



October 2005

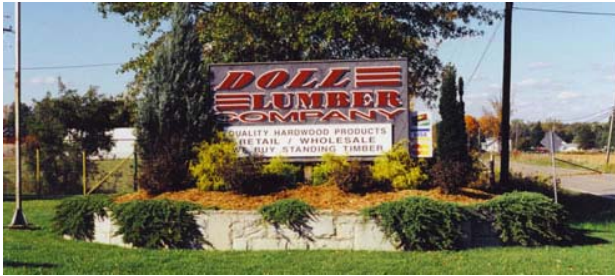
### ***We've moved! To Y-NOAH***

On Tuesday Sept. 20, a large and loyal contingent of our members with trucks and trailers met at the old Hartville meeting place to move us. Very shortly, the large Powermatic lathes were stripped down to the beds and loaded on a trailer. The head stocks and tail stocks were loaded on to pick up trucks along with several small Jet lathes, tables, chairs, video equipment, vacuum cleaner, and a raft of misc. equipment. A caravan of no less than a dozen cars and trucks laden with all our club belongings snaked across Market avenue to State street. After a couple more turns we arrived at Camp Y-NOAH just off Mt. Pleasant Rd. I was favorably impressed with the camp, below is a photo of one of two rooms we'll be using for our meetings.

From the moment we arrived, one truck after another was backed into position at one entrance or another and quickly unloaded. Machines were re-assembled inside the building and moved to their designated storage spaces. Chairs and tables were carried in and stored away on the lower level. The video equipment and the vacuum cleaner along with all the other equipment were quickly put away and secured ready for our next meeting. Many thanks go out to all those who helped make this a relatively painless experience. Great things can be accomplished by many doing a little. Below is another photo, this one shows the view from the back of our new meeting room. Some of us may be tempted to bring swim wear to the summer meetings. I took the liberty of snatching both of these photos from the Y-NOAH web site. They provided a very convenient means of doing it, so I guess it's ok.



## The September meeting and demonstration were held at the Doll Lumber Company



The tour of the facilities was conducted by Tim Williams. He started with the initial logs as they entered the building. At the first stage of preparedness, the logs were debarked by a machine that rolls the logs and removes all the bark from the tree.



This bark dropped into a lower hopper and conveyor system where it propelled to another location to be chipped into wood chips. All cut off sections of wood were chipped and prepared for sale. Currently, the chips are hauled to Cleveland to become fuel for firing boilers. The next phase was to send the logs through a metal detector to locate any metal that might harm the teeth of the band saw. It has the capability to detect metal about five millimeters in size. The largest piece of metal that came through in a tree was a mortar shell. Other objects that cause trouble are embedded rocks, glass insula-

tors and spikes. The next operation was for each log to be readied to be cut by the band saw. The sawyer determines which way the log should be placed to get the best grade of lumber from that particular cant. The band saw operation is only 3 years old and it took 18 months to erect and become operational.



The saw blades for this machine are about 43 feet long and 12 inches wide. It has teeth on both sides of the blade so that it can cut boards while the log is sent through and boards can also be cut on its return movement to its original position. The cant moves back and forth until all boards have been cut. The band saw is powered by a 250 horsepower motor and it travels at 8300 revolutions per minute. The blades are



changed at 7 AM and also at 11:30 AM, or twice per shift. This procedure is to insure that sharp cuts are always being made and it increases end production. Doll Lumber has a shop set up for sharpening each b





blade when it becomes dull. They have about 10 replacement blades ready for use. When a blade is sharpened, it not only sharpens each tooth but also increases the gullet so sawdust will not foul up the blade. The blade is usually sharpened to around 10 1/2 inches before it is discarded.



After each board is cut by the sawyer, it slides down a conveyor system to the edge trimmer where one edge is cut straight. All this alignment is established by laser controls. When the boards are finish cut to width, they are stacked in the appropriate bins and cribs. They usually cut about 30,000 board feet of lumber per shift. Currently it takes three men to run this operation. This is about half of what the old circular sawmill used to take to have an effective operation.

This was a very exciting tour of sawmill operations. The BWWT would like to thank

Jim Doll, Tim Williams, and Katie Yoder's for providing us with such nice hospitality and presentation of their operations.



***Above Gerry Schaible and Lou Mineweaser talk with TIM Williams of Doll Lumber***



***Shown above are two very large burls that were cut up for sale after the meeting and below are some of the turning***



## CALENDAR OF EVENTS

SEPTEMBER MEETING AT  
DOLL LUMBER, SEPT. 17

OCTOBER MEETING AT  
CAMP Y-NOAH TO BE AN-  
NOUNCED

WOOD TURNING SYMPOSIUM  
ALBANY NEW YORK SAT &  
SUN OCT 15 & 16 CON-  
TACT BRUCE LANCE FOR  
INFO.

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