered. Research was funded by the National Endowment for the Arts (NEA)

His wood joints were kerf cut endgrain as it interacts with the resin, not long grain. This is a challenging joinery challenge, and the resin and wood expand and contract differently. They have different coefficients of expansion and contraction. The joint slowly fails. All of Larry's chairs fell apart and the purchase money had to be repaid.

In the 1980's my late wife, Carolyn Grew-Sheridan, and I experimented with using casting resin to fill imperfections in Hawaiian Koa dining tables made with the large slabs of Koa available then. We had the same problem with adhesion and surface integrity. Heavier coats of finish were needed to keep the humidity out of the product and stabilize the surface. Using resins in thick applications remains problematical.

The most recent dramatic use of casting resin was created by Greg Klassen who had the idea in the early 2010's of reversing the natural edges of timber and filling the centers with resin to create what he called and registered as "River Tables." He was inspired by the Nooksack River near his shop in northwest Washington State, a few miles south of the Canadian border. He is the only person who can legally issue a Certificate of Authenticity for a "River Table." Woodworker-West magazine verified his originality in November, 2018.

Just as there are many woodworkers who use a "live" edge or natural edge for their furniture it is always good to remember that it was the architect, George Nakashima, of New Hope, PA, who first showed the idea. And while our presenter at the Guild June 15th meeting, Alison Reyes, who calls herself "The Resin Queen," is offering both extensive instruction in resin use and many finished pieces of art, she is an enthusiastic adopter of a technique being fabricated all over world. Sadly, furniture designs cannot be patented. Carolyn and I discovered this when our 1975 stool design went into mass production in China without our permission with no residual fees for us. And this also applies to Greg Klassen and Alison Reyes furniture.



A photo from the past sent in by Ariel Enriquez. This great team made many many dressers for a charity in the area.

By: John Sheridan

It is refreshing to see in the Guild newsletter Michael Molinaro's duplication of Gerrit Rietveld's Red Blue chair of 1922. The intention of the Dutch artists and architects of the DeStijl was to replace the brown world with a white one, in other words, as a blank canvas onto which color would be added. The old would become the new. To that Rietveld added his ways of making traditional objects, as he also did in his architectural designs. Houses came to be made not of brown wood but of glass, concrete and steel. We see them today being built all over Portland. A one hundred year old idea being present as current.

In the later years wood in manufactured curved forms would be developed by the Bauhaus designers, which is what I added to my 2014 P-14 dining chair with arms, which returned to brown but added an ergonomic seat and back with a Rietveld frame influence



THE GIG LEWIS VOLUNTEER-OF-THE-MONTH AWARD

JUNE 2021 — *Chris Corich*



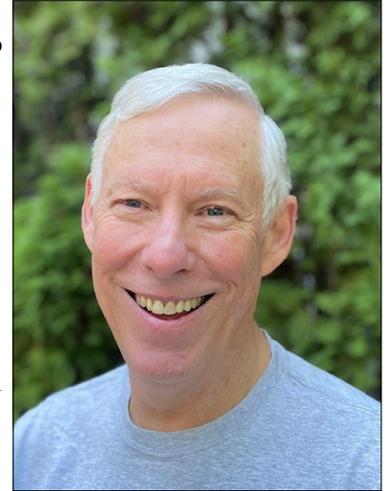
Each month the Guild awards one of its most prestigious awards, the Gig Lewis Volunteer of the Month. Because the Guild is run entirely by volunteers, recognizing our volunteers is essential. The Award is given to a member who, for the most part, works behind the scenes quietly and keeps the Guild operating. This month's recipient of the Volunteer of the Month is Chris Corich

Chris Corich is the kind of volunteer that every program needs.

When the Guild was looking for a volunteer to prepare and send thank you acknowledgment letters to our donors, Chris offered to help and

jumped right in and learned what needed to be done and has been doing a great job at it.

Chris jumped into the birdhouse project two years ago at first helping to mill up cedar and prefabricate parts we could help kids assemble at community events. When the question was asked what parts we still needed and what size wood blanks they required he developed and managed an inventory and tracking system that has now accounted for over 400 birdhouse kits available for the restart of community events like Multnomah Days and the Clackamas County Fair. We appreciate Chris' calm and methodical way of dealing with challenges.



The Guild is pleased to present the June 2021 Gig Lewis Volunteer of the Month award to Chris Corich

TO ALL GUILD VOLUNTEERS

By: Bill Tainter, Volunteer Appreciation Program Lead

We are running the Volunteer Appreciation Program again this July.

To have your volunteer hours recorded please send me an e-mail by July 17 noting how many hours you volunteered for Guild activities from January 1 to June 30, 2021.

Please round your volunteer hours to the nearest whole number. I do not need a breakdown of how the hours were earned, just the total hours. Your travel time to/from the Guild activity can be included. This is based on the Honor System but don't short change yourself or your value. If you are a Board Member, Committee Head, etc. we are NOT counting those "automatic points" at this time. That will occur at the end of the year. Please report volunteer hours earned during this six-month period only. If you have unreported hours from 2020 or earlier, I'm sorry.

Further information about the Program can be found at the Guild's website under Members/Volunteer Opportunities/Volunteer Appreciation Program.

Thanks to all you volunteers! You make our Guild go!

ORDER IN THE COURT ANNEX

By: Ed Ferguson

After more than a year of Shop closures and restrictions, with materials and equipment piling up, you may have noticed that gridlock had set in in the Annex. But a call for volunteers met with characteristic Guild member willingness to help out. After a full day of spring cleaning, the Annex is again functioning as a valuable shared resource for our programs and our members. Thanks to everyone who pitched in and restored order in the Annex:

| | |
|---------------|------------|
| Steve Anderly | Al Arntsen |
| Ginny Benware | Carol Boyd |
| Julie Boyles | Doug Drake |
| Holland Golec | Ken Hall |
| Jon Harvey | Flora Lee |
| Charlie Meyer | Tim Moore |
| Mike Sandmann | |

The Guild is an all-volunteer organization, and it's this kind of response that makes it work.

BREAKING NEWS FROM THE PAST

On our website, you can find newsletters for each month going back to 2007. This resource is a gold mine. From that gold mine, we will bring you articles from a past newsletter. We hope you enjoy them.

By Gary Weeber

In each newsletter, we are going to bring you news from the past. In this era of being ‘in the moment’ many of us know that there are many ‘teachables’ in our past. This includes lessons we can learn from the woodworker experiences in the past. Ready to see what is behind you?

NEWSLETTER – JULY 2014

Floating Tenon Joinery by Bob Oswald



Mortise and tenon joinery is one of the strongest ways to join two pieces of wood, in particular when it involves a butt joint of, for example, an apron to a table leg. And there seems to be great satisfaction in creating this joint in the traditional way. A hand-cut mortise and a tenon, mallet, and chisel. There is a mystique about cutting mortises by

hand, and shaping tenons with pull saws and shoulder planes. The hand labor part of woodworking is well rewarded in making this joint.

Ironically, when the furniture is finally assembled and varnished, the joint becomes, and will forever remain, invisible. The creator has the satisfaction of knowing it was fabricated by hand. And sharing that fact with on-lookers is part of the process. Telling a peer about the hand-made structures brings knowing and happy discussion, about how I will do my next project that way. Sharing the process with a non-woodworker elicits the “Oh, really. Nice.” comment that says they don’t really know what that means but it sounds great. There is a joy in being close to your project, being a part of it, putting some of yourself into it even though that part remains forever hidden.

All that said, there is an equivalent method, called the loose tenon, or floating tenon. It’s another way to create the same strong joint where a piece of wood is butted against another piece. This method is for those not so gifted with talent, or with time, to achieve the same strong construction using jigs and power tools.

Make the Jig

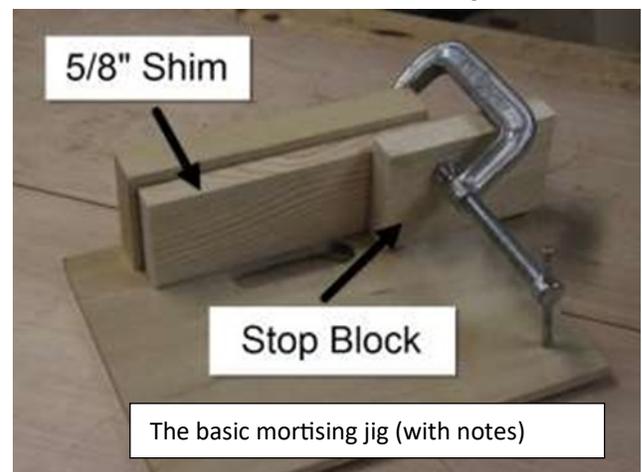
The process starts with building a simple jig, a mortising jig. This jig is made by gluing a table, 1/4” plywood is good, to a leg, a piece of 2x4 or so. The leg must have two parallel faces. This is critical and is achieved either by ripping on the table saw or surfacing with a surface planer.

Glue the table to the leg, but set it back from the edge a tiny bit so the leg is the most proud part. With the table glued to the leg, set up the router table with stop blocks to cut a slot of the required length and width to match the chosen router guide bushing. This picture uses a 3/4” slot



for a bushing that will accommodate a range of router bits. The length of the slot changes, of course, with the width of the slot.

Note the instructions written on the jig. What size bit and bushing are used. It saves figuring it out each time. And be sure to sign and date it, so years from now you’ll be able to reminisce about when it came into being.



Extending to multiple use

When designing the jig, determining the width, length and offset of the slot, there’s something to keep in mind. One jig, built properly, can serve multiple applications. The most common situation would be an apron fastened to a

continued on page 9

FLOATING TENON JOINERY...continued from page 8

table leg. The apron is typically 3/4" thick and the leg is perhaps 2" square. Make the jig to center on the 2" leg. When it comes time to use it on a 3/4" apron, insert a 5/8" spacer between the apron and the leg of the jig. This will offset the jig slot to center on the 3/4" apron.

Multi-purpose jig with shims and stop blocks

In addition, a stop block clamped on one end of the jig will allow fast and consistent placement of the jig. This is a great time saver when you're building multiple joints. In an example of building two tables, there were four aprons on each table with a mortise required on both ends. That's placing the jig accurately on sixteen apron ends. And the same work was required when mortising the legs, sixteen more cuts. Stop blocks are a life saver.

Using one jig also assures that all mortise cuts are consistent, in the example here, a total of 32 mortises.



Jig in the vise, ready for routing

Using the Jig

Secure the jig (with shims and stop blocks) to the work in the vise. It becomes a very stable work surface. This jig is best used with a plunge router. A spiral up cut bit helps clean out the sawdust that packs in the hole. But you'll probably still have to dig it out with each pass. Plunge 1/4" deeper with each pass so you don't overload the bit and over pack the sawdust.

Making the Tenon

The tenon stock is a foot or two of something from the scrap barrel. Be sure it's a good hardwood as it makes up the strength of the joint. The photo shows walnut, but oak, maple or birch might be stronger choices.



Mortises cut. Tenon stock in place, ready to glue.

Rip the stock to match the length of the slot. When cutting to width, I leave it ever so slightly tight and sand it gently to get a press fit by hand into the mortise. Round the corners on the router table to match the mortise. That's easier than chopping square corners on all of those mortises.

You could cut the tenon stock narrower to avoid having to round the corners, also providing ample room for glue. The plus and minus is that 1) you have room to adjust the joint as you assemble it but 2) you don't get the alignment accuracy if you did a good job holding your dimensions.

SUMMERTIME SHOP OPERATIONS

The weekend of June 26th saw record hot temperatures in the Portland area. Shop operations were cancelled due to the high heat. During hot weather we encourage all members to use caution, stay well hydrated, and to watch out for signs of heat exhaustion. We will continue to monitor for anticipated high temperatures as the Summer proceeds and may need to shorten or cancel some activities if we anticipate highs over 95 degrees. Please watch the website calendar for the latest updates.

MAKE THIS CLASSIC STOOL FROM SCRAPS

By: Michael Molinaro

Perhaps you saw the Gerrit Rietveld Red and Blue chair in the June newsletter. Here is a "Military Stool" he designed for the Catholic Military Home in Utrecht, Netherlands in 1923. Part of a commissioned group of furniture that included this stool, tables and chairs of similar design and construction. Instead of dowels used in the red and blue chair he employed nuts and bolts. Many different color combinations were used.

Constructed from 10 sticks of wood and a plywood top, the two that I have constructed were made mostly from fir and maple scraps laying around my shop from dismantled projects.

Pretty simple, yet challenging in the precision of the construction.

15-3/4" x 15-3/4" footprint x 17-1/4" h.



Legs- Four required



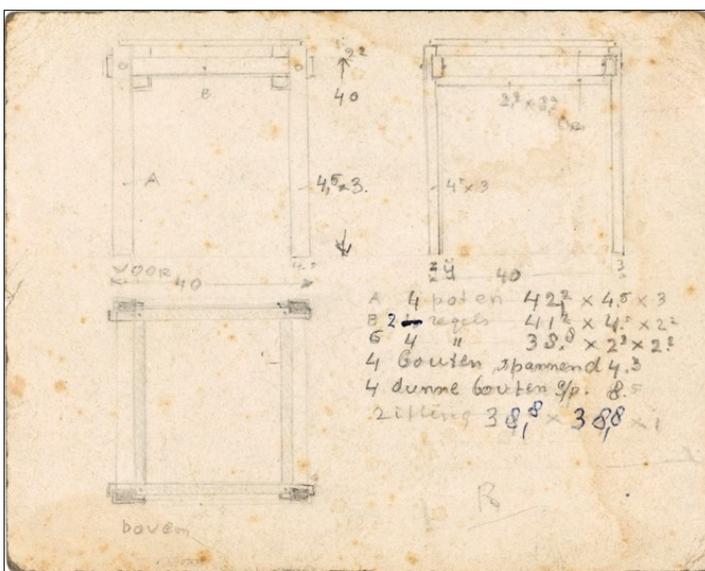
16-3/4" x 1-3/4" x 7/8"

Half depth dado (7/16" deep) is 7/8" down from one end and is 1-3/4" wide.

3/8" dia hole dead center in dado



Cut List



Above is his original sketch and cut list.

I'll simplify it here.



Having sold off my drill press, I've modified my hollow chisel mortiser. Works just fine.

continued on page 11

CLASSIC STOOL...continued from page 10**Big Stretchers – Two required**

16-1/4" x 1-3/4" x 1-1/4"

Holes are on the centerlines

- On the 1-3/4" faces drill two 3/8" diameter holes exactly 7/8" from each end
- On the 1-1/4" faces drill two 3/8" diameter holes exactly 2-7/16" from each end.

Cross Pieces– Four required

15-1/2" x 7/8" x 7/8"

- Drill 3/8" diameter holes exactly 7/8" from each end, on the centerline

Note- the small holes you see are from the left over piece and are not needed.

Top — One Required

15 1/2" square

- 1/2" Baltic birch, here pieced together to make size. I edge banded mine.
- Drill 3/8" diameter holes 2" down from each corner and 7/8" inboard.

Finishing

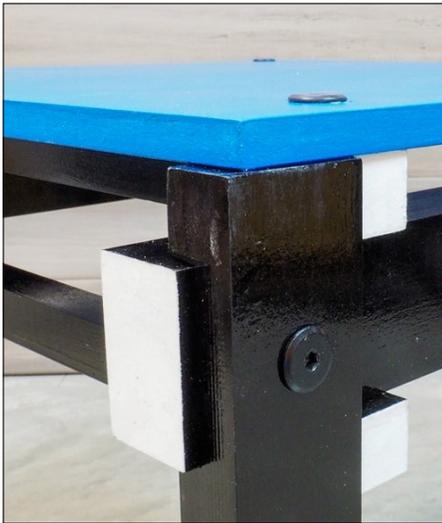
After building one completely with enamel paint, I was not happy. I stripped it down and re-colored with black dye.



Covering the black dye with GF sealer and three coats of GF gloss then painting the butt ends with white enamel paint, completed the frame. I prefer to do the finishing prior to final assembly. The dye raises the grain on softer woods, so I used satin finish on those. The top was painted with three coats of latex enamel.

continued on page 12

CLASSIC STOOL...continued from page 11



Assembly

1/4" x 20 connector bolts and caps for a more finished look, spray painted black.



- Four bolts 1-1/2" (40mm) long

- Four bolts 4-3/4" (120mm) long cut down to 3-7/8"

I found the short bolts at a big box store, the long ones ordered online.

Insert the big stretcher into the dado of the legs and bolt with the short bolts.

Do not tighten all the way.



Put the top face down and add long bolts to holes.



Add two cross pieces



Drop leg assemblies over bolts. Note that the legs are outboard.



Add other two cross pieces



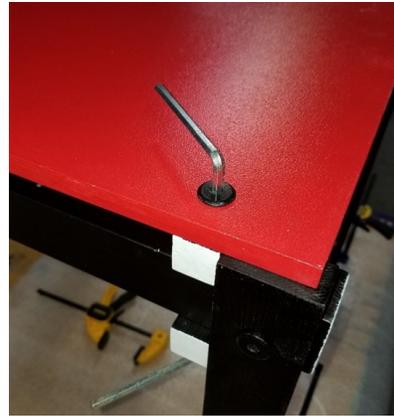
Add cap nuts. Don't tighten yet.

continued on page 13

CLASSIC STOOL...continued from page 12



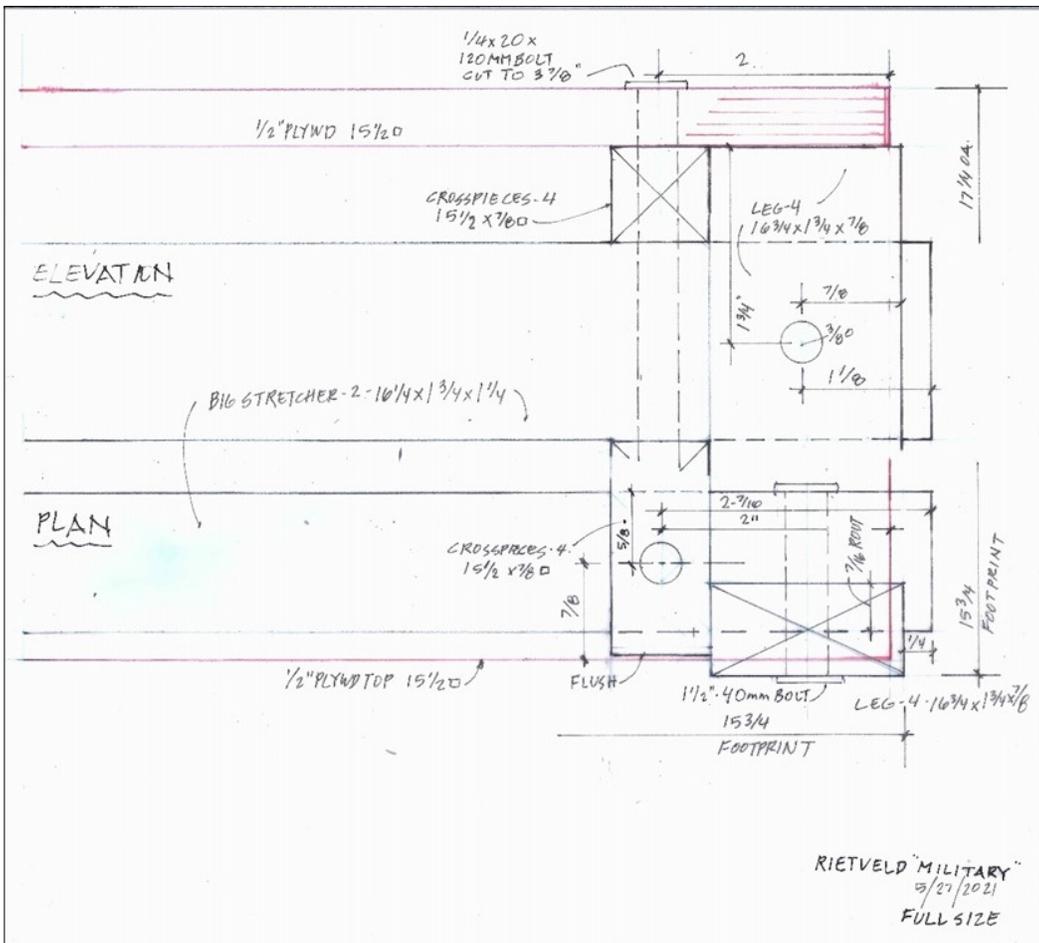
Flip over, tighten the leg assembly cap nuts. Check for square.



Tighten, and done.



Check alignment of crosspieces with top. Ends and edges should be flush.



And to totally geek out, here is my full-size drawing.

ARE YOU MISSING A WOOD RASP?

A nice wood rasp was found in the Annex. No name on it. Possible was used during Bird House Community Project.

If you think it may belong to you please contact Bill Tainter at: bill.tainter@guildoforegonwoodworkers.org



Don't forget to use Amazon Smile for your Amazon purchases. Every purchase results in a donation when you select the Guild of Oregon Woodworkers as the non-profit recipient!

CELEBRATION FOR GIG

**IT WILL BE AN OPEN DECK/GARDEN EVENT.
JULY 11, 2021 — 2:00PM - 4:00PM**

Come celebrate Gig's birthday and his life.

Because he loved to have a group over to celebrate July birthday's (July 11 was his own birthday), this seems like the best day to celebrate his life.

You are allowed to come even though it might not be your birthday. You will have (had) one sometime this year, right?

There will be birthday cake and beverages so that we can drink a toast to him. Perhaps you have stories or comments you would like to share with the group. If you wish to bring your own beverage or other food for yourself or to share, please do so. And as Gig would have told you, this is a casual event.

RSVP's are welcome.

For the address and if you have questions or concerns please contact me at 503-888-9350 or howarthl@outlook.com.

Linda Howarth, Gig's "favorite wife"

EQUIPMENT FOR SALE

Past Guild President Eddee Edson is selling equipment from her furniture building shop.

If you are interested, please contact her for availability and prices. Mseddeee@gmail.com

- ♦ 8' ULMIA solid beech workbench
- ♦ DJ20 Delta 8" long bed joiner
- ♦ tablesaw tenon guide by Delta-belt/disc sander
- ♦ spindle sander
- ♦ jigsaw
- ♦ drill press sander attachment
- ♦ Delta mortiser

Many other items from a furniture builders shop.

GUILD CARHARTT VEST FOR SALE

From the last Volunteer Appreciation Program there is an extra Guild Carhartt Vest for sale.



It is a size SMALL (chest measurement 34 - 36 inches) and in the Carhartt brown color.

The vest is brand new and has the Guild Logo embroidered on the left chest area.

Normal cost is 100 dollars or 100 volunteer hours.

We are selling this at a 25% discount so for \$75 or 75 volunteer hours/points it can be yours.

Contact Bill Tainter if you are interested.

bill.tainter@guildoforegonwoodworkers.org

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