

THE SAWDUST

NEWSLETTER OF THE CHARLOTTE WOODWORKERS ASSOCIATION

Volume 17, Issue 2

February 2010

Newsletter

If anyone would like to contribute articles, information or provide suggestions for the newsletter, please send them to me. We need to make this a group effort.

Thanks also to Peter Stoffel, who assists with note taking at the meetings - much appreciated; and to Mike Smith for some of the photos.

Roger Callahan (roger_callahan@bellsouth.net) - Secretary



** Reminder **

It's time to renew membership.

With the New Year underway, it is time to renew your membership for 2010. Please see Fred Miller during the monthly meeting or mail your dues to Fred at 1208 Salem Drive Charlotte NC 28209.

Dues are \$30.00 for new members and \$25.00 for renewals. Make checks payable to "Charlotte Woodworkers Assoc." or "CWA"



Check out the Article

The Carolina Country Magazine in its January 2010 issue featured Max Woody on their cover and in an article on page 16 titled, "Max Woody Chairs - Seven generations of Woodys have crafted chairs that carry their own character" by Anne Green.



SEE: <http://www.carolinacountry.com/curmag/past/jan10.html>



Fitting a Drawer

At our February CWA meeting Bill Sutton discussed and provided an excellent demonstration on the methods he uses to properly fit a drawer. Bill noted, "People are always pulling out the drawers in a piece or opening a door. When it opens smoothly and doesn't rack in the opening, it is nice." This demonstration is similar to one he presented recently at a meeting of the Society of American Period Furniture Makers (www.sapfm.org).



- Types of drawers
 - o Overlay or Lip Drawer.
 - The overlay covers the gap.
 - o Flush mount Drawer
 - Slides fully inside the case
 - Sits flush to the face of the carcass
- A couple of ways of hanging a drawer
 - o A side hung drawer
 - A bar or beam that runs down the middle of the drawer.
 - The drawer has a groove down its side that it rides on
 - Only for small drawers
 - Weakens the sides
 - o Bottom support drawers
 - Mostly what Bill uses
 - The drawer rides on the rails on the bottom.

(cont. on page 2)

CALENDAR OF EVENTS

February 27th – 8:30 am – 1:00 or 2:00 pm **BOY SCOUT WOODWORKING MERIT BADGE CLASS**
(please come and help)

March 16th - 6:30 pm **CHARLOTTE WOODWORKERS ASSOCIATION MEETING**
- Planned presentation and instruction by Dave Wood on "Power Carving".

April 20th - 6:30pm **CHARLOTTE WOODWORKERS ASSOCIATION MEETING**
(Bring your completed 2x4 projects - see page 6.)

WOODCRAFT STORE IN CHARLOTTE UPCOMING CLASSES:

Feb 25 (Thru.) Carve a Face on a Golf Ball - 6:00 - 9:00pm
 Feb 27 (Sat.) Box Joint Joinery - 9:30am - 12:30pm
 Feb 28 (Sun.) Turn a Lidded Box - 12:30pm - 4:30pm
 Mar 6 (Sat.) Basic Lathe (Full Day) - 9:30am - 4:30pm
 Mar 11 (Thur.) Scrollsaw Marquetry - 6:00pm - 9:00pm
 Mar 14 (Sun.) Turn a Square Bowl - 12:30pm - 4:30pm
 Mar 18 (Thur.) Chip Carving Basics - 6:00pm - 9:00pm
 Mar 20 (Sat.) Lumber Preparation - 9:30am - 12:30pm
 Mar 20 (Sat.) HVLP Spray Finishing - 1:30pm - 4:30pm
 Mar 25 (Thur.) Basic Finishing - 6:00pm - 9:00pm

vs

Treasurer's Report: 1/29/10

Opening balance	1487.48
Deposits	392.00
Checks	107.55
Closing balance	1771.93



(cont. from page 1.) **Fitting a Drawer**

- Mark your parts!
 - o Use a cabinet makers triangle
 - o Mark the bottom of the drawer parts
 - o Always points to the front of the drawer
 - o Come up with your own system that you can remember.
- First step,
 - o Start with a piece that is too big for the drawer opening and then plane it down to fit
- How long does this take? About three hours if you are working slowly and carefully.
- Check frequently as you plane it down
 - o Want a VERY snug fit. You want it to not quite fit all the way in.
 - o Planes are the right tool. It is hard to use a machine when you want something to fit within a few thousands of an inch.
- Second Step
 - o Mark the ends (sides) of the drawer to fit the case opening.
 - o Put the first edge in the opening.
 - o Scribe the back of the opening on to the back of the drawer front.
 - o That line is now your cut line.
 - o Cut it a little long
- Third step
- Using a shooting board, put your plane on its side and trim down the end.
 - o If the board is not square, you can shim it against the back fence of the shooting board to match the angle of the case opening.
 - o Reminder: you are trying for a VERY tight fit.
 - o The drawer will still stick out of the opening by half of its total depth.

Shooting Board



(cont. on page 3)

(cont. from page 2.) **Fitting a Drawer**

- The drawer itself should fit snugly
 - o At this time your other drawer parts are also oversize vertically and need to be planned down to fit.
 - o Plane the material off of the top of the drawer sides.
- Square up the front end of the drawer sides
 - o Check it with a square. Look for gaps by holding the board up to the light.
 - o Put it on the shooting board again with the plane on the side to take off the material.
- The groove for the drawer bottom (a ¼ dado) was cut in advance. Normally they would be cut at this time.
- Cutting the dovetails for the drawer sides to attach to the drawer front
 - o Put the two drawer sides together.
 - o Clamp them in the vice
 - o Lay out the dovetails
 - Using a marking gauge (cutting gauge)
 - Set the gauge on the drawer front. Don't make the blind dovetails too thin or they can show through later in life.
 - After marking it on the drawer front,
 - Shim the mark with a couple of pieces of paper. This adds 0.004. It will make the pins on the drawer front be a little proud when the drawer is assembled, because the sides will be recessed by .004 more...
 - Once it is assembled, you will plane the sides of the drawer front down, but I am jumping ahead.



- o Mark all the way around the drawer fronts.
- o Now the same depth is marked on all the pieces.
- o Using a home-make dovetail marker
 - Start with the bottom tail
 - Bill uses pencil for marking the tails on the drawer sides
 - You are cutting these first, so if you are off a little bit, you are going to scribe the parts to the face board and it will transfer over...
 - Use the knife to transfer, not a pencil...
- o Clamp them together, cut them together and save yourself some layout time...
- o Mark your waste side of the pin, it is easy to cut on the wrong side.
- o Be careful to cut square to the board. If you are off on your angle the piece either won't fit together or you will have a gap when the pieces are together.
 - This is hard to explain in text.
 - To square your saw, if the reflection of the wood is square in both directions you are going straight across the board.
- o Do not cut with the saw all the way to the line.
- o Use a sharp chisel to take a chip out scribed line. Set the bottom of the tail.
 - Come back on the waste side and take out a chip. Give you a place to guide your saw.
- o Pop out the waste material.
- o Use the chisel to pare it down to a clean tail.
- To scribe the tails on to the front, put a small piece of scrap into the drawer bottom's dado and line up the two pieces.
- Once it is assembled, but it on a dead flat surface and try to rock the box. Take down the high spots until it sits flat.
- Note that at no point in the evening did we measure anything. It was all fit or sized right off of the piece.
- Finishing touch:
 - o Put a little bevel on the back of the drawer sides. This helps to guide the drawer into the opening when you are installing the drawer.



Boy Scouts of America

Woodworking Merit Badge:

Work will continue on Saturday **February 27th** at 8:30 am until 1:00 PM at the Jackson Park Ministry shop. On the agenda is projects to help Boy Scout with their merit badge. (**We need additional hands and eyes to help.**)

We anticipate another session for 20 scouts sometime in the Spring.

Explorers Post:

We have had keen interest from area Scouts. An Explorer Post (A co-ed teenage division of Boy Scouts for 14 - 21 year olds) has been exploring a variety of areas of wood working in the broadest sense including framing, cabinet making, furniture making, wood turning, etc. They'll meet at JPM on January 23 and generally meet once a month.

Post members that want to also join CWA get a student membership rate of \$15/ year.



SHOP TOURS

Mike Smith organizes club membership shop tours. The goal is to have shop tours scheduled that are in the same general geographic area to reduce the distances traveled between shops and permit time to adequately tour several shops in a day.

Please sign up even if you don't have a fancy shop

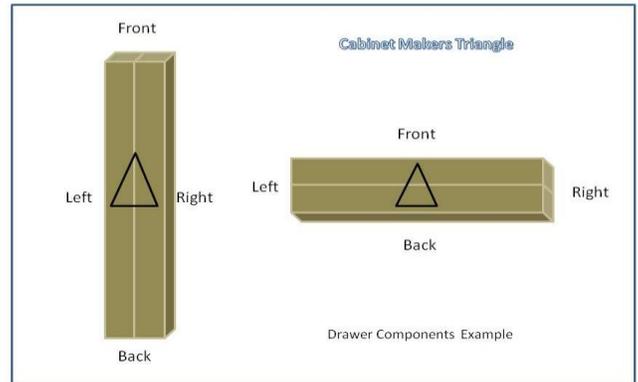
If you would like to put your shop on the shop tour list, please contact Mike at:
mikececilsmith@carolina.rr.com

Note: all shop tours are for active CWA members only. Please refrain from bringing guests, family members, friends, dogs etc...

Once enough shops are committed a date will be set.



Cabinet Makers Triangle



Bill Sutton demonstrated the value in using the "cabinet makers triangle" in marking the sides and front of the drawers. I took the opportunity to look up in Fine Woodworking magazine information about the technique. To my surprise an excellent article appeared in the Fall 1977 issue #8. Adrian C. Van Draanen had a two page article (p46-47) entitled, "Triangle Marking - A simple, reliable system".

If you are a [FineWoodworking.com](http://www.finewoodworking.com) member or you want to try their 14 day free membership, you can read the article at this web location:

<http://www.finewoodworking.com/SkillsAndTechniques/SkillsAndTechniquesPDF.aspx?id=2005>

I am sure CWA members know of other good references about this and other marking techniques to keep track of the front, left, right, back, and top of the components of a project piece.

Roger Callahan



The CWA meeting raffle could benefit from your donation. If you have any tools (old or new) or shop supplies you would like to donate to be raffled, please bring them to the meeting and let Mike Smith know.

CWA MEETING PRESENTERS

All members are asked to keep an eye out for anyone that might make be a suitable program presenter for our CWA club meetings. Who knows, it might even be you!

Recent presentations have included:

- Carving
- Woodworking Project Photography
- Bandsaw Setup and Bandsaw Blades
- Turning an Offset Padfoot Table Leg
- Marquetry
- Sharpening
- Dulcimer making
- Shaker Table Build Workshop
- Wheel making
- Windsor chair making
- Spoon Carving
- Fitting a Drawer

If you know of someone with a woodworking skill that could be of interest please contact Dave Powles at: (704) 506-0403.

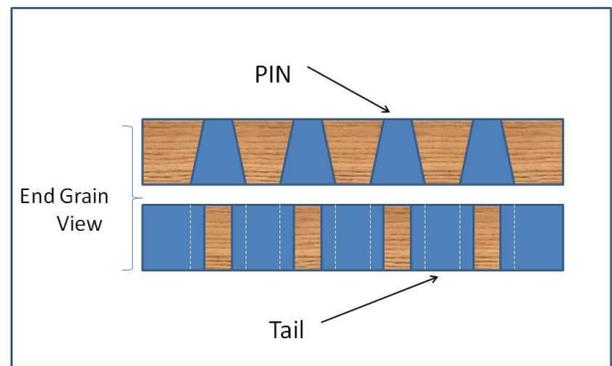


Also at the February Meeting

- Dave Powles mentioned there has been discussion about **"What is a pin and which is a tail"** when looking at dovetails.

He mentioned an easy straight forward way to remember:

- Think of **"P"** for Pin and **"P"** for Pyramid.
- When you look at the end grain of a board, if it looks like a pyramid; it is a Pin.
- If it has 90 degree corners, it is a Tail.



Other Items from the Woodpile

One Special Christmas: Emily Valenti said, as a result of the auction, they were able to buy Christmas toys for a little over 80 children this year. This was less than last year, but considering this year's economy-- I think the auction was very successful. Many of the children were from Rutherford county, which is one of the counties most affected by the recession in our Nation. We are very grateful for the Charlotte Woodworkers and know that we owe much of the auctions success to you guys. The auction raised nearly \$15,000 without having a cabin. Thank you all so much for your support throughout the years!

Hand Tool Skills: Recent attendees at the Colonial Williamsburg Furniture-makers Conference highly recommended the Fine Woodworking " **Hand Tool Skills** " issue. Twelve (12) copies have been donated to the CWA library. David Powles said this would be used as a textbook for those who participate in the **next training project**, which will be a case piece. Contact Dave or Fred Miller if interested in the project.



JPM Shop Use

Any current CWA member who would like to use the shop is welcome to do so! All that is needed is to schedule the time! If you have something specific you need to do and you need our tools or a bigger shop to work in, please do so!

JPM has plans to expand again by adding 3-phase power. Additionally a large classroom will be added. It is planned to accommodate groups of up to 25 people!

CWA will be looking into the acquisition of assorted "Big Iron" (3 phase) shop equipment such as Jointers, Planers, and Table saws. A wide belt thickness sander was noted as good piece of equipment for CWA to have.

To use the shop contact Jim Emory at: JimE@JacksonPark.Org.



Mike Smith announced at the January and February 2010 meetings an exciting new contest for CWA Members

MAKE SOMETHING OUT OF A SINGLE 2x4

Details:

We are having a contest for the CWA members. It's a contest where each person who enters makes something out of a single 2x4 board.

I'm really excited about this contest, said Mike, and I sure hope we get lots of participation. There is plenty of time to do this contest, it's not like you have to have your project done next month. Contest entries will be judged at our April meeting by the members present at the meeting.

Here is the contest.

From a recently purchased single construction grade, #2 common, 2"x4"x96" board make whatever you want to make. Do whatever project you want to do. The constraint is that you must use this single board to make your project. A board purchased after the announcement of this project. The reason for making you purchase a board is to give everybody the same type of board to work with. Nobody should have an advantage by having an older dryer board or by using something besides a recently purchased board. This is just meant to give everybody the same thing to work with.

These are the specific rules.

Projects can be submitted by Charlotte Woodworker Members only:

- **Each project must use the Maximum of only one 2" X 4" X 96" long construction grade lumber (#2 common). However, it is not necessary to use the entire board. (this means we are working with a 1 1/2" X 3 1/2" X 96" board that has been recently purchased at Home Depot or Lowes.)**
- **The single 2"x4" board can be cut into any shape, thickness or number of pieces in order to make the project.**
- **Any hardware is allowed in the construction of the project. However, the project should maximize the use of wood.**
- **A maximum of two projects may be submitted by each participant, of which only one can win a prize.**
- **Projects may have any type of finish or be unfinished.**
- **All projects will be judged by the members present in our April 2010 meeting.**
- **There will be a prize for 1st and 2nd place, we do not have the prizes worked out yet, but will announce soon. You have three months to work on your project.**



Which one do I pick?

What project do I make?

CWA Google Groups

There is a new method for CWA membership to communicate!

With a single email we can let you know what's happening. You can also view all the 2009 published club newsletters.

Note: You Can Join This Group on Your Own!

To join:

Paste the entire line below in your web browser's address bar:

<http://groups.google.com/group/charlotte-woodworkers?hl=en>

- Hit "enter", Click the link "Join this Group" (on the right).
- Create a Google account if necessary (all they want is an email address and password). Please save your password in a secure place for future use.
- Once "signed in" select the radio button "Email" at the bottom and enter a nickname.
- Send an email out to the group to introduce yourself!
- Use "charlotte-woodworkers@googlegroups.com" as the "send to" in any email communication to all members of the group.



Boy Scout Woodworking Merit Badge (Spring Session)

JPM has been holding shop sessions for 20 Boy Scouts to work towards receiving a woodworking merit badge. (see info on page 3)

Jim Emery is seeking volunteers from CWA membership to assist with Saturday workshops, as another session will be offered this Spring. Workshop sessions are anticipated to be held as morning and afternoon sessions.

This is an outstanding way to introduce young people to woodworking. With many school shop programs being phased out this may be the only contact our youth have to a woodshop and the craft of woodworking.

If you would like to put your name on that list to help or would like to find out more please contact Fred Miller at: fredmiller2@gmail.com.

Watch for additional information to be published to the CWA Google group.



CWA Meeting Time and Place

Meetings of the Charlotte Woodworker's Association are held the third Tuesday of each month, except for December. Meetings are held at Jackson Park Ministries Woodshop at Sentry Post Drive, Charlotte, NC.

Please check the web site

(www.charlottewoodworkers.org) for directions.

Note: you may see construction on Sentry Post Drive as they have been working the area of late.

A social and refreshment time starts at 5:30pm; our meeting starts at 6:30pm. Come to the meeting early and get to know your fellow woodworking enthusiasts!



Best Quote of Last Few Months

"The thing about drawers and doors is that it makes the piece more interesting."

Bill Sutton

The CWA Library

Books and DVDs are available from the CWA library for a buck a month. Contact Maurice Blackburn at MBlackburn1@Carolina.RR.Com

Also, please help your fellow woodworker and make your club newsletter even better by contributing a short book review.

Remember, your review is redeemable for a free DVD rental from the CWA library!

Send your book review to Roger Callahan (roger_callahan@bellsouth.net)



The Classified Section

FOR SALE: \$110.00 -- Jet 14" Floor Standing Drill Press. Call Mike Smith - 980-253-7322 or 704-535-4497.



Other tools may be posted on the JPM shop bulletin board, so check the board at meetings.

This space is reserved for classified ads! If you have any woodworking items for sale that you think would be of interest to the membership please contact: Roger Callahan (roger_callahan@bellsouth.net)

Include a complete description of the items(s) and a picture or 2 (if possible).



2010 CWA Officers



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(704) 321-0979
bbogust@carolina.rr.com



David Powles
Vice President, in-charge of programming
(704) 506-0403
Sorry, no e-mail available



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Maurice Blackburn
Librarian
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Wayne Manahan
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(704) 786-0768
WManahan@VNet.Net

Directions to Jackson Park Ministries



From the intersection of I-85 and Billy Graham Parkway:

- 1.) Take Billy Graham Parkway South.
- 2.) Turn Right on Paul Brown Blvd / West Blvd. (this will be after the main entrance to the airport)
- 3.) Turn Right on Airport Drive.
- 4.) First left on Sentry Post Drive.
- 5.) At the end of Sentry Post Drive there is driveway on the left. Enter here. Using the photo above, drive down the driveway and around to the warehouse with the "x" on the top.

From the intersection of South Tryon Street and Billy Graham Parkway (where Woodlawn turns in to Billy Graham). Also exit 6 from I-77.):

- 1.) Take Billy Graham Parkway North.
- 2.) Turn Left on Paul Brown Blvd / West Blvd. (this will be at the light after the Tyvola Road exit)
- 3.) Follow from Step 3 above...

CWA SPONSORS

Please thank them every time you use their services.

HORIZON FOREST PRODUCTS

...has left Charlotte. We look forward to their return in another year or two.

Chad Mitchell, Manager
704-369-0485

WOODCRAFT

Mr. David Boyuka
1725 Windsor Square Drive
Matthews, NC 28105
(704) 847-8300

THE WOODWORKING SHOP OF CHARLOTTE

Jim Rivers, Manager
4728 South Blvd.
Charlotte, NC 28217
(704) 521-8886
Notice: this shop has **closed**.

WHOLESALE TOOLS

4200 Barringer Drive
Charlotte NC 28217
1-800-438-3580 (Service)
Web link: <http://www.wttool.com/>
5% - 20% discount with current membership card.

CWA MENTOR PROGRAM

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact each person to arrange times to get together if interested.

Wayne Manahan
Sharpening
704.786.0768
wmanahan@vnet.net

If you are willing to mentor new woodworkers please let us know. Thank you! 🛠️

"I have a lightning hammer –never strikes the same place twice.

-John Leake

Roger Callahan
3334 Whistley Green Dr..
Charlotte, NC 28269

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ADDRESS CORRECTION REQUESTED
