

BR Woodworking Club Meeting Minutes
May 06, 2017
Location: PMC

Welcome - President Hays Town

Invocation -
Pledge of Allegiance - Club

V.P. Report - Bob Chambers:

Flowers Solutions Academy Bookcase Project was a big success. A very special thanks to Terry Landry.

Have not heard form Lowe's concerning suppling lumber for the bird house kits for the Swamp Fest in October. If you want to start building bird house early then consider buying you on lumber.

Service Projects Report - Lee Owens:

New Project for YMCA on Old Hammond Highway. Flooded in August. Just reopened last month. Would like for the club to build a coffee station, 3 end tables, 2 coffee tables, 2 nursery cubbies and 4 outdoor benches. Ask Lowe's if they would supply materials at reduced rates. All of the indoor furniture to be stained at the YMCA. A sign up sheet was passed around. Contact Lee if you are interested in helping. A big thanks to Kesh for coming up with the plans.

Skill Topic : Round table discussion concerning building cabinets.

Round table participants: Alvin Fort, Terry Landry and Danny Kerr.

Below is a sample of question asked and a summation of the answers.

What materials to use?

Alvin - Depends on the type of cabinets being built. If ends of cabinets are visible use fame and panel end (similar to doors) out of same wood as the face frame. Use 3/4" plywood for case and wood (oak, ash, pine, etc) for face frame, etc.

Terry - If cabinet does not have a frame and panel end then plywood in the same species as the face frame wood can be used.

What grade of plywood should be used?

Terry - Cabinet grade plywood. Paint grade is usually some form of Birch. Stained cabinets usually use the same species are the wood being used. Parts not visible can be made from cheaper plywood.

Every use pre-finished plywood? Are the building methods different?

Terry - Have used pre-finished a few times. No different methods used to construct. Saves time since the inside of cabinet does not have to be finished. Is more expensive.

Alvin - I do not apply finish. Up to customers to finish.

Where can you source pre-finished plywood?

Terry - Probably any of the sites listed on the club web site.

Can MDF be used?

Terry - If you are going to paint it, it is ideal for door panels etc. Good flat surface to apply paint.

Alvin - Quality is not there.

What are the choices in plywood?

Terry - Plenty. Examine each piece before accepting. If you don't like the way it looks do not pay for it. The cheaper plywood may be more difficult to work with - more splintering, voids, etc. Will not have the choices at a Lowe's or Home Depot that you will at a place that specializes in lumber.

What is the right sequence of construction?

Alvin - I build my carcass first. Then face frame, then drawers and then doors. Side pieces would be 31 3/4" with a 3 1/2" tall by 3" deep toe kick.

Terry - I have seen some people make the face frame first and then build the carcass.

What order are cabinets installed?

Alvin - I like to install the top cabinets first. Screw a cleat to the studs at the correct height, set cabinet on cleat and then screw the cabinet to the studs.

What are the attachment methods?

Alvin - I have 3 1/2" wide nailer strip at the top and bottom that the screws are put through and holds the cabinets to the wall.

Danny - Bottom nailer strip extends below the bottom shelf of cabinet so so that the bottom can be secured to the wall.

What size screw should be used and how many?

Alvin - I use 2 1/2" drywall screws and put 2 at the top and 2 at the bottom.

Terry - You can only put 1 screw per stud - top and bottom. Remember that the cabinets get attached to each other so that they become one big unit.

How do you deal with out of plump walls?

Terry - If it is face frame cabinets and it is going to butt into a wall, then the face

frame needs to over hang the carcass. You can then scribe the face frame to the wall. If you inset the back, the cabinet can also be scribed to the wall that is behind the cabinet.

Alvin - A filler strip can be used between the wall and the cabinet.

How do you attach the counter top to the base cabinet?

Danny - I put cement backer board on top the the plywood tops and installed granite tile.

Terry - The counter top is the last thing that goes on. Each cabinet has cleats - one in the front, one in the back - that is used to attacked the plywood.

Counter top is then attached to the plywood.

What type of metal drawer slides?

Alvin - I like the side mounts. I use a Kreg jig to install runners. I install the slides in the cabinet and then I measure between the slides to determine how wide to build the drawers. Then I build the drawers.

Use rails to bring the slides out even with the face frame.

Terry - There are different clearances that need to be allowed for according to the type of slide being use. I cut spacers out of 1/4" plywood to install the slides. Start with top drawer. Cut a spacers for each drawer opening the desired length and use them to position the slides in each opening in the face frame.

What type of joinery is used to construct drawers?

Alvin - Depends on the customer. Can be dovetailed. If customer does not want to spend that much money the I use 1/2" plywood and rabbits.

Terry - Different types of joints can be used. Rabbit joint, tongue and grove, etc.

Danny - I have tried the miter lock joint. I can't get it to work. Needs a shaper with a good feeder. Must be held perfectly.

Terry - Lock miter joint can be made on table saw with less setup time.

How do you make wooden drawer slides?

Terry - One options is to attach a hardwood strip to the cabinet side and have a corresponding sized dado/plow in the side of the drawer. The dado/plow slides on the hardwood strip allowing the draw to open and close. Will not be full extension.

Drawer size. How wide? How deep?

Alvin - Depends use and the weight.

Terry - Kitchen cabinets draws are less that 24" deep because of the depth of the cabinet. Wider drawers, depending on what is stored in the drawer, will require thicker bottoms to support the weight. Means using 1/2" or 3/4" material for the bottoms.

What is the maximum width of a cabinet?

Terry - Should consider the following:

Best utilization of material
Ease of installation
Transportability for delivery
Design of kitchen

What is the best way to attach the back of the cabinet?

Alvin - Use a 1/4" rabbit and staple the plywood in place.

In Attendance:

C.J. Bergeron
Ken Brown
Keith Bryan
Khank Bui
Jack Carmena
George Cenac
Bob Chambers
Harold Choate
Curtis Dawson
Alvin Fort
Randy Gonzales
Cody Henderson
Paul Hornsby
Kesh Ikuma
Danny Keff
Terry Landry
Micheal Lee
Wayne Matherne
Arthur Miller
Mark Monistere
Douglas Morgan
Lee Owens
Jeni Passman
Hays Town
Shawn Walker

Visitors:

Pennie Rogers