

Newsletter

Volume 2, No. 1

June, 1997

www.NJBlacksmiths.org

June Membership Meeting: Anvil Repair Workshop

As promised, NJBA will hold an anvil repair workshop at the forge Marshall Bienstock on June 22, beginning about 10 am. We will be repairing anvils in a production line setup with prep, preheating, welding, and grinding stages set up around the facility. The heart of the operation is Marshall's MIG welder. (Marshall is doing the welding).

At present, only two anvils have been offered for repair, but we are willing to have a go at more. The most likely candidates are those with beat up edges & corners, but not needing significant metal added to the face. If you have an anvil you'd like repaired, please contact Pete Engle at (908) 219-6560, or Marshall Bienstock at (908) 780-0871.

We expect the charge to be about \$50 for a 100-150 lb. anvil, but we will probably charge by the pound of material added. Please understand that we cannot accurately predict prices until the workshop. Please come dressed for work.

July Membership Meeting:

The July 19th NJBA meeting will be at the forge of David Macauley. His forge is located on the property of his friend Scott Sayer, in Jackson. The Sayers live on Farmingdale Road which is directly across Rt. 9 from Georgia Tavern Rd.

Please bring lunch. We will provide donuts and drinks (soda, ice tea, water). Come dressed for work (goggles mandatory, ear plugs recommended). David intends to have three forges going. Provided the weather holds, we will set portable forges up outside the shop as well. The main part of demonstration will be to finish the wrench for LaTourette Mill. We might also finish the bails if we have enough participants.

To get to David's forge, take I-195 to exit 22, "Jackson Mills/Georgia". If you are traveling west, exit to the right (north) onto Jackson Mills Rd. If traveling East, exit to the left. Travel about one mile on Jackson Mills road until you reach the intersection with one road (Ely Harmony Rd.) to the left and two (Ely Harmony and Farmingdale Rds.) to the right. There is a strip mall at this intersection. Take the second right, onto Farmingdale Road. Go under the big power lines, the Sayer's residence (where David's forge is) is the second house on the right past the power lines: 825 Farmingdale Rd. The Sayer's phone number is: (908) 370-9642.

Report on the April Meeting

The meeting got underway, albeit rather slowly, at 9:00 am sharp on Sunday, April 20. NJBA members and the general public continued to drag themselves on in until we

had a rather respectable crowd (in size, not necessarily demeanor) by noon. Many thanks are due to Historic Allaire Village for hosting the event, and to Bill Ker (both Allaire Village Blacksmith Guildmaster & NJBA Board member) for providing liaison and keeping the public entertained.

A short business meeting was held at noon during which we recapped the main events from our first year in existence and encouraged everyone to attend the voting meeting at Peter's Valley. We also discussed our current lack of board members and invited anyone interested to sign up with a current board member. This is important folks, so step right up and help out.

The main events for the day were fabrication of some of the larger items required for restoration of a the Obediah LaTourette grist mill in Long Valley, New Jersey. Specifically, parts for the millstone crane used to lift the millstones periodically for redressing. One team worked on a large square box wrench for turning the lifting nut, and the other team worked on the bales that lift the stones.

The wrench team (led by Dave Macauley & Andy Vida-Szucs) made substantial progress, considering the size of the stock. They managed to cleanly slit the opening for the box & drift it out to shape and size. Preparation, in the form of custom mandrels & drifts, did pay off this time, and the operations went rather smoothly. Further progress was made on the operation of drawing out the arms of the wrench. Yes, drawing 1"x2" stock by sledge hammer is quite a bit of work. Sure glad we don't do this for a living.

Work on the bales (1/2" x 2" stock), while sometimes more spectacular, did not progress quite as well. The bales require one end to be folded back on itself, lap welded, then punched and drifted through both laps. The other end has an eye formed in it by wrapping around a mandrel, then it, too is welded back on itself. Pete Engle demonstrated the importance of having clean coal to get a good weld. Several times. Several more times. Finally, he gave up. Pete partially redeemed himself this past weekend by building a fire with clean coal and executing these welds flawlessly the first time. Or so he says...of course there were no witnesses willing to vouch for him.... All we know is that there are now examples of what these welds should look like if anyone wants to finish the bales for the project. There has yet to be a demonstration of using our own millstones as mandrels to bend this stock in a 4 foot arc the "hard way." Save the best for last, as usual.

Anyhow, work on the project is progressing well, and finished parts for the mill should not be too far away. More on this subject as we proceed. Many thanks again to those who helped make the event happen, and to those who came to watch and yak. Anyone with suggestions for a future meeting should contact one of the board members so we can schedule it.

- Pete Engle

Report on the May Annual Elections Meeting at Peter's Valley!

Chairman Pete Engle was unable to attend, but had already done a fine job arranging the program with Dan Radven, artist-blacksmith in residence at Peters Valley Craft Education Center. About fifteen people met at the Peters Valley blacksmith shop for the program.



Dan displays a lamp of his own design.

Dan is just back from the Midwest where he has spent 4 months making giant iron vegetables at the Medwedeff forge, on a commission from a John Deere factory. Dan started with a slide show of some of his works (including the giant vegetables). He then took us to his studio where he showed us some of his works, especially a couple recent ones. Back in the shop, he demonstrated how he went from idea to object, often using a cardboard or rubber template to translate from two to three dimensions.

After lunch and the business meeting, Dan continued the program with a demonstration. He began by showing us a square of rubber with a circle cut from one corner (diameter

about half the side of the square). He then started with a roughly two-foot square piece of 11-ga. steel, with a circular cut-out in one corner about one-foot in diameter. He proceeded to



Dan points out design and construction of a table.

The program covered the "fundamentals of design," with Dan as the demonstrator.



Dan refines the shape over the bick.



Not all the work could be done cold.



Dan begins by cold-forming the sheet using an arbor press.

cold-work this using an arbor press. The working end of the press was a rod about 1.5" in diameter and about 4" long, mounted with its axis horizontal. The "die" was two similar rods, also horizontal, welded to a base plate. This tool allowed him to create complex bends without heating the steel. Along the way he used heat to enable rolling an edge for a pleasant effect. His final shape was complex but was seen in a few minutes of "play" with the rubber template.



Dan compares the final form with the rubber template.

New Jersey Blacksmith Association



From left to right: Liz Manzella, Marie Brindley, Eric Cuper, Dan Radven, Bob Holzman, Tim Suter, Grant Clark, Rich Rooney, Phil Kaufman, Larry Brown, Steven Rhoades, Marshall Bienstock, David Macauley

Between the two halves of Dan's program I chaired a business meeting. Most of the members present renewed their memberships, and two people joined. Before the election, I explained the bylaws. We unanimously reelected the four directors (Andy Vida-Szucs, Joe Lyons, Marshall Bienstock and Bill Ker) the board had elected, and elected two new directors, Liz Manzella and Grant Clark

Liz is NJBA's only female member. She has only a little blacksmithing experience, but showed us some nice jewelry she had made of gold, silver and stones. She is a very enthusiastic person who should lend some energy to the board. Grant was one of the five co-conspirators who met, a few years ago, to form the Allaire Village Blacksmith Guild, though he was unable to continue with that effort. Presently he is the (paid) farrier and blacksmith-demonstrator (one day per month) at Longstreet Farm (Monmouth County Parks System). He expressed an interest in the idea of a Longstreet Farm blacksmith guild

Our treasurer, Bill Gerhauser, was minding the shop at Historic Allaire Village, so we were lacking tickets for the iron-in-the hat ("IITH"). The three NJBA directors present opted to hold a sale of the shirts and bandannas, and Marshall auctioned off the donations to the IITH.

Thanks again to Dan Radven for generously inviting the members of NJBA to his shop and studio at Peters Valley.

- Bruce Freeman

1997 NJBA Membership Meetings

If you would like to host one of these membership meeting at your forge, please contact the editor.

Sunday, June 22. (See announcement on page 1.) This is the promised anvil repair workshop, at Marshall Bienstock's forge.

Saturday, July 19. (See announcement on page 1.) Continuation of work on hardware for LaTourette Mill stone crane.

Sunday, August 17. (Location to be determined.)

Saturday, September 20. (Location to be determined.)

Sunday, October 19. (Location to be determined.)

Saturday, November 15. (Location to be determined.)

Sunday, December 21. Holiday Party and Meeting (Location to be determined.)



ABANA '96 T-Shirts

Sorry, but they're all men's size medium. Dark blue with the ABANA/Alfred logo & "Forging toward the Future" on the back, and a smaller logo over the heart (there is no pocket) on the front. A bargain at \$11 each. Or risk waiting until the next meeting and save a buck (postage and handling). Make checks out to Bill Gerhauser (NJBA treasurer) and mail them to Bruce Freeman, 222 Laurel Place, Neptune, NJ 07753. **Offer limited to NJBA members in good standing, so make sure you've renewed your membership!** For your convenience, you may pay your dues (\$15) with the same check, but please note on in the "memo" section that the check is for dues + T-shirt(s).

Iron-in-the-Hat (Auction) Log

Item	Donated by	Purchased by
welder's gloves	Phil Kaufman	Grant Clark
tool steel	Tim Suter	Rich Rooney
"	"	Liz Manzella
"	"	Marshall Bienstock
"	"	Marshall Bienstock
riveter	"	Liz Manzella
files	Marshall Bienstock	David Macauley

Total income from IITH items: \$82. Thanks to all who donated items and to all who bid on these items. In addition to these items, we sold two T-shirts (see above) and ten bandannas, for an additional \$40. We also gained two members at this meeting, and six of the attendees renewed their memberships. Thank you all for your support.



New Sweden Farmstead Museum

NJBA member Steven Rhoades continues to report on the New Sweden Farmstead Museum in Bridgeton, NJ. He may soon become a board member of the organization that runs the museum. He anticipates that the NJBA may be invited to hold a meeting there sometime this year. We'll keep you posted.

New Jersey Blacksmith Association

Calendar of Events

Sat., June 7th. Lawrence, Kansas. June BAM meeting, Walt Hull's shop, Lawrence, Kansas. Call Walt at (913)-842-2954.

Sat.-Sun., June 7-8. Tipton, IN. Indiana Blacksmithing Association, Annual June Conference, Tipton 4-H Fairgrounds. Call Paul Moffett, 317-253-0843, or e-mail Jeff Sallot at jjsall@most.fw.hac.com

Sun. June 22. NJBA anvil repair workshop at the forge of Marshall Bienstock. (See announcement on page 1.)

Sat.-Mon, June 28-30. Vernon, British Columbia, Canada. Caniron 1. First Canadian National Blacksmithing Conference. Historic O'Keefe Ranch. Features: Six professional U.S. and Canadian Demonstrators. Watch a wagon built in three days. For registration forms and more details, contact Derry Cook, P.O. Box 136, 444 Highway 3 East, Erickson, B.C., Canada V0B 1K0. Tel/Fax: 250-428-8462.

Sat., July 19, NJBA meeting at the forge of David Macauley. (See announcement on page 1.)

Sat., July 19, Covington, LA.. Louisiana Metalsmiths' Assn. Call 504-892-1137.

Sat.-Sun. Aug. 2-3,. Doon Heritage Crossroads, R.R. #2 Kitchener, Ontario, Canada. Phone: (519)748-1914; Fax: (519) 748-0009.

Sat.-Sun. Aug. 23-24,. Black Iron Days at Hartwick Pines State Park near Grayling, MI. Bring your own tools and iron. Coal provided. Period dress is encouraged. Contact state park at 517-348-7068 for information and camping.

Sep. 26-28. The Guild of Metalsmiths annual fall conference, Washington County fairgrounds, about 15 miles east of St. Paul, Minnesota. . Contact Dave Mariette at dlmariette@aol.com.

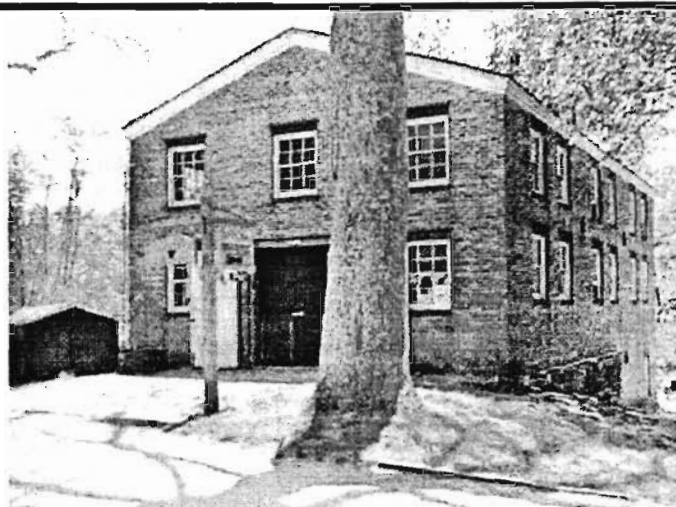
Sep. 26-28. Quad State "97" at Miami County Fair Grounds in Troy, Ohio. Contact Quad State 97, P. O. Box 24308, Huber Heights, OH. 45424-0308

October 4-5, Covington, LA Louisiana Metalsmiths' Assn. "Banging on the Bayou #4." Bogue Falaya Park in downtown Covington. The main demonstrator will be Peter Ross of Colonial Williamsburg. \$20 admission for both days, food & drink available



Check Your Mailing Label

As mentioned in the last edition, the NJBA board voted to make the dues period run from June to June. Check your mailing label on this issue to see whether your dues are due now ("June, 1997") or whether you've been credited with this year's dues ("June, 1998"). Please **make your check payable to "William Gerhauser"** (NJBA Treasurer), and **mail it to Bruce Freeman, 222 Laurel Place, Neptune, NJ 07753.**



The Blacksmith Shop at Historic Allaire Village

Francis Whitaker Blacksmithing Scholarship

A Whitaker scholarship for experienced students will be awarded at the John C. Campbell Folk School. One "tuition only" (\$488) will be awarded for the Fall two week class of Whitaker traditional methods taught by Bob Becker, Oct. 26 - Nov. 8, 1997.

Need of the applicant will be considered and applicants must be above the beginner level. Apply by sending the following items to: John C. Campbell Folk School, Blacksmith Scholarship, One Folk School Road, Brasstown, NC 28902. (Phone: 704-837-2775, 800-FOLK-SCH; FAX: 704-837-8637; <http://www.grove.net/~jccfs/>)

- Name, address, phone number
- Resume' of your blacksmithing experience. Include training, blacksmith classes taken, apprenticeships, blacksmith and related work experience (describe type of work, products, your part of the work, length of time, etc.). Can you forge weld, turn a smooth scroll with hammer and anvil and forge an upset square corner?
- Pictures and description of your present work
- Reason you need scholarship money
- Goals of your blacksmithing career
- Project you propose to make in the class.

Application must be received by September 25, 1997.

Tip: Leveling that Anvil Stump

As he reports in the Louisiana Metalsmiths Association LAMAGRAM, Dave Mudge developed a simple technique to level a stump for mounting an anvil: First make a wooden frame to surround the stump, making sure that its top edges are level and barely higher than the desired height of the stump. Then place a straight board across this frame, just above the stump. Now use a circular saw to cut into the top of the stump. With one depth setting, the result will be parallel cuts which will level the top of the stump. If you want to see Dave's illustrations and complete text, you'll have to find NJBA's copy of the Jan-Mar LAMAGRAM, the May-June Ocmulgee BG Newsletter, or another newsletter that has reprinted the full article.

New Jersey Blacksmith Association

Peters Valley Course Openings

The following summer classes at Peters Valley Craft Education Center still have vacancies, as of May 20. You are encouraged to apply. The following course descriptions are highly abbreviated. Levels are defined as follows:

- **Beginner** - little or no experience in blacksmithing.
- **Intermediate** - prior experience and familiarity with forging techniques and processes
- **Advanced** - suitable experience and proficiency with techniques and processes

(If I read the catalog correctly, the costs are as follows: 3-day courses are \$214; 5-day courses are \$330; 8-day course are \$420. In addition there are lab fees ranging from \$35 to \$55. Room and board is \$110 for 3-day workshops, \$205 for 5-day workshops, and \$355 for 8-day workshop. Don't bank on these prices: Contact the Peters Valley office to be certain. - Ed.)

Contact: Peters Valley Craft Education Center, 19 Kuhn Road, Layton, NJ 07851, phone (201) 948-5200, FAX (201) 948-0011.

6/21-6/23 (3 days), Dale Wedig, "Iron in the Fire"

Traditional tools and methods to shape steel. Generate functional or sculptural designs. **Beginner.** Dale Wedig is professor of art and design at Northern Michigan U., where he heads the metalsmithing and sculpture programs. He maintains his own studio. 3 slots available.

6/28-7/2 (5 days), Hoss Haley, "Forging Three-Dimensional Forms"

Explore the application of a wide variety of techniques for manipulating sheet metal into vessels and objects: Raising, sinking, folding, rolling, etc. Include making tools for the work. **Beginner to Advanced.** Hoss Haley's early career involved welding, forging, and working and studying with Joe Pehoski (TX) and Tom Joyce (Santa Fe, NM). He has operated his own studio for the past seven years. 1 slot available.

7/12-7/14 (3 days), Steve Joslyn, "Leaves, Seeds and Critters"

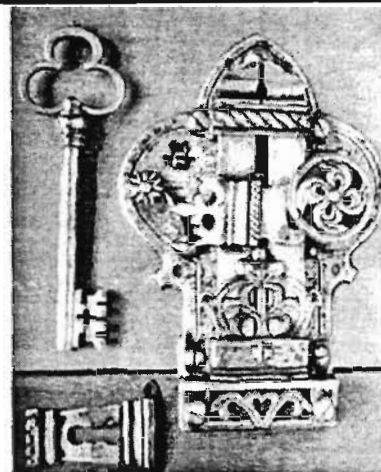
Techniques for producing a variety of flora: oak and maple leaves, acorns and pine cones. Critters with antlers covered too. **Intermediate to Advanced.** Steve Joslyn has a BA in jewelry. He is a self-taught blacksmith for 15 years. He has developed techniques and approaches to metalworking, with emphasis on realistic imagery and clean design. 6 slots available.

7/19-7/21 (3 days), Roberta Elliott, "Mysterles of Blacksmithing Explored"

Participants will learn tapering, twisting, upsetting and forge welding, by means of simple projects. Demonstrations will show advanced uses of these skills. **Beginner.** Roberta Elliot was trained as a farrier before becoming an artist-blacksmith in 1980. She concentrates on functional art for the home and garden and has won many awards for her work. 2 slots available.

7/26-7/30 (5 days), Thomas Latané, "Hardware for Wooden Trunks"

This workshop will cover the forging and decorating of hinges, handles and escutcheons for chests (and locks, if time permits). You will learn to use dies to form ornamental handles, along with piercing and filework techniques to embellish hinges and



Thomas Latané

escutcheons. Students should be competent in forging basic forms so as to allow them to concentrate on decorative details. **Intermediate.** Tom Latané build a backyard forge while in high school. He, his wife, and six year old live in an apartment between their blacksmith shop and tin shop / sales room in Pepin, WI. He specializes in decorative detail executed with traditional hand techniques. 8 slots available.

8/16-8/23 (8 days), David A. Ponsler, "Advanced Architectural Metalworking"

The goal of this longer workshop is to help metalworkers with the myriad of skills needed to successfully complete complicated architectural commissions: Site measuring, design layout, curved stair railings with bronze caps, and the engineering, hinging and corrosion protection of monumental gates. **Intermediate to Advanced.** David A. Ponsler, has produced architectural ironwork and sculpture for over 20 years. 3 slots available.

Opening at Peters Valley

Peters Valley Craft Education Center has a year-round artist-in-residence / program coordinator position available for a professional, self-employed blacksmith. The selected candidate will be expected to start in the early winter of 1977. The average residency is three years. The program coordinator will be responsible for selecting the workshop instructors and managing the studio as well as other educational responsibilities, including outreach programs. The artist-in-residence / program coordinator will have use of a private studio with paid utilities, a house for nominal rent, and reduced cost of meals during the summer workshops. Other benefits include opportunities for paid instruction and demonstration as well as exhibitions and exposure of or through the various educational programs, Peters Valley Craft Store & Gallery, annual craft fair and select invitational shows. Artists live and develop their work in a supportive environment located in the Delaware Water Gap National Recreation Area, 1 1/2 hours west of New York City. Deadline for applications is Sept. 15, 1997.

For further information and application material, contact: Peters Valley Craft Education Center, Blacksmithing Residency, 19 Kuhn Road, Layton, NJ 07851, (201) 948-5200; FAX (201) 948-0011.

New Jersey Blacksmith Association



Andy Vida-Szucs and David Macauley
in the Blacksmith Shop at Historic Allaire Village

New Members/Updated Listings

Grant Clark (New member)

P.O. Box 158 (Millstone Rd), Perrineville, NJ 08535
H: 908-446-2638

John Folk (New address)

P.O. Box 143, Old Bethpage, NY 11804
516-474-3109

Robert Holzman (Correction to spelling of last name)

9 Jodi Lane, New City, NY 10956

Rich Rooney (New member)

9143 88 St.
Woodhaven, NY 11321



Bill Ker, Allaire Village Blacksmith Guildmaster, and
NJBA director: A man out standing in his field.

NJBA Directors

Marshall Bienstock (director until June 1999)

663 Casino Dr., Howell, NJ 07731
H: 908-780-0871

Grant Clark (director until June 1999)

P.O. Box 158 (Millstone Rd), Perrineville, NJ 08535
H: 908-446-2638

Pete Engle (director until June 1998)

47 Center St., Rumson, NJ 07760
H: 908-219-6560; pgenle@aol.com

Bruce Freeman (director until June 1998)

222 Laurel Place, Neptune, NJ 07753
H: 908-922-8408; W: 609-716-2827
freeman@monmouth.com, freemanb@pt.cyanamid.com

Bill Gerhauser (director until June 1998)

415 Hutchinson St., Hamilton, NJ 08610
H: 609-394-1817 FAX: 609-394-7283

Bill Ker (director until June 1999)

Box 14, Allenwood, NJ 08720
H: 908-223-4188

Joe Lyons (director until June 1998)

15 Sunrise Rd., Old Bridge, NJ 08857
H: 908-238-9131

David Macauley (director until June 1998)

4 Patricia Ct., Howell, NJ 07731
H: 908-206-1568; W: 908-949-8422
drm@anchor.ho.att.com

Elizabeth Manzella (director until June 1999)

1 Powelson Drive, Belle Mead, NJ 08502
H: 908-359-1684, lizmanz@aol.com

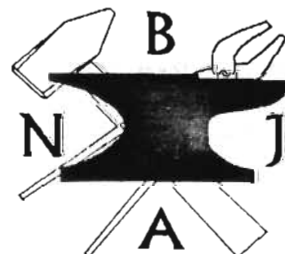
Andy Vida-Szucs (director until June 1999)

13 Old Monmouth Rd., Freehold, NJ 07728
H: 908-308-9039; osan@netlabs.net

Bruce Freeman, editor

Thanks from LaTourette Mill redirected to Stefan Gaitanaru

Caryl Brackenridge, president of the Washington Township Land Trust, has written to thank us for the nut we had made for their millstone crane. These thanks we now must redirect to Stefan Gaitanaru, owner of S.G. Quality Machine Works, of Essex Fells, NJ. It was through his generosity and the efforts of him and his employees that this nut was made. The nut has, appropriately, been so marked, but it was not in the hands of the Land Trust when Caryl wrote the above thanks -- we had to retain it for use in our practice sessions making the wrench. (See report on April membership meeting.)



New Jersey Blacksmith Association

Blacksmithing Classes in Westminster, Maryland

Below is the 1997 schedule of blacksmith classes at the Carroll County Farm Museum. Presented by the Blacksmith Guild of Central Maryland, Inc. The school is located on the grounds of the Carroll County Farm Museum, 500 S. Center St., Westminster, MD. Westminster is about 35 miles northwest of Baltimore MD. (A list of motels appears at the end of this page.) The school has 5 coal forges with electric blowers. Most classes will be run with 2 students per forge. You will need to **bring a bag lunch** (beverages will be provided) and **bring safety glasses**. All other equipment and materials will be provided. However if you have a favorite hammer, ear protection, or other appropriate tools you are welcome to bring them. **Safety glasses must be worn in the forge area during all classes.**

Currently all classes are scheduled from **8 am to 4 pm on Saturday and Sunday**. The cost for a two-day weekend class is \$80. (Please **make checks payable to the Carroll County Farm Museum** not to BGCM.) To enroll in a class call the Farm Museum at (410) 848-7775 or toll free 1-800-654-4645. **Important:** A student is not formally registered in a class until the Farm Museum receives the course fee. In other words, the first 10 checks to arrive determines who gets into the class. Just having your name on the list does not guarantee a place in the class. The Blacksmith Guild of Central Maryland reserves the right to cancel any class if circumstances warrant. There must be at least 7 students registered to take the class in order for a class to be held.

Levels of Instruction

- **Level 1 (Beginner)** The student needs no previous knowledge in blacksmithing.
- **Level 2 (Beginner to Journeyman)** The student should have completed a beginner's course or received a comparable amount of instruction and/or experience.
- **Level 3 (Journeyman to advanced)** The student should have comparable education and/or experience in blacksmithing to carry a project from conception through design layout and fabrication to completion with a minimum of instructor interjections.

Instructors

Albin Drzewianowski Albin has been teaching the Beginners Class for BGCM for the last 3 years, originally at his home forge and now at the Blacksmith school on the grounds of the Carroll County Farm Museum. In addition to teaching the class he has been the Editor of the BGCM Newsletter for the past 6 years.

Nick Vincent (Information not available).

Ken Zastrow Engineer, retired from Army Research Laboratory in 1994. Blacksmithing for past seven years. Demonstrates at public events several times a year. Makes own tools for forging of decorative household items. Trained in Francis Whitaker traditional techniques with Clay Spencer at John C. Campbell Folk School and with Francis Whitaker at the Colorado Rocky Mountain School. Demonstrated forge welding and other traditional techniques to Blacksmiths' Guild of the Potomac.

Classes

July 12 & 13 (Level 2) Forge Welding The student will learn the method of forge welding, the various styles of welding and how to apply them to different projects in the class.

Instructor: Ken Zastrow

July 26 & 27 (Level 3) Making Chisels & Punches. Learn to Temper High Carbon Steel The student will make several chisels and punches and then harden or temper them according to their intended use. **Instructor:** Ken Zastrow

August 9 & 10 (Level 1) Beginners Class The student will learn how to start and control a fire in a coal forge, hammer control, using the anvil to draw out, bend, twist, and upset steel. Throughout the class, emphasis will be on safety and hammer control. Discussions will include where to acquire tools, steel and literature for the blacksmith of today. The student will make several items to take home from the class.

Instructor: Albin Drzewianowski

August 23 & 24 (Level 2) Making Bending Jigs & Scroll Jigs The student will learn to design and make jigs to assist in production work. **Instructor:** Nick Vincent

Sept. 13 & 14 (Level 2) Making Nail Headers, Nails, Bolts & Rivets The student will make a nail header and a rivet header for making both items as needed for production. He will also learn to make bolt heads and form the threads for bolts and nuts. **Instructor:** to be determined

Sept. 27 & 28 (Level 2) Making Tongs The student will learn to make tongs and to modify existing tongs for special job requirements. **Instructor:** to be determined

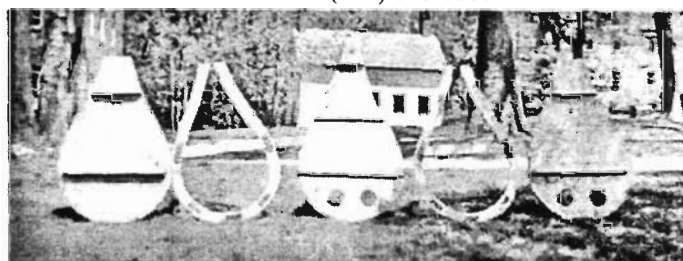
Oct 25 & 26 (Level 1) Beginners Class (See class description above, Aug. 9 & 10.) **Instructor:** Albin Drzewianowski

Nov. 8 & 9 (Level 2) Making Christmas Items The student will learn to make seasonal items such as mantel hooks, candy canes, candle holders, and Christmas tree ornaments. **Instructor:** to be determined

Nov. 22 & 23 (Level 2) Making Garden Equipment The student will learn to make plant holders, beverage holders, hose hangers and other items useful in the yard or garden. **Instructor:** To Be Determined.

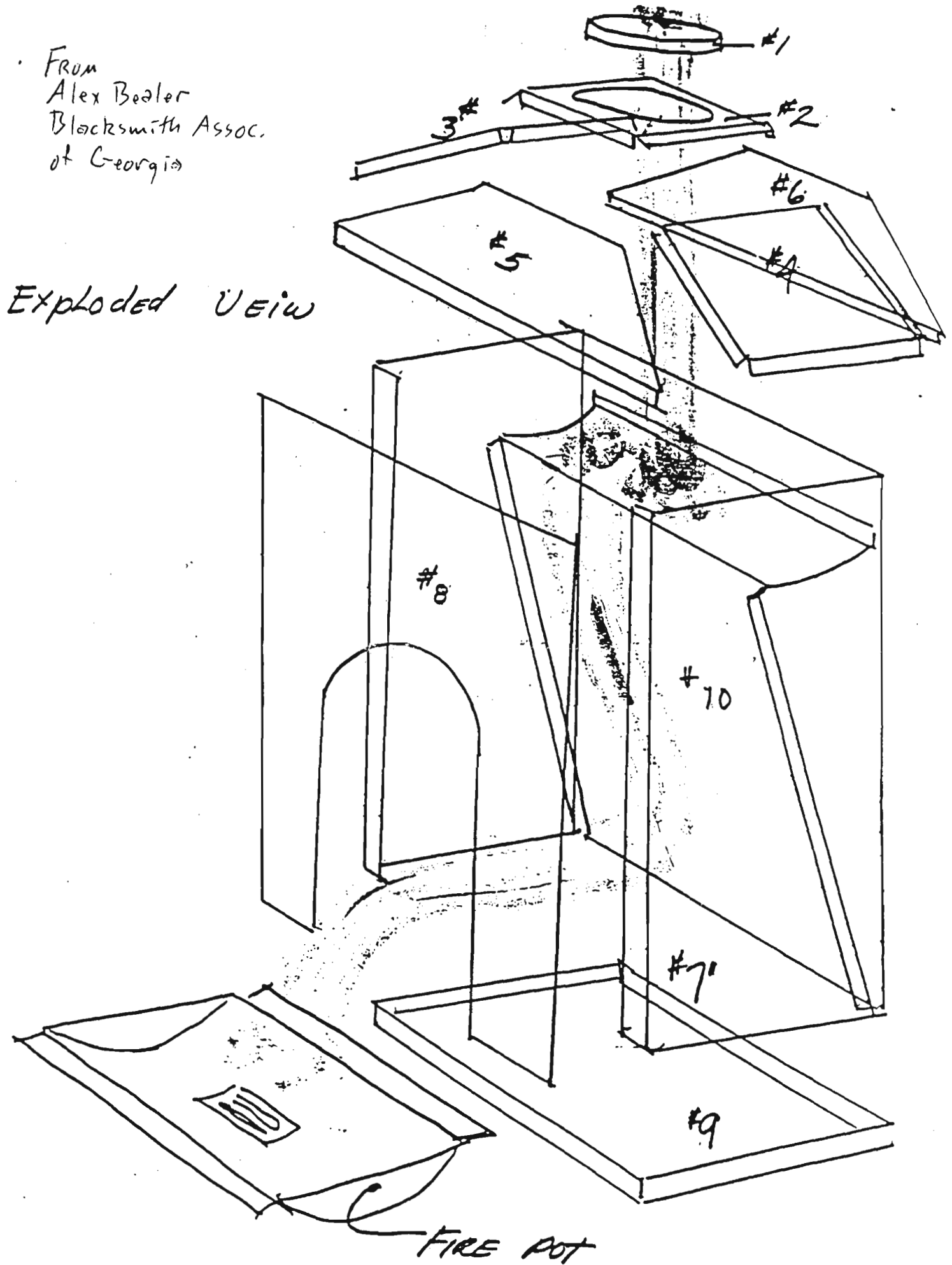
Motels in the Westminster Area

- **Boston Inn**, Rt. 140, Westminster (410)848-9095
- **Comfort Inn**, near Western MD College, Westminster (410) 857-1900
- **Days Inn**, next to Cranberry Mall just off Rt. 140, Westminster (410)857-0500
- **Scenic View Motel**, Finksburg, about 10 miles east of Westminster on Rt. 140. (410) 861-8110.



Parts for a new bellows. Historic Allaire Village.

From
Alex Bealer
Blacksmith Assoc.
of Georgia

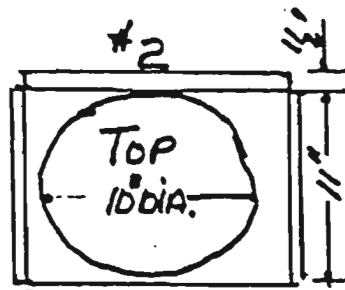


SIDE DRAFT FORGE HOOD

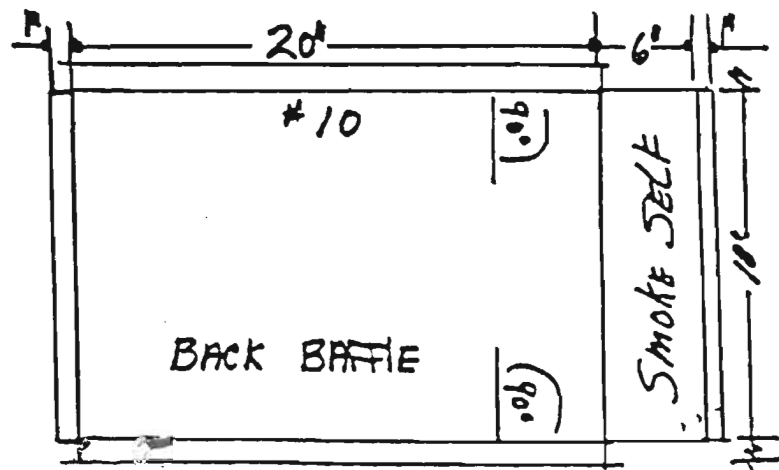
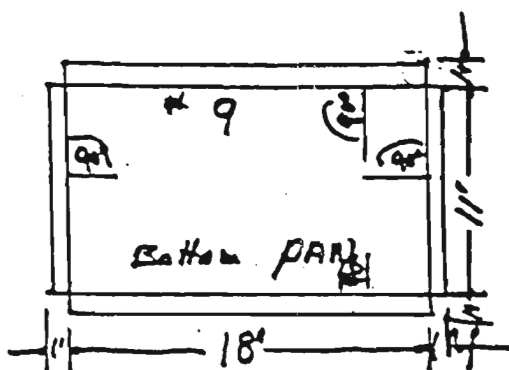
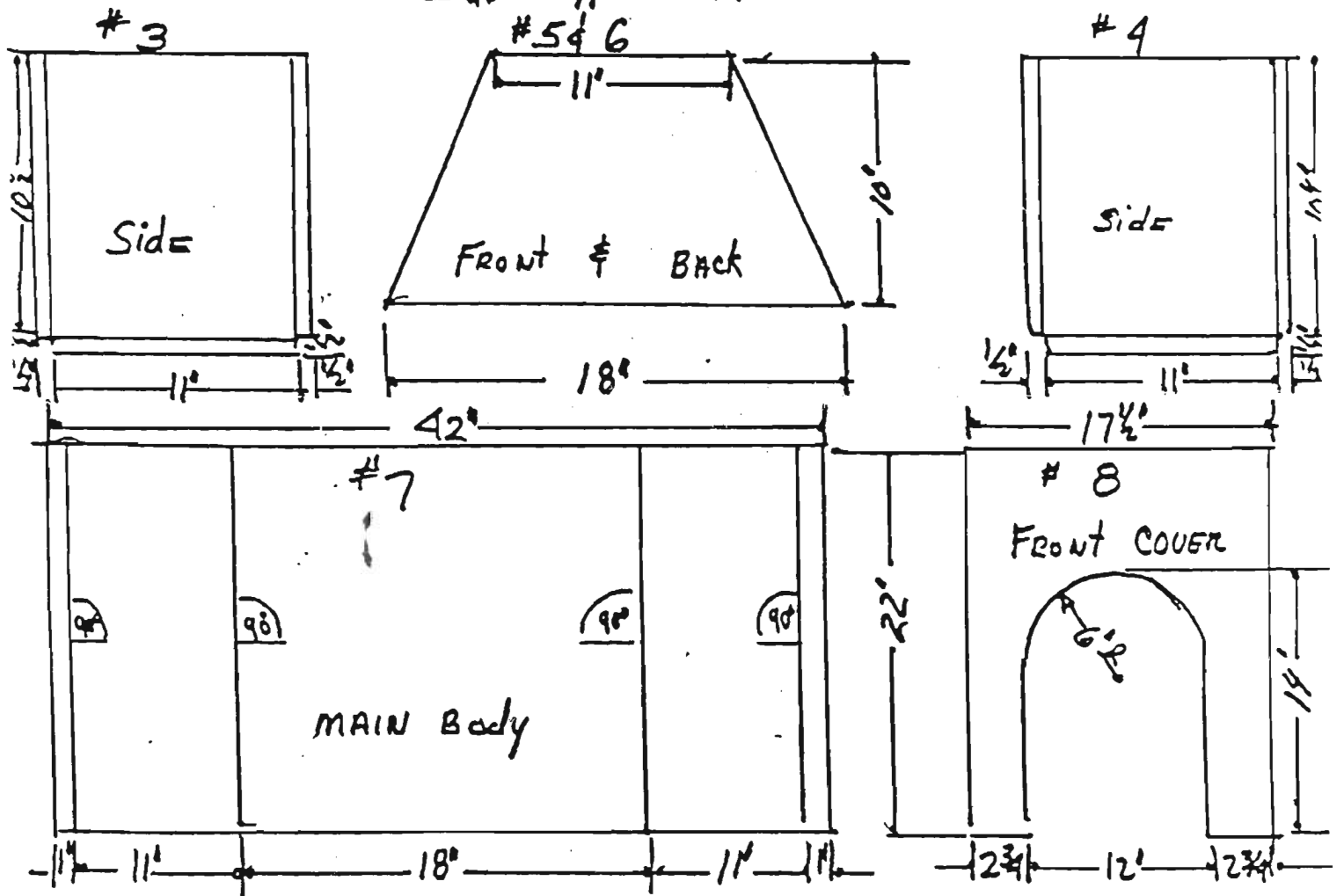
BY BOB TRAUT

ALL METAL

U.S.A. SHEET METAL



#1
 ROLLED TO FORM 10" DIA. RING
 TT = 3.1416 x DIA. = CIRCUMFERENCE





Check Your Mailing Label

Check your mailing label on this issue to see whether your dues are due now ("June, 1997") or whether you've been credited with this year's dues ("June, 1998").

How to Join the NJBA

NJBA dues are \$15 per year. Please make out your check to William Gerhauser (NJBA Treasurer). Note on the "memo" line that the check is for NJBA dues. Please mail checks to Bruce Freemanm (NJBA membership), 222 Laurel Place, Neptune, NJ 07753, along with your completed membership form. You will receive the most recent newsletter as an acknowledgement of your membership. Annual dues are due on June 1. Persons joining after April 1 will not owe renewal dues for fourteen months.

(This information will be listed in a roster available to other members, unless you request otherwise.)

Name _____ Home Phone _____

Address, City, State, Zip _____

New Jersey Blacksmith Association

Newsletter

222 Laurel Place
Neptune, NJ 07753

Larry Brown
Dues payable June 1998
90 William Ave.
Staten Island, NY 10308

