

BARN POST

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Above: Asked when the last time he climbed the ladder, Mr. Metzger responded by scurrying to the ridge pole and back in

about 45 seconds. Not too

bad for an octogenarian.

Right: Using a vintage Farmall tractor, Mr. Metzger pulls a wagonload of barn enthusiasts across the fields to another nearby barn. Photos by Tom O'Grady

Exploring the Barns of the Blanchard and Auglaize Watersheds

Tour day started bright and early with coffee and doughnuts. With every seat on the two buses occupied they departed promptly at 9am. Right off the bat we detoured from our assigned route to drive by the Spahr Farm, one of the three "Barn of the Year" winners for 2015.

Then we were back on track to the first stop at the Hoy-Bright barn, once known as the Marion Hotel where travelers could stay the night and stable their horse for twenty-five cents. The house is now the Lambs Ear B&B. The barn was newly painted last year and sparkled like a gem in the sunshine.

Rudy Christian was in fine voice and pontificated on the various unique features and similarities in each barn visited throughout the day.

Stop two was the Metzger-Ropp Barn. This barn on the family Century Farm has been lovingly cared for. The younger generation of farmers in the family now specializes in grain farming and therefore the dairy operation is no longer in use. So Mark Metzger has turned his beloved barn into quite the museum, displaying

old tools and machinery used by seven generations of Metzgers and Ropps. He also entertained us by climbing the hay ladder to the peak of the roof and down again. No one else seemed inclined to do the same. Mr. Metzger shared numerous stories and memories. This was also the lunch stop for the day and so we feasted in the Dining Area of the old barn.

On the way to the next stop we drove past Gary Wilson's farm. Gary's barn was on the Hancock County Barn tour last year. His children are

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Random Thoughts

Here's hoping you all have had a productive spring and are ready for the warmth of summer!

Your board has been busy after a brief respite from another successful Ohio Barn Conference. We were working hard to get the word out for Fourth Wall Films in their efforts to solicit donations for their documentary "The Barn Raisers" and we are proud to say that a fellow Ohioan put them over the top in their goal to raise \$5000! This allows Tammy and Kelly Rundle to continue filming and production of this important work as well as continue the fund raising efforts. We are hopeful of having the Ohio premier at the Columbus Foundations Headquarters in 2016, so stayed tuned for more information...

Another fund raising effort finished up a few weeks ago from the Columbus Foundation during the "Big Give". It was a chance to have donations to Friends of Ohio Barns endowment fund doubled by the Foundation. As this goes to press, we are still awaiting the final tally, but will keep all informed via Facebook and the website...

FOB has added a new member to the board...Sarah Sisser from Hancock County has agreed to join us!

She brings a wealth of knowledge and experience to the board from her work as the Hancock County Historical Museum Director. Young, fresh blood for the board will energize us all!

Dan Troth and I have had the opportunity to speak on behalf of Ohio Barns to a number of groups this spring as we do our part to spread the gospel of all things barns in Ohio. Dan recently hosted the Conestoga Benefactors fund raising dinner to help raise money for the Ohio History Connection, and I spoke at the Nature Conservancy's Edge of Appalachia Preserve. Hopefully, we will get some future contacts and projects from these events.

A final shout out goes to Rudy Christian and Laura Saeger for designing and building an amazing timber framed pavilion at the Parma Heights Baptist Church near Cleveland. It is a site to behold, with some of the most incredible joinery I've seen or had the privilege to work on...it is an open meeting space that the church will use for all kinds of events, and it is open for all to see, not just church members, so if you are ever in the neighborhood, check it out!

As always keep up with us by following our Facebook page and the website...we will have a start date for the Slate Run Metro Park work shop coming soon.

As this goes to press, we've been told we had approximately \$1250.00 donated to us! Thanks to all who participated!

Have a great summer!!

— Ric Beck

...Shielding the house from storms, on the north, were the barns and the farm-yard...

...Bursting with hay were the barns, themselves a village...

— Henry Wadsworth Longfelllow 1807-1882 from: Evangeline: A Song of Acadie

A Walk along the Old Tracks

When I was young they had already been abandoned for years overgrown with sumac and sour apple, the iron scrapped, the wood long gone for other things.

In summer my father would send us along them to fetch the cows from the back pasture, a long walk to a far off place it seemed for boys so young. Lost again for a moment in that simple place,

I fling apples from a stick and look for snakes in the gullies. There is a music to the past, the sweet tones of perfect octaves

even though we know it was never so.

My father had to sell the farm in that near perfect time and once old Al Shott killed a six foot rattler on the tracks. "And when the trolly was running" he said, "you could jump her as she went by and ride all the way to Cleveland, and oh," he said, "what a time you could have there."

— Robert Kinsley

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Photo by Tom O'Grady

Although the floor of the barn was clean enough to eat off of, the Metzger's had set up tables and chairs and lunch was served in the straw shed.

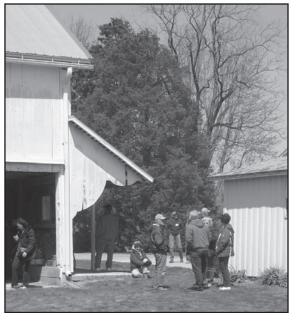


Photo by Tom O'Grady

Lacking a loafing shed, barn tour participants loaf near the decorative pent roof on the Pepple Barn.

Of the many rather large trees gracing the farmsteads on the 2015 barn tour, this wild and gnarly mulberry may have been the most dramatic. Sporting a root system that threatens the sidewalk the ancient tree leans over the driveway and casts a threatening shadow over the two tour buses in front of the Basinger barn in Hancock County.

Photo by Tom

O'Grady







Above: An Ohio Barn Tour first! After more than 15 years of touring Ohio's historic barns, one of the tour buses got stuck on the edge of the road and required a little assistance from Allis Chalmers - One Eighty.

Left: Beryl Beckett and a furry friend sunning their backs for a few moments on the barn tour.

Photos by Pamela Whitney Gray

EXPLORING, Continued from Page 1

the eighth generation to farm these fertile fields.

Stops three and four also tell the story of the multi-generational Glick-Pepple family. The barns and houses here reflect the prosperity and expansion of subsistence farming to agri-business farming. Now FOB is famous for its glitches on the tour and this year was no exception. As the buses pulled to a stop at the first Pepple Barn the second bus became stuck in the soft ground off the

berm of the road. Fortunately the next stop was in walking distance across the cornfield so the tour went on as the problem of the bus was dealt with. But never fear, Jeff came to the rescue with tractor and chain and we were back on the road and still on schedule.

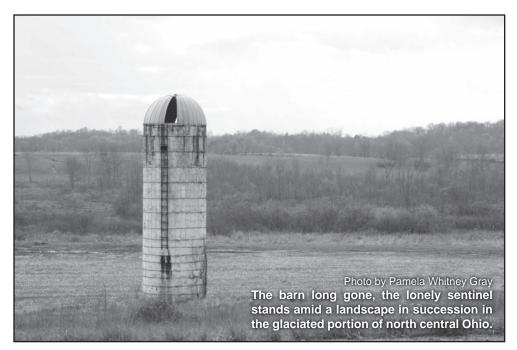
The fifth and final stop, the Solt-Basinger Barn and old timber frame house was another stand out. It can be seen from the copious owl holes, and protruding rafter and purlin plates on the barn, the

notched corner posts in the timber frame house for the purpose of finished interior framed walls with lath and plaster. This was another showplace in an outstanding agricultural community.

After a full day of barns we headed back to "our own barn" at the Findlay Inn for an evening of relaxation, feasting on local fare, and friendly comradery with fellow barn enthusiasts.

— Pamela Whitney Gray

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Constant Companions & Silent Sentinels

Stately silos stand as reminders of productive agricultural operations that have faded into the past. And, like their companions, the family barn, they have also come to their inevitable end standing lonely and neglected. However, change and new purpose do come to some of these stately sentinels.

It is reported in the book, *The Barn*, by Arthur and Witney, silos originated in Hungary around 1885. France dubbed the contents of the silo as ensilage. Fred Hatch of McHenry County, Illinois is said to have constructed the first up-right silo in the United States.

The early years of silos were filled with construction problems. Recognizing the virtues of ensilage as a feed the need for proper storage began to be explored.

Wood silos were short lived as they rotted in a short period of years. To help prevent the damage to the silo structure they were lined with everything from paper, to paint, to sheet metal, roofing, and lath & plaster. All of which were subject to damage by silage forks as well as chemical reactions. Next, stone silos were tried and

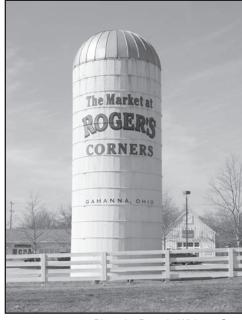


Photo by Pamela Whitney Gray A solo silo repurposed for marketing and promotion in central Ohio.

they did not last much longer as the acids of the ensilage attacked the linings or the chemicals in the construction materials made the ensilage unusable.

Silos were still quite small when it was discovered that the weight and depth of the silage itself was needed to help preserve it. Subsequently it was realized that the diameter of the silo should be determined by the number of cattle to be fed. A systematic feeding from the top, of approximately one foot per day, prevented oxidation of the silage which destroyed its feed value.

Concrete was the next step in silo de-



Photo by Tom O'Grady

A battery of silos from a more intensive
agricultural economy along the Muskingum River in Washington County.

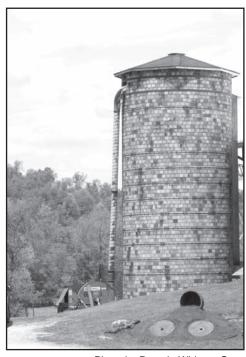


Photo by Pamela Whitney Gray A clay tile silo, more scarce every year, is a remnant of an earlier age in agriculture and building materials.

sign. There were several concrete stave silo designs. Then the continuous poured silos began to appear. Tile silos were also used in this period and were quite successful if properly sealed.

Big blue Harvestore silos took the country by storm in the 50s and 60s. These proved to be the most successful yet in the storage and the least waste of silage by oxidation.

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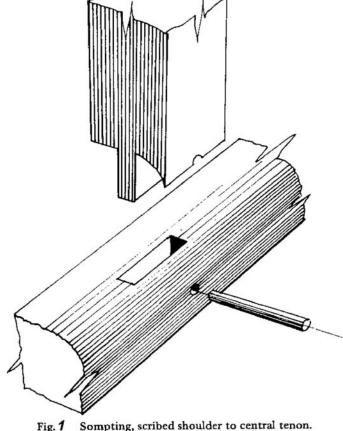
Methods of the Master Barn Builders

Mathematical Patterning

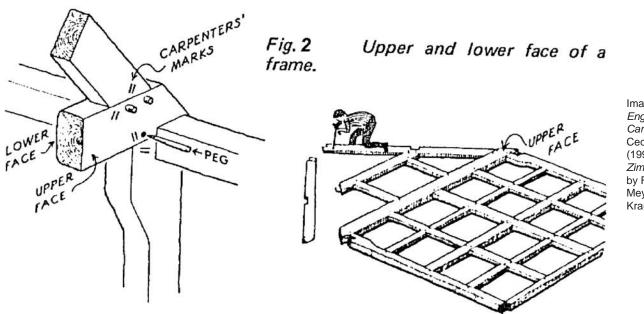
A good first step in understanding timber framed structures is to attempt to decipher the mental or mathematical pattern the builder used as reference. S.E. Todd stated in his 1870 work entitled Todd's Country Homes and How to Save Money "The builder, while laying out a frame, needs to set up a regular "air castle" before his imagination, so that he can perceive how every piece of timber, when he is laying it out, or framing it, will appear after the structure is raised and every part is in it's proper place.". This air castle can be easily interpreted as a structure made of playing cards. Each card within the structure can be thought of as a plane or two-dimensional surface. These surfaces represent the planes of reference used to locate all of the timbers in the frame. The intersections of these planes of reference form lines, each referred to as an "arris", which establish a wire model of the structure itself.

By establishing the planes of reference, and the intersections of those planes, the critical or "layout" dimensions of a frame begin to become obvious. Part of this understanding comes from the practical knowledge of the way this layout work was done. In early timber framing, timbers were worked by a method of scribing each intersection or joint (see fig. 1) in a setting where large sections of the frame could be assembled and fitted up. The dimensions of the frame were established by taking accurate measurements and blocking up the timbers to represent a level plane (see fig. 2). Richard Harris refers to this plane as the "upper face" in his 1978 book entitled Discovering Timber-Framed Buildings, because it was the face of the frame or "bent" that was up during scribing. In the completed frame this face would actually be the side of the bent.

The log to timber conversion method used in early timber frames is known as hewing. This process was accomplished by Sompting, scribed shoulder to central tenon.



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Images from English Historic Carpentry by Cecil A. Hewett (1997) and Das Zimmermannsbuch by Franz Sales Meyer Theodor Krauth (1895)

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Position for using broadax



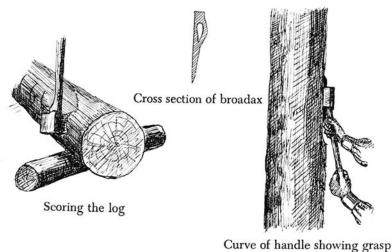


Fig. 3

METHODS, Continued from Page 5

use of a chalk line and ax to score or rough the log into a squared cant. Most often a broadax or hewing hatchet was used to finish or flatten the scored surface. Although this process could be done in a way that produced remarkably smooth timbers, in most cases the timbers were only hewn to a surface that was workable for the framer. The variation in size and shape was overcome in the scribing process. The steps involved in turning trees into timbers are nicely illustrated in Alex W. Bealer's 1980 book entitled Old Ways of Working Wood. (Fig. 3)

Carpenter's Marks

Understanding how the barn builder determined the correct locations for the interior bents or posts in a frame however requires understanding the concept and use of the upper or "layout" face. Since during the process of scribing the joinery the framer blocked up his timbers to establish a flat and level plane, the layout face of a bent can be usually be found by determining which face of the bent the timbers are flush to. Braces are typically the easiest timbers to use in locating the layout face, since they are typically much smaller than the posts and connecting ties, so the offset is obvious. The side of the bent to which the timbers are flush then becomes the side to which field measurements are taken. Often "carpenter's marks" will indicate the upper face (see fig. 2). In many cases the orientation of these faces within a frame can be predicted. The English and German barn framers, for instance, typically oriented the interior layout faces toward the threshing floor in the central "bay". The Dutch however would be more likely to orient all but the last bent towards one end of the frame.

The carpenters marks were a very important part of how the barn builder would keep track of where each piece of timber goes in a barn frame since each joint is a scribe rule frame will only fit in the location it was scribed to fit placing distinct carpenters marks on each piece of the joint means they can be matched up correctly when the frame is raised. The English system of carpenter's marks typically uses Roman numeral style notations. The marks seen in Fig. 2 indicate that joinery was part of the second

| / = 1 und 1 Rute und 1 Stock | // = 1 und 2 Ruten und 2 Stock | = 1 und 1 Ausstich und 1 Stock | = 1 und 2 Ausstiche und 2 Stock

Fig. 4

bent in the frame. The system of layout that has been taught for centuries uses a slightly different set of marks. These marks can be seen in Fig. 4.

In the German marking system the walls, posts in the walls and what floor level the joint is found on are all indicated. This complicated system is based on the fact that the German frames were raised with the walls going up first instead of the bents. This is also true of English frames raised in the Old World. The German's also framed one floor at a time, while the English would frame with posts that could be two or three stories tall.

Of particular interest to me is that scribe rule framers in America were able to continue using their traditional marking system even though we changed to raising the bents first, rather than the outside walls the way the Old World framers did. I like to think of this as an indication of how versatile early tradespeople were. We were adapting to a new world, different trees and a culture made up of many traditions from many lands by finding new ways to look at our old ways of measuring and working. We were creating new traditions of building, and the marks of those new traditions are there for us to enjoy and learn from today.

— Rudy Christian

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Hancock County Hosts Barn Enthusiasts

Another day dawned and the FOB Board members were up and at 'em. The Brugeman Lodge at Riverbend Park was soon whipped into shape for the day's Barn Conference.

David Fey, of the Fairfield County Historic Park District, started things off with an energy filled talk on "Minding Your Ps". He gave a very inspirational and energizing talk on the subject of Preservation. How it takes perspiration, passion, and persistence to prosper in the pastime of protecting our post-and-beam barns of the past for our progeny of the future.

The breaks throughout the day provided time to visit with fellow members, speakers, and exhibitors. Time was also well spent perusing the tables of the silent auction. Many of us took home treasures large and small and left behind generous cash donations for the further works of the Friends of Ohio Barns.

Al Parker spoke of the "Night Life of the Hay Barn - The Barn Owl" We all know of owl holes in the gable peaks of the barns that we have toured over the years. The Basinger Barn we saw on Friday was and excellent example with its array of owl holes on the ends and broadsides of the barn. Al informed us of the life and habits of the barn owl and how to tell if there is a barn owl in resident in your barn.

Gary Wilson shared "The History of Farming & the Relationship with the Cooperative Extension Service". Farming starting as a subsistence lifestyle for the rural family. The Extension Service played a role in helping these families to become agri-business entities. He also explained the role of the Extension Service in the lives of farm children through the 4-H program.

A delicious lunch was enjoyed by all as we participated in the annual members meeting. The minutes by Secretary Sarah Woodall were approved and the financial report presented by Treasure Laura Saeger was also accepted. President Ric Beck presented an overview of the organizations activities over the last year. Ric proceeded to thank Sarah Sisser, Director of the Hancock County Museum, as our local hero.

A new FOB event was proposed by our newest board member Dave Hamblin. He presented the idea of a 2-day driving tour of interesting barns and places in the western and southern part of Ohio. He created a display explaining the tentative tour route and asked for input. The comments were very positive and members indicated the preferred time of year for such would be September or October. So stay tuned to the Barn Post Newsletter and the FOB website for more details as they become available.

The meeting continued with the presentation of the Barn of the Year Awards. David and Linda Spahr were presented with the Agricultural Use Award. We drove by their barn on the barn tour. Mark and Drena Mertzger received the award for Stewardship at lunch on their tour stop on Friday as they could not make the conference on Saturday. The Adaptive Re-Use award was presented to Jeff and Shari Bailey of Chagrin Falls.

The afternoon started off with fits and giggles as our resident Barn Detectives Rudy Christian and Dan Troth gave us their (somewhat skewed) version of the Barn Tour on Friday.

David Spahr talked about "The Modern Family Farm" and how their multigenerational farm has gone through changes and adaptations over the years to stay a viable and profitable operation.

Kelly and Tammy Rundle producers of 4th Wall Films explained their concept of "The Barn Raisers" a documentary on the history and building of barns in the mid-western states. They have already done filming and interviewing in Ohio and presented a video clip on some of the work they have done. We are looking forward to the finished product and the premier showing of the documentary in 2016 here in Ohio.

The day was wrapped up with the dispersal of the Silent Auction items and the announcement of the winner of the "In Danger of Being Lost" Barn Count from the Friday Barn Tour. The winner was JoAnne Hamblin and she received one of the t-shirts with our new logo.

We hope everyone enjoyed the two day conference and tour and walked away with new vigor for the Friends of Ohio projects and events.

— Pamela Whitney Gray

* * * * *

Thank you, thank you, thank you

to Beryl Beckett, Kendal Taylor, and Judy Hendershot for their stellar operation of the silent auction. They have this piece of the action down to a science.

* * * * *

Sarah's Wallet

Found! I know that word travels fast but I was amazed how many people knew by 9 am Saturday morning of the conference that I lost my wallet the night before. After calls to Lifelock, Visa, the Sherriff's office, and several hours of fretting I was able to contact someone at Logan's Restaurant and sure enough, someone had found it and turned it in with all the contents still there! — cash, visa and license! I gave the manager a twenty and asked him to thank the honest person, probably one of their own. How nice it must be to live in such a wonderful community of thoughtful people.

SILOS, Continued from Page 4

With the decline of small dairy and cattle operations many of these silent sentinels stand alone and unused. A few have been re-purposed for such things as storage for mulch, but most of the silos with a new look on life are being used as landmarks and advertising.

And so goes another saga of American agriculture. Even the story of silos tells the story of experimentation, progress, and vast changes in the scenery around us.

This article was edited and reprinted from The Barn Consultant Newsletter by Charles W. Whitney with permission of Pamela Whitney Gray.

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Photo by Tom O'Grady

The Metzger barns serve double duty as museums of agricultural history. Artifacts were labeled and displayed in each of the barns on this century farm dating to 1832. For such loving care of the infrastructure of their agricultural heritage, the Metzger Family was awarded the Barn of the Year Award for Stewardship.



Photo by Pamela Whitney Gray

FOB Vice President, Dan Troth (left) and President, Ric Beck (right) flank Shari, Ashley, and Jeff Bailey as they receive the Barn of the Year Award for Adaptive Re-Use. The Bailey Farm, in Geauga County, has been put into service to support a landscaping and nursery business.



Photo by Pamela Whitney Gray

VP Troth and President Beck flank Paul, David and Linda Spahr, winners of the Barn of the Year Award for Agricultural Use.



Photo by Pamela Whitney Gray

Two new lifetime members of FOB are Bruce Riddle and Rex Mc-Conahay flanked on the left by Dan Troth and the right by Ric Beck. Two other new lifetime members are Noah Miller and Toby Forte who were not present to receive their award.

Barn of the Year Winners

Each year Friends of Ohio Barns awards three barn owners for their efforts on behalf of Ohio's barn heritage. An award is presented in the case of a barn still in agricultural use that has been well cared for. If it is still in use for agricultural purposes it needs to be cared for properly, but alas, many are not. It is always reassuring to see a good barn still in service to the farming community in spite of all of the technological changes in agriculture over the last century.

An award is presented in the case of Adaptive Re-Use of an old barn. Creative Ohioans continue to come up with new uses for old barns. The best way to keep Ohio's barns standing in our

landscape is to use them. Our Adaptive Re-Use Award winners set a good example in this regard.

Then there are the barns that may only be used for storage. Sometimes the things that are being stored are not of great value and have been, moved into the barn to get them out of the way. In other cases, the items stored are very valuable. We have seen vintage cars or tractors, old albums and comic books, furniture, lumber and old farm implements, antiques and other heirlooms representing parts of Ohio's rich heritage. These barns are simply kept tight to protect their contents, and for this FOB presents a Stewardship Award.

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2016 Barn Conference and Tour Take Participants to Butler County

Historical Collections of Ohio is a work of history published in one volume in 1847 by Henry Howe (1816–1893). Howe had spent more than a year traveling across the state of Ohio making sketches, interviewing people, and collecting data. He wrote about each county and nearly every community existing at the time.

Howe began his lengthy discussion about the south western Ohio county named after Revolutionary War General Richard Butler who died in battle against Native American Tribes in 1791 while serving with Arthur St. Clair, thus:

"Butler County has been termed "THE GARDEN OF OHIO." It is within the blue limestone formation and is one of the richest in the State. The Great Miami, river runs through it. This valley here averages a breadth of twelve miles, and the soil of its bottom lauds are of a deep black and famed for their immense crops of corn, while the uplands are equally well adapted to wheat and barley. The county is traversed by so many small streams that over 1,000 bridges are in use. The uplands are beautifully undulating, forming charming scenes of



Sketch of Conrad Windisch residence and high style barn in Fairfield Township of Butler County from the Combination Atlas Map of Butler County Ohio 1875.

pastoral beauty. A large proportion of its population is of German descent."

More than 150 years later, barn tour participants can get a look for themselves.

The Great Miami River traverses the glacial till of Butler County. Straddling the Congress Lands and the Symmes Purchase sections of Ohio's early subdivisions we will see how that influenced the settlement and the barns we find dotting the landscape. Indeed, the majority of settlers in Butler County, according to the 1850 census, were from Germany and

Pennsylvania. The second largest influence was from Ireland. The next was from the south. Although many settlers came from New England states, the influence was relatively minor. Barns should exhibit many characteristics of the Pennsylvania Germans and those from the south. We may see Barns of German influence, some of the southern style and a few New England barns. Or, we may see hybrid barns in western Ohio.

Better sign up for the 2016 Barn Tour and Conference and find out.

2015 travel schedule for Kids mini-barn and included FOB display

It appears that the traveling Kid's Mini-Barn, Table top model and included FOB display are in for another busy year. Listed below are the times and locations for the presently scheduled seven events. The first four are at new locations and the last three at old familiar ones. All except one will include the full complement of Kid's mini barn raising, Hands on table top Penna. Barn model, and our FOB display w/assorted shirts and hats for sale, most sporting our new logo. Our trip, to the Carrollton tree farm, will be inside a large tent amongst other displays and will not involve the Kids mini raising setup.

To date the mini barn has been raised 155 times and remains as solid as ever. It did get a new set of pegs a few years ago as the corresponding holes began to wear a bit. 67 new 5/8" octagon white oak pegs about .014 larger in dia. did the trick. The structure was built to "Mill rule" utiliz-

Date	Time	Venue	Location
9/5	10-4	Richwood Independent Fair	Richwood, Oh.
9/19	9-2	Ohio Tree Farm of the Year	Scio, Oh.
9/20	10-4	Cedar Valley Settlers Celebration Rocky River Nature Ctr.	Cleveland, Oh.
9/26, 9/27	9-4	Malabar Farm Festival	Mansfield, Oh.
10/9,10/11	9-5	Algonquin Mill Fall Festival	Carrollton, Oh.

ing light weight commercially available lumber. However, a year or so ago, an interchangeable "Square rule" hewn oak corner post was incorporated into the raising process. Just before raising the last bent, the kids are instructed to remove the normal corner post that they had installed and replace it with the heavy rough oak one. It clearly demonstrates the two different timber framing techniques to kids and spectators alike.

Please volunteer to help at any of these events. The more folks that help, the more fun and relaxed the occasion. We also take along a boring machine and various timber framing tools that we can break out and add to the regular activities, if and when there are enough volunteers.

To help at any of these places please contact me at the following: pknoebel@gmail.com, 330-715-7422 (c), 330-882-5027 (h).

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The Old Gray Barn

You stand alone
Weathered and torn
Overgrown by weeds and thorns
There is something about you
That I cannot explainA mystique that draws me in
As I sit and gaze upon you
You give me a sense of belonging
In a world without understanding
You are the one constant in my life
That gives me peace and not strife
You're more to me than just the
Gray old barn

— Jan Cannon

Please recycle this newsletter. Share it with a friend. Printed on recycled paper, of course.

