

THE CHARLOTTE SAWDUST

The Official Journal of
The Charlotte Woodworker's Association

www.charlottewoodworkers.org

Small Talk

Thanks to Bruce Bradford for the look at his shop in this month's newsletter. It was very interesting to see his enviable building and we have all seen that he not only has a great shop, but knows how to use it.

As soon as this very active hurricane season is over I will be anxious to be spending more time in MY shop instead of preparing my boat for the latest storm. I am sure that these storms have created a lot of green wood for turnings (which is the only good thing that I can say about them).

See you at next week's meeting.

Sincerely,

Mike Dyer
mdyer@adwarchitects.com
(704) 379-1919 days
(704) 814-9580 evenings

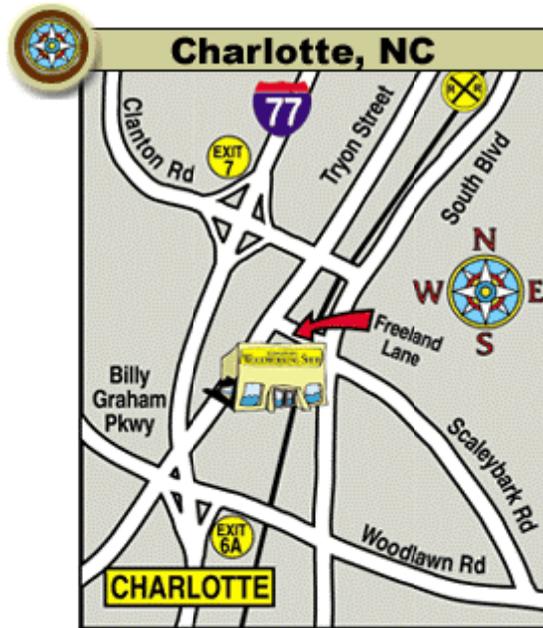
September Program

Jigs, Jigs and more Jigs. We are asking that you bring in your favorite jig or jigs and fixtures to share with the other members. Bring anything that you have built to help you with your work.

Matthews United Methodist Church is having a Holiday Shopping Extravaganza on November 20. If anyone would be interested in having a booth to sell your goods, you should contact Rachel Williams www.mbw2@bellsouth.net. They have a membership of 3700 and will be advertising widely with PSAs, newspapers, neighborhood newsletters, etc. The booth rental is \$75 for a 10x10 booth and \$50 for a 6x8 booth. They are asking each vendor to donate one item in the mid-price range and upward for a silent auction. Their proceeds will be used for missions. They must be notified if you would like to rent a booth by September 20.

Meeting Time

Meetings of the Charlotte Woodworker's Association are held the third Monday of each month, except for December. Meetings are typically held at THE WOODWORKING SHOP of Charlotte, 116M Freeland Lane, Charlotte, NC. Exceptions will be announced well in advance. If you need directions to the shop, visit their web site at <http://www.woodworkingshop.com> and click on the link to "Store Locations".



**116 M Freeland Lane
(Queen Park Business Center)
Charlotte, NC 28217
(704) 521-8886**

Get Directions:

MAPQUEST

Following a social and refreshment time that starts at 5:30pm, our meetings start at 6:00pm. Get to the meeting early and get to know your fellow woodworking enthusiasts. Please refrain from placing food, drinks and trash on worktables and shelves around The Woodworking Shop.

\$\$\$ Save Money at the Woodworking Shop \$\$\$

As a member of the Charlotte Woodworkers Association you can save 10% off all your purchases from The Woodworking Shop, excluding wood and power tools. Thanks to our hosts at the Woodworking Shop for allowing us to have our monthly meetings and extending 10% off to CWA members.

Write an article for Sawdust (thanks for all the help from those that have)

Please consider writing an article for The Sawdust, this is your newsletter what do you want from it? What do you want to share with your fellow woodworkers? Everyone likes to share, share your successes, failures, mistakes, have fun with it and share with others at the same time!. Contact Mike Dyer @ secretary@charlottewoodworkers.org or call (704) 379-1919 days or (704) 814-9580 evenings.

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.

Name	Area of Interest	Phone	Email
Wayne Cooper	***	704.409.1417	cooper@arconmfg.com
Bill Golden	Shopsmith & Accessories	704.525.9691	popstoystore@juno.com
Dwight Hartsell	Woodturning	704.598.6029	woodwright@aol.com
Jeff Jacobs	any woodworking	704.309.1263	jacobj@meckco.com
Wayne Manahan	Sharpening	704.786.0768	wmanahan@vnet.net
Gil Milsaps	Windsor chairs	704.875.0758	gad32about@aol.com
Alvin Tench	any woodworking	704.824.7717	alvintench@netzero.com

*** Wayne Cooper has a fairly complete shop and would actually like an experienced woodworker to use it and teach him how to use it properly in exchange for use of the shop. If you are interested in helping Mr. Cooper please contact him directly to make appropriate arrangements.

Classified Section

\$\$ For Sale \$\$

Approximately 1000 board feet of 1 inch thick Oak – various widths from 6” to 10”, the boards are about 12 feet long. Asking \$1/bf with a 100 bf minimum, would like to sell all 1000 bf for \$900. Contact Mike Patterson @ 1-704-435-5179.

8” Inca Tilt Table Saw (\$295), Makita 9820-2 Electric Sharpener (\$150) and a Makita 9045N ½ Sheet finish sander (\$50) are available from George Fryling at 704-752-0121 or George@fryling.com.

Old Wooden Desk. 60” long x 32” deep x 30” high. Good for worktable, tool support or bench. - \$10. Delta Rockwell Jig Saw with Dunlap 1/4 hp motor. Good condition, cuts very well. \$95 Ralph Lombard 704-542-3103 - lombardr@asme.org

Craftsman Shaper with Craftsman 1/2 hp reversible motor. Set of Bits. Excellent condition, used very little. \$150 Ralph Lombard 704-542-3103 - lombardr@asme.org

Shopsmith Mark V - Very good condition. \$500 Ralph Lombard 704-542-3103 - lombardr@asme.org

10-inch Craftsman compound miter saw. Excellent condition. \$80. Delta tenoning jig, excellent condition. \$75. Contact Fred Miller, 704-375-0306, or email fred.miller@wachovia.com.

My Shop

By Bruce Bradford

Having grown up in western Michigan as the fifth generation on the family dairy farm I really wanted something that felt like an old barn on the inside. This is what led me to consider the post and beam style structure. Even though the cost of the post and beam was higher than conventional stick style structure it did offer several cost savings in that the actual assembly of the building would only take a few days and could be

weather tight within a week and this would allow me to finish the outside of the building at my own pace and with my own labor.



The shop is situated slightly beside and behind our house so that it faces our back patio and the gardens. The land behind the house slopes down and away from the house so that allowed for a two car garage beneath the shop with the main floor of the shop opening up to the back yard.

The building is 25' wide and 23' deep and has an 11' x 25' loft inside.



The loft was designed for storage of materials. This has worked quite well, the laws of gravity help with bringing the materials down, however these laws don't help with returning excess materials back to storage.

The main floor of the shop houses the following equipment:

- 14" Bandsaw with 6" riser
- Two 10" Radial Arm Saws
- 36" Lathe
- 12" Disc Sander
- Spindle Sander
- 3 hp Shaper
- 12" Jointer
- Drill Press
- Drum Sander
- 15" Planer
- 10" Table Saw

The shop was designed with two 4' wide front doors. This allows for easy entry with raw materials, and exit with finished products.



As you enter the shop you will see that the table saw is located in the center. This allows me to rip exceptionally long material (12' +) by opening the front doors. The planer is located to the right of saw that long material can be planed as well.

The shop is wired with its own meter and a 200 amp panel in the basement. For the most part each major power tool runs on its own circuit, with two other circuits dedicated for lighting. The outlets are placed around the perimeter of the shop, and two at each post in the center. All outlets are placed at waist level for easy access.



As you enter against the left wall I have the two radial arm saws stationed. The saws share a common table and are mounted on a common base with casters. The cutoff table is 8' in length. The right saw is dedicated for crosscutting, and the left saw is equipped with a dado blade for cutting joinery. There are bins beneath for cutoffs, and a large scrap container on the left end for waste materials.

In the far left corner (barely visible in the pictures) is the shaper, and then sharing the same mobile base are the lather, disc sander, and oscillating spindle sander. Against the back wall is the jointer, and next to that is a horizontal boring machine that uses a plunge router. More routers are stored beneath. I have four Bosch routers, two fixed base and two plunge.



The drill press is located in the far right corner with a clamp rack against the near wall. Both of these incorporate mobile bases as well. Just barely visible on the far right is the drum sander. Though the drum sander is not used very often and takes up needed floor space I'm not quite ready to part with it yet.

You may have noticed in some of the preceding pictures that there is a very small dust collector that floats around the shop. I have grand plans of putting a cyclone style collector in the basement with piping coming up from below. Presently my capital expense budget hasn't allowed for this type of system, so I still make do with the original machine.

In the right front corner of the shop is my workbench, and to the right of the bench in the foreground is a smaller bench on casters. This gives me plenty of room for assembly and hand tool work. The rolling bench has 5 drawers on one end for storage of miscellaneous items and two shelves on the other end for sanders, grinders and portable hand saws.



One thing I have learned from my shop is that it is constantly evolving. While there are many constants, several things have not found a permanent home yet. By and large it works well for me, but I still have a few ideas for improvement.

H & S Lumber

Mr. Robert Boland, Manager
 4115 Monroe Road
 Charlotte, NC 28205
 704.333.3130 (sponsor)

Harbor Freight USA

Mr. Martin Treadwell, Manager
 3852 E. Independence Blvd.
 Charlotte, NC 28205
 704.569.0182 (contributor)

The Woodworking Shop of Charlotte

Mr. David Owens, Manager
 116M Freeland Lane
 Charlotte, NC 28217
 704.521.8886 (contributing/sponsor – except power tools
 and wood)

Woodcraft

Mr. David Boyuka
 1725 Windsor Square Drive
 Matthews, NC 28105
 704.847.8300 (contributing)

Show your CWA membership card at any of the listed
 places and receive benefits (except for Woodcraft and
 Harbor Freight USA, which are not able to provide
 sponsorship in the form of discounts).

2004 CWA Officers

President	Wayne L. Manahan pres@charlottewoodworkers.org	(704) 786-0768
Vice President	Dick Thomas vp@charlottewoodworkers.org	(704) 332-3418
Treasurer	Jaye Peterman treasurer@charlottewoodworkers.org	(704) 527-8768
Secretary	Michael L. Dyer secretary@charlottewoodworkers.org	(704) 379-1919

The Charlotte Woodworking Association

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Next Meeting:
 September 20, 2004
 At the Woodworking Shop
