concerns of the hearth
FIREPLACE INSERTS
CRAFTING BOLECTION MOULDING
ASBESTOS ADVICE

ALSO INSIDE:
Palladian Windows
STRIPPING WALLPAPER

$4.95 US
$5.95 CANADA
TO THOSE OTHER PALM GRIPS CLAIMING TO HAVE A LOT OF POWER, 
WE HAVE A REPLY: EAT DUST.

Harness the fury of the most powerful random orbit palm grip in the industry.

Integral dampering system regulates pad speed and helps prevent accidental workpiece damage.

This one tool lets you sand dowels flush quickly and finish cross grain and large panels flawlessly.

Introducing The Bosch 1295 series of random orbit palm grip sanders. Three different models all packed with plenty of extra muscle. You could say the playing field for other palm grips just became very uneven.

BOSCH ENGINEERED FOR PERFORMANCE™
CLASSIC ARROYO STYLE

TIMELESS BEAUTY • UNCOMPROMISING QUALITY

Table Lamps
Floor Lamps
Wall Mounts
Ceiling Mounts
Chandeliers
Sconces
Column Mounts
Post Mounts
Pendants

For Information on our catalog or a showroom near you, please call 888 - 2ARROYO [888 - 227 - 7696]

4509 Little John Street, Baldwin Park, California 91706 • 626 - 960 - 9411 • Fax 626 - 960 - 9521

All products are manufactured in the USA.
SCHWERD'S
Quality Wood Columns
since 1860

A.F. Schwerd Manufacturing Co. has been producing wood columns and pilasters for over 135 years. The wood is thoroughly seasoned pine for exterior use; additional lumber species available for interior. Production begins with a minimum 2" shaft wall thickness using solid piece lumber (no finger joints) resulting in a quality, durable column. Columns are available in diameters from 4" to 50" and in the length required for your specific installation up to 35'. To assist in your restoration projects, we can manufacture columns to match your existing design. Capitals, shafts, bases and plinths can be purchased separately.

No. 140 Scamozzi
No. 150 Roman Corinthian
No. 142 Greek Ionic

Our ornamental capitals are made of a hard, durable composition suitable to withstand the elements. Additional styles are available.

#130 ATTIC BASE

Our complete aluminum bases are manufactured of thick metal and are recommended for exterior columns for a seamless base that will last a lifetime. The aluminum plinths are ventilated for air circulation through the column shaft. Complete aluminum bases are available in three architecturally-correct styles for even diameter columns from 8" to 30".

Call or write for our free catalog

A.F. SCHWERD MANUFACTURING COMPANY
3215 McClure Avenue, Dept. OHJ • Pittsburgh, PA 15212
Telephone: (412) 766-6322 • Fax: (412) 766-2262
Can't decide which router to buy?

Porter-Cable answers the oldest question in routing by introducing the 693PK, the only kit that gives you two routers in one. Each 693PK comes with Porter-Cable's 1-1/2 HP, 10 Amp router motor, long recognized as the standard of the industry. Also included is our machined-aluminum fixed router base and smooth-as-silk plunge router base. So now, with just one purchase, you get the versatility of owning the two most popular types of routers. You also get our 1/4" and 1/2" collets thrown into the deal, and a heavy-duty plastic carrying case with room for everything including your own 1/4" and 1/2" bits. So cover all your bases and visit your Porter-Cable retailer now. Because this limited time offer will disappear fast. Or call us at 1-800-487-8665 (519-836-2840 in Canada), for the dealer nearest you.

PORTER-CABLE
Professional Power Tools Since 1906
http://www.porter-cable.com

Porter-Cable is proud to be a co-underwriter of The New Yankee Workshop on public television.
Wood Restoration System

The New Standards To Restore & Replace Wood

Specified by the U.S. Government, national restoration centers, museums, architects, contractors and other professionals, Abatron's restoration materials handle virtually any wood repair problem. Results are guaranteed by years of incredible performance and our service.

LiquidWood®

Deep penetrating wood consolidant. High-strength and strong adhesion, clear, transparent, low viscosity. Regenerates and waterproofs wood by hardening after penetrating. Can be brushed or poured on. Ideal for rotted windowsills and frames, columns, doors, furniture, sculptures structural and decorative components of any size in/outdoors.

WoodEpox®

The most versatile, STRUCTURAL & decorative wood substitute & no–shrink adhesive putty used in any thickness to replace, repair, extend or fill wood and other materials in structures, frames, furniture, boats, components, sculptures, in/outdoors. Can be sanded, nailed, planed, stained, painted. Often stronger than the original, unaffected by water, weather and termites. A NEW STANDARD IN WOOD RESTORATION.

Abatron's Wood Restoration Kit contains LiquidWood A (resin) and B (hardener), WoodEpox A and B, and Abosolv solvent. Available in 5 pint, 5 quart, and 5 gallon sizes.

1-800-445-1754
414-653-2000
FAX 414-653-2019

http://www.abatron.com

ABATRON, INC.

5501 95th Ave., Dept. OH, Kenosha, WI 53144 USA
Since 1959, manufacturers of: Structural adhesives and sealants Protective and waterproof coatings -- Seamless floors -- GROUTS for pitted and spalled surfaces Terrazzo systems -- Expansion joints -- Anchoring grouts for posts, precast and structures Underwater patching compounds -- Resins for fiberglass and composites Caulks -- Crack injection resins
# Table of Contents

**Vol. XXV, No. 6**

20 **Reading the Old House**

Craftsman, or Bungalow?
Is there a difference between these two Arts & Crafts types?
BY JAMES C. MASSEY AND SHIRLEY MAXWELL

30 **Style**

Timeless Palladian
Palladio's classic window has found favor with architects for 400 years.
BY NEAL VOGEL

36 **Basics**

Stripping Wallpaper
Peeling away the layers is well worth the trouble.
BY JENNIE L. PHIPPS

40 **Techniques**

Bolection Perfection
Deep-relief mouldings that bridge two surfaces of different levels.
BY GORDON BOCK

44 **Know-How**

The Virtual Hearth
Finding the right fireplace insert for a historic hearth.
BY MARY ELLEN POLSON

50 **Stewardship**

Asbestos
Identifying and minimizing a potential hazard in your house.
BY JOHN A. BARRON

54 **Old-House Living**

A House Divided
Removing partitions gave a New Brunswick couple breathing room.
BY LOUISE FRASER

59 **Good Books**

Period Inspired
Affordable books to help with your kitchen and bath.
BY PATRICIA POORE

95 **1997 Annual Index**

ON THE COVER: Snug and compact, this 18th-century colonial Cape near Alna, Maine, was cobbled together from three derelict period houses. Classic details include the massive central chimney and deep, caveless roof.
COVER PHOTO BY BRIAN VANDEN BRINK

---

8 **Editor's Page**

10 **Mailbox**

14 **Ask Ohj**

18 **Restorer's Notebook**

27 **Fine Fittings**

64 **Restoration Products**

66 **Historic House Plans**

73 **Emporium**

Catalogs, Products & Services, Sale/Trade, Real Estate, Events

73 **Classifieds**

80 **Restoration Services**

84 **Products Network**

94 **Advertisers' Index**

98 **Remuddling**

100 **Vernacular Houses**
You'd Better Shop Around

For me, one of the joys of putting this issue together was the opportunity to do a little shopping. I'm not referring to a trip to the mall. I'm talking about visiting a woodworking shop and getting to be around shop equipment again.

For several years now, Hap Shepherd at Maurer & Shepherd has extended an invitation to see their architectural millworks business in Connecticut. So one oaky-warm day this past August I took him up on it. There, in a rambling brick mill building—a warren of buzzing woodshops, making everything from furniture to pool decks—I learned a batch of nifty techniques in a tightly run operation. The result is the article on Bolection Mouldings that begins on page 42.

Though I'm fond of saying I hail from a long line of country carpenters, the truth is I'm no stranger to shops and shopwork in many industries. I've spent time in factories and shipyards that were around in the Spanish-American War, and I've been in state-of-the-art woodshops and electronics plants, on this continent and in Europe. When it comes to accuracy and ease of production (not to forget safety) there's no comparison. The rattle and slap of ancient iron equipment driven by jackshafts and belts is only appealing if you see it in a photograph. Lofts with sawdust an inch thick on the roof purlins, wooden door bolts handmade to kill time during slow days—these places are gone because they were inefficient and dangerous.

Sure, I'm a bit of a romantic—anyone who gets smitten by old houses has to be! I'm also the first to admit I'm a tool nut. First I buy a tool, then I conjure up a project on which to use it. My basement is a foundling home for saws and drills orphaned by former owners, as well as the latest cordless drill or accessory for a table saw.

My prize "power tool" is a foot-operated J.W. Barnes scroll saw that I am restoring. Made in the 1890s, it was one of several devices marketed to help the small shop of one or two men keep up with the large steam-powered factories that were out-producing them at the time. The same manufacturer who made my scroll saw also made a shaper and a table saw. For a while the idea caught on, and competitors came out with their own knock-offs—even a mortising machine for making pockets in doors and window joints.

To run my scroll saw, you pump a treadle with your foot like a sewing machine. Another "velocipede" model was peddled from a seat like a tricycle. Needless to say, it took a bit of coordination as well as muscle to get the work done. Either version however was small and light enough to be trucked to the job site for making house parts such as decorative barge-boards or porch balusters. In this way, these tools were the direct ancestors of today's portable table saw.

Ultimately, the foot-powered scroll saw and its cousins became obsolete. The electric motor, which was common after 1900, made other kinds of equipment more powerful and portable. They were also more versatile. When I get my scroll saw done, it will be a hobby tool I run once in a while. Real work I save for my table saw or sabre saw. You don't need lots of equipment in a shop, especially a home shop. Just good equipment.

[Signature]
ON A KITCHEN ISLAND

I SMILED WHEN I SAW THE COVER OF your recent kitchens issue [Sept./Oct. 1997]. I like the design approach, but I realize that it is very much a product of 1990s taste, particularly the island in the foreground. Though the concept of an island is not new, freestanding islands of cabinetry were uncommon historically. Tables were used much more frequently. Be assured that I struggle with the problems of today’s kitchens in historic buildings all the time—including my own!

—DAVID ARBOGAST
Architectural Conservator
Iowa City, Iowa

A forerunner of the modern kitchen island at The Breakers in Newport.

You’ve put your finger on a (literally) central issue for many old-house kitchen owners: islands are undeniably handy and trendy, but are they historically appropriate? A look at the past helps answer the question.

• True, islands were nowhere near as ubiquitous as they are today, but they are well-documented in large or progressive kitchens by the turn of the century. What’s more, large tables or butcher blocks become islands in effect if they never move.

The folks at Traditional Line also wrestled with this compromise in each kitchen in the article. In two projects, islands were eschewed in favor of tables. In the cover kitchen, the island is actually on wheels. Notes author Anthony Lefebre: “Always remember that people have to live and work in these spaces; they are not viewed from behind a velvet rope. The island (which is not fastened to the floor, and can be moved about like a table) added a much-needed work surface as well as a significant amount of storage area.” We’d enjoy hearing how other OHJ readers have solved the island issue. —Ed.

THE KITCHEN SOURCE

SINCE WE’RE IN THE PLANNING stages of a ca. 1903 kitchen project, the September/October OHJ was like a look into the future. We’d love to find a designer for cabinets like those on the cover, or a source for the lazy Suzan on page 35.

—BARBARA AND MIKE SCHULTZ
Green Bay, Wis.

You’re in luck. The folks who designed the cover kitchen are happy to hear from OHJ readers. Contact Francis C. Klein and Associates, Architects, 48 Bloomfield Ave., Montclair, NJ 07042, (201) 783-0688. For many types of cabinet hardware, consult Häfele America, P.O. Box 4000, Archdale, NC 27263, (919) 889-2322. —Ed.

CLIMBING VINES

CONCERNING “VINES FOR TOWN AND Country” [Sept./Oct. 1997], I agree that ivy is beautiful on brick, but I’d rather see it on the outfield wall at Wrigley Field than on my house. We removed Boston ivy from our 1928 home because the vine had a penchant to grow into windows. The ivy did costly damage to storm windows, pulling them from the house and snapping support pegs loose. The tendrils can also work their way beneath roofing shingles and loose eave joints, providing a pathway for leaking water, insects, and squirrels.

—TRACY KALM
Evanston, Ill.

DOUBLE DÉJÀ VU

READING DARLENE MARWITZ’S “Living a Double Life” [Sept./Oct. 1997] was like déjà vu all over again, as Yogi Berra used to say. My wife and I also renovated a classic up-and-down duplex, a 1927 Dutch Colonial Revival. In converting it to a single family house, we turned the second-floor kitchen into a laundry room and the upstairs living room into a master bedroom. The beautiful brick fireplace is a bonus. We enjoy living the double life as much as we enjoy your insightful, intelligent, and inspiring magazine.

—MARK AND COLEEN BOYLES
Decatur, Ga.
NEW!

GREAT STUFF
ALL DIRECTION

Whether you use original GREAT STUFF or new All Direction GREAT STUFF, you're getting the best foam sealant money can buy. GREAT STUFF allows you to dispense foam evenly without gushing or spurting. The Patented Piston Dispensing System of new All Direction GREAT STUFF permits you to dispense foam with the can in any position.

The Best Stuff Money Can Buy

800-800-FOAM (3626)
MORE PLANS, PLEASE
IT WAS GOOD TO SEE THE FLOOR plan along with the picture of the Aladdin "Plaza" ["Mailbox," Sept./ Oct. 1997]. For us, historic appropriateness depends not only on such elements as authentic wood trim restoration and sound period decor, but also emerges from the layout of rooms and corridors. We encourage you to publish more original plans in the future.

—JAMES RACINE
AND GENYA MUZYCZKA
Montclair, N.J.

POINTING TIPS
AT THE HISTORIC CHARLESTON FOUNDATION, we deal with masonry issues like those described in "Repointing Right" [July/Aug. 1997] on a daily basis. It's a shame, but we see historic masonry work patched with ill-matching, contemporary mortar mixes all over Charleston. To counter this lack of understanding, we offer a summer masonry training program that focuses on passing on historic building trades. I've enclosed photos from a recent session.

—SEAN HOULIHAN
Historic Charleston Foundation
Charleston, S.C.

Participants in a masonry workshop perfect the finer points of V-joints.

DUCTLESS AC
I REALLY APPRECIATED "COLD COMFORT," [July/Aug. 1997]. My parents have an 1852 house in Texas and have been wanting to make the move to central air conditioning for a long time. The ductless system seems most appropriate for our situation. It would be a tremendous help if you could point me toward a company well versed in both ductless systems and old homes.

—ELIZA PERKINS
San Francisco, Calif.

I READ "THE ABCS OF AC" [JULY/AUG. 1997] with great interest. My house is air-conditioned with swamp coolers. The "swampers" work just fine until our monsoon season in August and September. I'd like to explore the possibilities of adding a

Sometimes it's hard to put a label on what defines true craftsmanship.

Since 1877, quality-conscious homeowners and professionals have relied on Cabot products to achieve beautiful, long-lasting results. Over a century later, today's craftsmen continue to complement their skills and protect their work with Cabot's comprehensive line of wood care products.
DUCTLESS SYSTEM. CAN YOU SUGGEST SOME SOURCES?

— PAMELA M. YOUNG
Henderson, Nev.

SPLIT BETWEEN A REFRIGERATION UNIT ON THE OUTSIDE OF THE HOUSE AND FAN UNITS ON THE INSIDE, DUCTLESS AIR CONDITIONING SYSTEMS CAN BE A GOOD ALTERNATIVE FOR OLD HOUSES THAT WON’T EASILY ACCOMMODATE WALL DUCTS. THE FAN UNITS ARE CONTEMPORARY IN APPEARANCE, THOUGH. SEVERAL COMPANIES OFFER DUCTLESS COOLING SYSTEMS, AMONG THEM MITSUBISHI ELECTRONICS/HVAC DIVISION (3100 Avalon Ridge Pl., Suite 200, Norcross, GA 30071, 800-433-4522, ext. 3); SANYO Air Conditioning Products (21350 Lassen St., Chatsworth, CA 91311, 818-998-7322); and EMI/Utica (5780 Success Dr., Rome, NY 13440, 315-336-3716). — Ed.

HIP TO ROOFS
I HAVE A HOUSE WITH A HIPPED ROOF, BUT I NEVER KNEW WHAT TO CALL IT UNTIL I SAW THE PICTURES OF FOURSQUARES IN “HIPPED AND PYRAMIDAL ROOFS” [MAY/JUNE 1997]. I FINALLY HAVE A NAME FOR THE STYLE OF MY 1922 HOUSE. I’M CONVINCED THE HOUSE IS STANDING TALLER AND PROUDER SINCE I LEARNED OF ITS HERITAGE.

— SUE BAUST
Southboro, Mass.

MORE ON MEDALLIONS
I ENJOYED “CEILED WITH A KISS” [MARCH/APRIL 1997] AND THE AUTHOR’S FOLLOW-UP PICTURE OF THE COMPLETED ROOM IN THE JUNE ISSUE. I HAVE AN IDENTICAL PLASTER CEILING MEDALLION IN MY MUSIC ROOM. MY BRICK HOUSE, BUILT IN 1864, IS ALSO IN THE ITALIANATE STYLE. IT WAS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES IN MAY. BY THE WAY, I’VE SUBSCRIBED TO OHJ SINCE IT WAS A THREE-HOLE-PUNCHED NEWSLETTER, AND I STILL READ EVERY ISSUE COVER TO COVER.

— DAMIAN T. MACEY
Marshall, Ill.

Sometimes it’s easy.

PREMIUM QUALITY
Cabot Stains
FOR LONG LASTING PROTECTION

Call Cabot for technical support and to order free product samples for your next project. 1-800-US-STAIN ext. 416.
CONTOURED LOGS
The oldest part of our house was built with cedar logs laid up in what we have been told is a Swedish cove technique. Have you ever heard of this method of construction?
—Denise Justice Tustin, Mich.

Contoured to stack snugly, these logs were hewn using a traditional construction technique from Finland and Scandinavia.

THE SCANDINAVIANS AND FINNS WHO settled the Upper Great Lakes region brought along a particularly rugged log-house building technique that some scholars call the Fenno–Scandinavian method. Your house has all the earmarks of this construction style.

The Swedish settler who built the house in the 1890s hewed the logs so that they were convex on the top, concave on the bottom, and flat on the sides. The logs fit snugly on top of each other over their entire length, making for an extremely sturdy, weather-tight structure. The flat surface could easily accommodate wooden lath and plaster. The log ends are dovetailed and each course is secured with wooden pegs.

The logs in your house were probably scored with a two-pronged, iron scriber called a vara. The top log was etched on either side, then gouged out to fit the unhewn top contour of the lower log. Like yours, logs were often chamfered at the bottom edges, creating a V-profile along the point of contact. This would have made them easier to fill with chinking.

HOLD TIGHT
My 1936 home was built with Curtis Silentite windows. While I enjoy changing the screens and storms each season, some of the J-hooked casement fasteners are missing. How can I replace them?
—John Patrick Malone Des Moines, Iowa

THE WOOD CASEMENT FASTENERS you describe hook into a “keeper” on the side of the window frame. The design is probably much older than the third decade of the 20th century.

A WARM BLAST
What can you tell me about the large cast-iron stove in my country house? It’s about 3 ½” high and 2’ in diameter. It seems to be 40 or 50 years old and the words “Warm Morning” are impressed on the top.
—Peter Slade New York, N.Y.

WE ASKED RICHARD “STOVE BLACK” Richardson of Good Time Stove Co., Goshen, Massachusetts (413-268-3677), for help with this question. Your Warm Morning stove was built between the 1930s and the 1950s in Tennessee. Warm Morning was one of the few manufacturers still producing heating stoves in this era. The design is called a “hot blast.” Capable of burning either wood or coal, the stove was equipped with an internal circular air blast that boosted its efficiency. By forcing hot air over the already glowing fire, the burner consumed virtually all the carbon in soft coal, leaving just a trace of ash.

This coal-burning stove may look 1940s, but its design dates to the late 19th century. (The wine is presumably younger.)
Since 1916

Perhaps nothing adds style or beauty to a home like handcrafted, quality hardware. Unfortunately, until recently, there was perhaps nothing harder to find. Now the all new 1996 Crown City Collection catalog brings over 400 pages of top quality restoration and decorative hardware to your doorstep. Combined with our 80 plus years of experience, the new catalog is an unmatched resource for all your hardware needs, no matter what style of home you own. To obtain your copy, send $6.50* to:

Crown City Hardware Co.
1047 N. Allen Ave., Dept. S1171
Pasadena, CA 91104-3298

*Refundable with first purchase. Please allow 6-8 weeks for delivery. For rush delivery, 3-5 weeks, include an additional $5.00.
century, says Peter Weinberger of American Steel Window Service Co. in New York City. Several replacement designs are available. To find the best match, send one of the original fasteners to American Steel Window Service Co., 108 West 17th St., New York, N.Y., 10011, or call (212) 242-8131.

LIME ME
We want to whitewash our concrete block house using a lime-based recipe. Can you help?
—Bill Thomas
Ocala, Fla.

ALTHOUGH WHITEWASH HAS LONG been considered economical, this thin, water-based lime paint is remarkably practical. In earlier times, it was also the coating of choice for all kinds of stonework, where it held up better than oil-based paints.

While you can buy whitewash, the best mixes are made from scratch. Lime is the key ingredient, but the list of binders traditionally thrown into the mix is a long one. Salt, sugar, flour, skim milk, and whiting have all appeared in recipes, while indigo and laundry bluing were added to counteract yellowing.

The following recipe is the best for stone surfaces.

These hard-to-find clips from the 1930s hold a screen or storm sash firmly in place.

- 25 lbs white portland cement
- 25 lbs hydrated lime
- White carpenter's glue (Elmer's brand) to bind
- 8 gallons water, more or less

Combine the cement and lime together dry, then add about 8 gallons of water. Mix thoroughly, adding a dollop of glue per working batch. The result should be a thick slurry; continue to add small amounts of water and mix until the paint is the consistency of heavy cream. Don’t mix more than you can use in a few hours.

To prep the surface, brush away old whitewash scale, dirt, or other loose material and repair any defects. Wet the prepared surface so the whitewash dries gradually, which reduces chalking. Use a wide whitewash or calamine brush equipped with plant-fiber bristles that resist lime. Paint one or more thin, almost translucent coats to achieve the best results. Brush evenly, stirring the paint mixture frequently.

You can get whitewash supplies at any good lumber yard. Whitewash brushes are available from Janovic/Plaza, Inc., 30-35 Thomson Ave., Long Island City, NY 11101, (718) 392-3999.
The ONE SOURCE for all of your RENOVATION and BUILDING needs.

solid brass drawer and door hardware
floor and wall coverings
sinks, tubs, basins
lav sets, kitchen and tub faucets
solid brass lighting
over 2,000 building and renovating essentials

free catalog
1-800-659-0203
Ask for Dept. 2467, or write

RENOMATOR'S
P.O. 2515, Dept. 2467, Conway, NH 03818
PATCHING BY COLOR

LIKE MANY RESTORERS, AFTER patching the cracks, nail holes, and gouges in old plaster I tend to wind up with entire walls of repair spots. After sanding and priming these walls, there always appear a few additional spots that need attention. Trouble is, after patching these with joint or spackling compound, they're hard to distinguish from the primed surface. I have found a solution to this problem: mix a small amount of food coloring into the compound. Use light colors, such as yellow, or a pastel tint of the paint color. The food coloring does not bleed through the paint, and it provides an easy marker to make sure that all areas are properly prepped before painting.

—JAMES H. DEMAREST
Westminster, Md.

POOR MAN'S CLAMPS

WHEN THE BIGGEST CLAMP IN your tool box is 2' too short, or you have only three clamps for a project that requires four, you can improvise with scrap lumber.

1) You can make a reasonably good bar clamp with a 1x4 and a couple of 2x4 blocks. First, cut the 1x4 so it is about 8" longer than the width of the material you plan to clamp together. (Keep the "throat" of the clamp as close to the material width as possible). Next, attach the 2x4 blocks to each end of the 1x4 with one screw in the center (exact dimensions are not critical). Then, place this rig across the items to be clamped. As you force down one of the blocks, the clamp will tighten; friction—or a finishing nail—will keep the clamp closed.

2) More expensive in terms of materials, but more powerful, is a clamp made with two 1x4s screwed to both sides of blocks. Here, pressure is applied by inserting wedges between the blocks and the work.

—JOHN ZALUSKY
Owings, Md.

REACHING NEW CEILINGS

AFTER SEVERAL SOLO CEILING drywall installations, I've implemented a couple of simple ideas to help accomplish the work. First, I always screw a 4' length of 2x4 an inch or so below the ceiling I am finishing (left drawing). This cleat creates a ledge where I can rest the edge of the drywall while I work.

My second method uses four large "buttons" to hold the panel in place as it is installed. First I cut four lengths of 1x1 scrap, 8" or so long, and bore them in the center for a standard drywall screw. Then, I screw the buttons to the ceiling joists with 2½" screws. You have to position them just to one side of where the drywall will go, and leave enough clearance under the button for the ⅛" or ⅛" of drywall. Once the sheet is in position, I simply give the buttons a quarter-turn to hold it in place for installation (right drawing). Then I remove the buttons for reuse on the next sheet.

—CARL E. REIGHLEY II
Pataskala, Ohio

GOODBYE OLD TAR

I HAVE A TIP I DISCOVERED WHILE reroofing our house last year. Instead of using xylene or other petroleum solvents to remove roofing tar and waterproofing mastic from skin, hair, clothes, or boots, I use vegetable oil. If the tar is fresh, rub in a little vegetable oil and it will come right off—enough for further cleanup with soap and water. The oil even removes tar from leather boots.

—DIANE PRZYBELSKI
Maiden Rock, Wis.

SHARE YOUR SOLUTIONS. We'll pay up to $100 for hints we publish. Send shortcuts and problem-solving ideas for other old-house owners to Notebook Editor, Old-House Journal, 2 Main Street, Gloucester, MA 01930.
American Arts & Crafts
Different Takes on a National Phenomenon

CRAFTSMAN—Linked to Gustav Stickley and his magazine The Craftsman, the appellation has been used since the first decade of this century to refer to a simplified, American approach to the English Arts & Crafts movement. Houses were generally, but not always, of wood-frame construction, with a reliance on indigenous or regional materials such as local stone, redwood, stucco, and brick. Craftsman houses tend to emphasize horizontal lines and a relationship with nature. Roofs are rather broad and low-sloped, with exposed rafter ends and deep eaves. There is usually a large front porch.

EASTERN ARTS & CRAFTS—In the eastern United States, Arts & Crafts houses bore strong English influence. Designs were adapted from such British Isles architects as C.F.A. Voysey and M.H. Baillie-Scott. These houses are sophisticated, picturesque, and decorative, with fine craftsmanship in wood, metalwork, and glass. (Later houses often incorporate handmade art tiles from Mercer’s Moravian Tile Works in Pennsylvania). They are most likely to be of masonry, with prominent roofs, multiple gables, and often evidence of Tudor half-timbering. The American architect Wilson Eyre is perhaps the best exponent of this complex current, which was less formulaic, perhaps, than Craftsman.

WEST COAST ARTS & CRAFTS—Representative architects such as California’s Greene and Greene brothers and (in much of his work) Bernard Maybeck emphasized wood construction. West Coast Arts & Crafts is often loosely based on traditional Japanese techniques and aesthetics, or obviously evocative of European chalet forms.

CHICAGO PRAIRIE SCHOOL—Influential especially throughout the Midwest, this is a design vocabulary that arose around Frank Lloyd Wright and his many contemporaries and followers. Prairie School houses play up horizontal lines through the use of flat or hipped roofs, ribbon windows, and prominent belt courses. These houses, generally built of masonry (or stucco over wood frame), also may reflect Japanese influence.

ART NOUVEAU—A sinuous style more popular in France, Scotland, and other parts of Europe, but rarely evidenced in American architecture. The style was widely used, however, in the decorative and graphic arts.

if that’s what we read in its details.

A true Craftsman house, of course, would be one that appeared in The Craftsman magazine, the influential American Arts & Crafts journal published from 1901 until 1916. It was the mouthpiece of Gustav Stickley—the architect, craftsman, furniture purveyor, philosopher, and publisher. The word “craftsman,” used not only by Stickley but also by his competitors and advertisers, has been associated with a style of architecture and furnishing since the earliest years of the 20th century.

The Craftsman style has a strong aesthetic connection to the earth. These houses emphasize the use of natural, preferably indigenous, materials. (In this era, concrete block and Portland-cement stucco were considered natural materials, along with local wood, stone, and clay brick.) Massing is informal and often asymmetrical, with open floor plans that blend living, dining, and reception areas. Integration of house and site was an ultimate philosophical goal, achieved in part by features that merged outdoors and indoors: living and dining porches, sleeping porches, pergolas, terraces, and porte-cochères (later, carports). The roofs of Craftsman houses, most bungalows included, almost always have deep eaves. They may be hipped, front- or side-gabled. In many Craftsman bungalows, the main roof sweeps down over a deep front porch.

GETTING BACK TO THE HALLINANS’ bungalow, yes, it shows Craftsman-style characteristics. (We’ll use a little “b” here. With its large, front-gabled dormer, side-gable roof, and commodious front porch, this house is typical of a very common bungalow type. Like many other bungalow types, it is not, however, among the truest examples of the style of the [continued on page 24]
The Heart of Your Heritage Home.
The Olde Stove Works carries the largest selection of heritage style cookstoves in North America.
Natural Gas ~ Propane ~ Oil Electric ~ Wood ~ Coal

The Olde Stove Works
ESTABLISHED 1983
Phone: (604) 826-5669 Fax: (604) 826-9228
33507 Thompson Ave, Mission, B.C., Canada V2V 2W9
Phone, fax or write for a complete catalogue and price list. Only $7.95

Feast for the Eyes
Tilt-out storage bins.
Apocathery drawers.
Wainscoting panels.
Handsome Shaker styling.
Quality handcrafted workmanship.
A feast for the eyes, all from your friends at Crown Point Cabinetry.

Architectural Antiques
Premier source for salvage items nationwide.
• Doors, windows, stained glass
• Brass lighting fixtures
• Victorian plumbing fixtures & accessories
• Fireplace mantles and accessories
Visit our picturesque Maine oceanfront location, where Yankee value is still important. Select from thousands of quality architectural items.

Architectural Antiquities
Harborside, ME 04642 (207) 326-4938
Call to order video or to receive free brochure

Bradbury & Bradbury
P.O. Box 155-C3 Benicia, Ca. (707) 746-1900 bradbury.com
Hand Printed ART WALLPAPER
Birchwood Frieze from our Arts & Crafts Collection
Adelphi Frieze from our Victorian Collection
Available by Mail Order Complete Catalog: $12.00

CROWN POINT CABINETRY
Period styling.
Handcrafted to the finest quality.

153 Charlestown Road • PO Box 1560 Claremont, NH • 03743
Phone: 800-999-4994 • Fax: 800-370-1218
http://www.crown-point.com

Bradbury & Bradbury
P.O. Box 155-C3 Benicia, Ca. (707) 746-1900 bradbury.com
Beautiful “Heritage Lighting”
four color catalog...$2.00
Over 130 beautiful reproduction lights
Enlarged Photographs--any light--$1.00

American Home Supply
191 Lost Lake Lane
Campbell, CA. 95008
Phone: 408-246-1962

QUESTIONS ABOUT HOUSE STYLE, OR
about the original appearance, derivation,
or details of your house? Send a letter
with a clear, color photo or two. Reading
the Old House, OHJ, 2 Main St.,
Gloucester, MA 01930.

So much architectural history
can be uncovered by reading a
building, even a modest one built
“in the vernacular.” The bungalow
form is our clue to the house’s era,
as are such obvious Arts & Crafts
elements as the wide eaves and
medieval gables. The distinctive
Maltese-Cross cutouts in the
“timbers” are a wonderful flourish.

times, chiefly because it is of ma-
sory rather than wood con-
struction, and has a boxlike sym-
metry.)

Its wide eaves, with paired
rafters punching through for ef-
fect, are typical Craftsman fea-
tures. The half-timbered, wood-
and-stucco gable ends are a com-
mon Craftsman treatment. The
use of rough-cast, pebbled stucco
is also typical of the period.

Congratulations on a house
with good lines and a rich archi-
itectural history.
Breath of Fresh Air

- Handcrafted workmanship.
- Genuine Old Fashioned Milk Paint.
- Old Cupboard doors.
- Early American styling at its finest.
- A breath of fresh air, from your friends at Crown Point Cabinetry.

153 Charlestown Road • PO Box 1560 • Claremont, NH • 03743
Ph: 800-999-4994 • Fax: 800-370-1218
http://www.crown-point.com

CROWN POINT CABI~ETRY
Period styling.
Handcrafted to the finest quality.

NO MATTER HOW WELL YOUR RESTORATION TURNS OUT,

WE CAN TOP IT.

With Capstone®, the newest premium laminated shingle from Elk. Offered in three versatile color blends, Capstone has earned wind resistant and Class "A" fire ratings from Underwriters Laboratories. And we back it with our Umbrella Coverage® — a thirty-year limited warranty.*

Capstone’s mottled color and slate-like impression will lend character to your carefully-restored jewel. And what ordinary shingle can do that? Call your local contractor, call 800-650-0355, or visit our web site at www.elkcorp.com for details.

*Warranties are available upon request or by writing Elk.
ischer & Jirouch has been hand-crafting plaster ornaments by the same methods for nearly 100 years. We use only traditional plaster in replicas of our 1,500 designs from a variety of periods. Architects, tradespeople, and do-it-yourselfers rely on our pieces to enhance their exterior and interior projects. We also offer custom reproduction.

Hand-crafted Fischer & Jirouch ornaments are as easy to work with as wood and authentic throughout. Send for our 144-page catalog ($10 US, $15 Canadian).

No credit cards.
We ship UPS only (no P.O. boxes)
Canadian orders in U.S. dollars  

THE FISCHER & JIROUCH CO.
4821 Superior Ave. • Cleveland, Ohio 44103
Tel. (216) 361-3840    FAX (216) 361-0650
GORGEOUS GEORGIAN A period-perfect re-creation of a Palladian window, with a splayed top sash and pilasters that taper toward the top, glazed with reclaimed antique 8" x 10" glass panes. About $7,000 from Maurer & Shepherd Joyners Inc. The firm can match any historical style, from Adam to Arts & Crafts. Call (860) 633-2383 in Connecticut.

FOR FORMAL DOORS Present the best face to the world with these antique Anglo-Japanese doorknobs, intended for the grandest rooms in the house. Stylized flowers and bamboo are in perfect Aesthetic taste. In cast brass, $58. Call Liz's Antique Hardware in California, (213) 939-4403.

GO DUTCH Tulips have been garden favorites since Vermeer painted them in the 17th century. Check the Netherlands Flower Bulb Information Center's web site at http://www.bulb.com for mail-order suppliers.
CASTLE LIGHTING The serpent soars over the bat in this re-creation of an 1893 fixture (right), symbolizing the triumph of science over witchcraft. In matte antique brass, $895. More reserved but as medieval is the Amity lantern (below), a find for Gothic and Tudor Revival houses. In burnished antique brass, $189. Call Rejuvenation Lamp & Fixture Co. in Oregon, (503) 231-1900.

ROYAL WELCOME Inspired by historic scraps found in English and French mills, Schumacher's Historic International Collection of Wilton carpets includes a design that once graced Buckingham Palace. From top to bottom: Valetta, Ivy, Andover, and Vichy Tapis in fields and borders. To the trade. Call (800) 672-0068 in New York.

FUSION CABINET East meets West with an Arts & Crafts twist in the step *tansu* from Berkeley Mills. Stacked 6' high and 6' deep, each drawer or cabinet "step" is 24" wide. In Honduran mahogany with hand-forged iron hardware, $12,048. Call (510) 549-2854 in California.

PRETTY LEGS A sinuous, splash-catching lip and twin fluted legs distinguish this pedestal sink from Mac the Antique Plumber. One of four sinks from the Majestic Series, it will be available in early 1998 for $495. Call (800) 916-2284 in Sacramento.
Save 20% or More.
During our Fall Sales Event, save 20% on all orders over $300. Save over 50% on select overstocks. Choose from door hardware, cabinet hardware, and matching accessories. Call today for a free copy of our new catalog and Fall Sale Flyer. Hurry! Offer expires 12/15/97.

Nostalgic Warehouse
1-800-522-7336
M-f, 8 a.m. - 5 p.m. Central Time.
Mention ad 97110HJ.
Visit our website at www.nostalgicwarehouse.com

LOOKING FOR “INVISIBLE” STORM WINDOWS? HERE THEY ARE!

Historic Property Owners
Renovation Contractors
Commercial Buildings
You will see the energy savings
Not the Storm Windows
Match Any Color
Match Any Shape
Inside or Outside Mounted
Inside or Outside Removable
Screen and Glass
Fixed- Magnetic- Sliding- Lift Out
Unlimited Possibilities

ALLIED WINDOW, INC.
2724 W. McMicken Avenue
Cincinnati, Ohio 45214
(800) 445-5411 (TOLL- FREE)
(513) 559-1863 (FAX)
“Where custom work is standard”
TIMELESS PALLADIAN

PURE IN ITS CLASSICISM, BOLDLY architectural and generous with light, the Palladian window has been revived and reinterpreted throughout the history of American domestic building. The three-part ensemble—a central window and fanlight flanked by sidelights—can be found on styles from Georgian through contemporary.

During the 18th and 19th centuries, the form was often called a Venetian window. Today’s label is after Andrea Palladio, the seminal 16th-century Italian architect who used the tripartite motif liberally around Venice and Vicenza (more commonly at doorways, however, than in windows). Palladio’s influential treatise The Four Books of Architecture was published in Venice in 1570. Earlier, the triple-window was illustrated in Architectura (1537) by Sebastiano Serlio. (Academics occasionally refer to it as a Serliana window.) Its use in post-classical architecture ultimately derives from the work of Donato Bramante, whom historian Sir Nicholas Pevsner called “the first of the great Renaissance architects.” The window’s basic configuration is ancient, with precedent in the Roman triumphal arch.

American Georgian

TWO HUNDRED YEARS AFTER PALLADIO, WHEN Renaissance conventions of symmetry and proportion were promulgated by English architects Inigo Jones and Sir Christopher Wren, the revived Palladian window was a hallmark of the Palladianism that swept the British Isles during the late 17th and early 18th centuries. In the Colonies, the Palladian motif first appeared on churches (Christ Episcopal Church, Philadelphia, 1727; King Chapel, Boston, 1749). America’s great early architects—Asher Benjamin, Charles Bulfinch, Benjamin Latrobe, Thomas Jefferson—followed the lead of Jones and Wren during the late 18th century. The Palladian window figured prominently, centered above the front entrance on classically proportioned houses with symmetrical five-bay facades. The convention continued through the decades of the Georgian, Adam, and Federal styles.

In a survey of American domestic architecture, it is clear that the colonial period marked the highest style of the Palladian window. The traditional masonry of Georgian England and Renaissance Italy was here translated into wood, the keystones, quoins, and corbels made of chamfered and mitered white pine. Window sashes were divided into six-over-six, eight-over-eight, or twelve-over-twelve lights. Delicate, steam-bent muntins gracefully bowed and crossed in the fanlights or arching upper sash. Sidelights were usually operable, hinged to open; the fanlight above was commonly fixed.

During this colonial era before 1800, a highly ornamented Palladian window is placed as customary over the entry at the Windsor House, which was built in Vermont in 1801 and moved to Connecticut in 1936 (opposite). Art glass fills a Palladian window, above, in an early-20th-century Colonial Revival house in Des Moines.

PHOTOGRAPHS BY NEAL VOGEL (ABOVE)
PAUL ROCHELEAU (OPPOSITE)
The Palladian window reached its stylistic apogee in Georgian houses, where classical elements were deftly integrated. The entablature (a moulded beam) ran across only the sidelights. It was bridged by the archivolt (a modified entablature), that continued the moulded surface around the fanlight. The archivolt was typically crowned by a central keystone, or dotted with five or more to make a blocked arch. The entablatures were supported by engaged (partially built into the wall) columns or pilasters (flat columns) with simple capitals.

The Palladian window, once a mark of classical good taste, was a recurring motif in colonial and Federal architecture, from brick town house (1800, Portland, Maine, above) to clapboarded Georgian country seat (1796, Lisbon, Conn., right).
Palladian windows typically featured pilasters and an entablature under a semicircular arch. With the fanlight included in the height, the overall proportion was customarily square. Tall, slender versions were also fashionable on three-storey houses of the period. Invariably, the entablature is found only over the sidelights, accentuating the height of the center section.

Early in the 19th century, local carpenters and designers were already simplifying and strengthening the window with subtle changes. "The [classical] order is omitted in favor of plain mullions and bands," wrote Fiske Kimball in 1922, "still keeping the semi-circular arch above... or the bearing arch is made elliptical, coming down on the head of the archivolt [i.e., architrave carried around a curve] below."

**Venetian Victorian**

**DISMISSED BY ARCHITECTS IN THE GREEK Revival style, Palladian windows fell briefly out of vogue during the mid-19th century. Gothicized adaptations are occasionally seen among works by A.J. Davis and his contemporaries. The form was revived by Victorian architects who placed Palladians literally on the façades of Renaissance Revival, Queen Anne, Romanesque, and Shingle-style.**
In America, the colonial period marked the highest style of the Palladian window, [but] Palladian windows are in evidence everywhere on houses of the late Victorian period: first storey to attic, including gables and dormers.

The tripartite form evolved and changed with architectural styles, becoming simply the "gable window" of 20th-century millwork catalogs. Even without its arching center light, the form is pleasing and allows considerable light to enter stairhall or attic.

Palladian windows are in evidence first storey to attic on houses of the late Victorian period. The fanlights may, like earlier examples, have divided lights; diamond-pane sidelights or upper sash are common, too. But simple, one-over-one, double-hung sash is most common by far. Trim details were simpler, too, although decorative swags and other applied ornament prevailed on many free-classical Queen Annes.

Victorian architects, not surprisingly, manipulated the shape of the window. At this time the entablature sometimes continued across the window, uninterrupted by the elliptical center portion. The Palladian form that resulted was proportionally wider. This is the type that fills the broad, sweeping gables of rambling Shingle-style houses. Wood continued to be the material of choice, but stone construction was revived, particularly for Romanesque Revival houses. On many of these, Palladian openings defined the portico or porch—emulating Palladio's work more accurately than before.

20th-Century Palladian

By the early years of the 20th century, Palladian windows were usually relegated to upper gable walls or dormers, particularly on American Foursquares. They came to be advertised as "gable windows" in the mail-order catalogs of sash & blind companies, which offered seemingly endless style variations to be mixed-and-matched on every style of dwelling (not excluding the bungalow!). The young Frank Lloyd Wright tucked a Palladian window in the overscaled front gable of his own home and studio in Oak Park.

Judged by number built, Palladian popularity peaked during the 1910s and 1920s. These windows were extremely fashionable for both middle-class and high-brow homes in the Colonial Revival styles. Returning from vestigial use in the attic gable, the Palladian window appeared once again on second and first storeys, many times taking up its classic, axial position over the primary entry. The 1920s saw the use of leaded art glass in Palladian windows, adding flamboyance to bold form.

You'd be hard-pressed to count the variants on the Palladian window, right up until the 1950s. The fanlight might be simulated in projecting brickwork, or sidelights suggested with fixed shutters. In 1952, architect Philip Johnson, icon of Modernism, mockingly placed no less than 168 Palladian windows on a downtown Boston high-rise. In new residential construction today, the ubiquity of Palladian variants once again suggests a search for timeless style.

Neal Vogel manages technical services for Inspired Partnerships in Chicago, where he specializes in window—stained glass and, of course, Palladian.
Early examples are beautiful, but it's the later interpretations of the Palladian theme that surprise. Here, clockwise, are adaptations on a ca. 1920 American Foursquare, on an embellished Queen Anne of the 1880s, and in the gambrel gables of a Shingle-style house built in 1910.
Stripping Wallpaper

BY JENNIE L. PHIPPS

Scraping off old wallpaper is boring and messy, but you probably can't avoid the task if you're fixing an old house. The results are worth the trouble; the walls will look better and your new finish, whether paper or paint, will last.

F THE PAPER'S NOT VERY OLD AND YOU'RE lucky, it may be strippable or peelable. Vinyl pulls loose easily. Peelable wallpaper will leave a backing, but it is permeable and easy to get rid of. (We'll get to that.) Old wallpaper that has undergone many temperature changes may come off without any special effort. Get yourself a long-handled wallpaper knife with a four-inch blade and give it a try.

Begin at the baseboard and work the knife under the paper. Loosen three or four inches along the base. Using your fingers, pull upward gently, trying to keep the paper intact as you pull it off the wall. Go over the whole room looking for loose strips.

Once you've removed everything that will come off easily, you'll choose one of two ways to remove wallpaper — using steam or chemicals. Some people argue that steam is more efficient and less messy for virtually any job. If you have many layers of paper to remove or if the paper has been painted, assume that steam is preferable to chemicals. Chemicals are a good choice for stripping drywall (gypsum wallboard), because steam would ruin the paper face. Gel chemicals are often chosen for stripping ceilings.

In any case, the job is messy, damp, and slow. Protect everything from moisture: Take off the switchplates and outlet covers and put masking tape across them. Use plenty of heavy plastic dropcloths. Tape them down if rugs and furniture can't be moved out of the way. What comes off with the paper may include dye, paint residue, and black filth, especially if the house was once heated by coal.

If you're dealing with more than three layers of paper, or wallpaper that has been painted, then score the paper to allow heat and moisture to penetrate to the paste. Choose from two specialized tools: (1) a cylinder with spikes and a long handle that rolls up and down the wall, or (2) a Paper-Tiger, a round tool with a rotating blade that scores in circles. Roll the tool lightly and systematically over the entire area to be stripped, making several passes.

Avoid scoring if you have only a couple of layers to remove. A light sanding with 40- to 60-grit sandpaper will make the paper more porous without risking wall damage. Sanding overlapped seams will make removal easier, even if you don't score the rest of the wall.

IF YOU OPT FOR STEAM, RENT A WALLPAPER steamer (about $20 per day with a considerable discount for a week). Don't buy a homeowner model. Look for a steamer that has a large pan, preferably at least a foot square, with lots of holes, as well as a narrow tool for tackling thin spaces. (You can also use the nozzle alone.) DO NOT POUR chemical stripper into the steamer. It will ruin the machine and disperse toxins for you to breathe. Putting a pint or two of vinegar in the steamer won't hurt, and it does help dissolve the glue. Wear long sleeves, long pants, and gloves so you’re not scalded by dripping hot water. Prepare a place, such as a large bucket, to hold the hot steamer when you put it down.

Create scaffolding or a small platform about three or four feet long and a couple of feet wide. If you are right-handed, start in the upper right-hand corner. Let the steamer pan sit on the wall for 30 seconds

BEFORE YOU SCRAPE, THOROUGHLY SATURATE THE OLD PAPER. STEAM IS BEST IF THERE ARE MULTIPLE LAYERS.
Before you start, have the following on hand:

- **WALLPAPER RAZOR SCRAPER** ($6). Look for one with a 4-inch blade firmly screwed into the handle. Buy some replacement blades ($3).
- **PAPERTIGER** ($8). From Zinsser, this device perforates nonporous wallpaper. Tiny spiked wheels under the handle create pinholes.
- **PAPER PERFORATOR** ($7). A generic device for perforating wallpaper, this long-handled roller is effective and fast, but may gouge the wall.
- **STEAMER** ($20). If you don’t own one, rent one ($5 a day). **GARDEN SPRAYER** ($29). Get one with a big tank and plenty of power to get really hot and steamy. The pan should be at least 9” x 12”.

A rented steamer with a large pan is used to saturate and loosen the layers of wallpaper. Start high on the wall and work your way down, scraping as you go.
Simple techniques, simple tools, and, most important, lots of water and elbow grease: 1) Very old or peelable wallpaper may be loose already, so first peel what you can. 2) If you have multiple layers, use a perforator or a PaperTiger (inset) to allow steam to penetrate. 3) If you elect a chemical stripper, applying it with a sponge mop is slow but controlled. 4) A better way to apply chemicals is with a garden sprayer. 5) The 4-inch razorblade scraper is the essential tool, used as you steam or after chemicals have penetrated. 6) After the wallpaper is off, a good scrubbing and, finally, sanding is necessary to remove paste residue and smooth the wall.

or so, then move it a pan width to the left. Holding it in your left hand, let it steam the next section while you remove the already loosened paper with a wallpaper knife in your right hand. Systematically work your way down to the baseboard before moving onto the next three- or four-foot section. This is extraordinarily boring. We found it more tolerable to rent two wallpaper steamers and work in tandem.

Chemicals can require less effort than steam, but only if your job involves one or two layers of paper. Each brand of chemical stripper has strengths and weaknesses. The following work well and are easy to find:

- Shur Stik Wallpaper Remover has a strong odor and requires excellent ventilation and gloves. But it does get the wallpaper off the walls very effectively. It is conveniently mixed with cold water and it’s cheap.

**CHEMICAL WALLPAPER REMOVER IS USEFUL FOR SOME JOBS, INCLUDING CEILINGS.**

- Consider an alternative product: a gel that won’t drip. 3M’s Wallpaper and Paste Remover has “vertical cling,” making it useful for ceilings and any area especially vulnerable to water damage. You roll the blue gel on with a special roller, let it sit 20 minutes, and scrape off the paper. We tried it on a ceiling covered with a single layer and found it effective but expensive. A gallon costs about $15 plus $4 for the roller and will remove 200 sq. ft. of paper if you use it conservatively.
The easiest way to apply liquid wallpaper remover is with a garden sprayer on medium mist. Use a sponge mop (slow but controlled) if you are concerned about water damage. The secret is saturation. Soak each wall three times, 15 minutes apart. Mop up the mess while you wait.

Now wet the first wall down one more time and start scraping with the wallpaper knife. The wallcovering may come off in big sheets. Hurry, and you will gouge the wall. Keep the wall wet as you work.

GOOD PREP AND CAREFUL SCRAPING
MAKE CLEANUP STEPS GO FASTER.

There's a trick to using a four-inch wallpaper knife. Hold the blade at a 45-degree angle and slide it downward, slicing the wallpaper. Don't go at it straight ahead or vertically. The knife is angled so that a righthander can work down and to the left, letting gravity get rid of the excess paper. Duller, plastic or metal paint scrapers are less likely to gouge, but are less effective.

Cleanup is critical. Sweep and mop up all the discarded paper and throw it away. Once it dries, it's like papier mâché, hard and immobile. If you track it through the house, it will dry where it falls and require much the same techniques to remove it the second time as it did the first.

Paste is yellowish and sticky. If you don't get it off, it will leach through paint and make new wallpaper bubble. Use a bucket of hot soapy water and a plastic scouring pad. Some (but not all) chemical wallpaper removers will get rid of the residue, so read the label. You also might try the solvent TSP. Add a cup of chlorine bleach to the soapy water if you're stripping the bathroom or if you noted mildew from leaks.

After you've scrubbed and the wall is dry (wait overnight if possible), put on your mask and goggles and use a one-third or one-half sheet vibrating sander with 80-grit sandpaper to smooth the wall and get rid of paste residue. (You can hand sand if the wall is smooth and clean.) Fill cracks and holes and the nicks from your scraper, using plaster patching compound or joint (drywall) compound. After final sanding, use a shop vacuum. Finally, apply a one-step, oil-based primer-sealer such as Shieldz or Kilz to prepare the wall for painting or papering.

Is It Historic?
Frankly speaking, your old house probably doesn't boast any valuable old wallpaper. If you have bought a historic house arrested in time with wallpaper of special note still evident, then certainly, do your research before you strip or cover it. But it's unlikely you'll come upon anything significant as you scrape away at underlayers, which are probably production papers manufactured after the 1860s.

Probably. But what should you do if you think you've uncovered something beautiful and really old? E. Mc. Sherry Fowble, Director of Museum Collections and curator for prints, paintings, and paper at Winterthur Museum in Delaware, remembers the case of the Philadelphia homeowner who removed a staircase. The wall behind it was covered with 11 coats of wallpaper, the oldest of which was clearly dated 1793. The museum bought the right to reproduce it.

Even if an old paper has no curatorial value, you might want to save a fragment as evidence of your house's history. Some people even leave the fragment visible (in a closet or, if the fragment is old enough or pretty enough to warrant it, right out in the room).

Several companies can sell you a documented reproduction wallpaper already in their collection, or can re-create the wallpaper you find on your walls. (The cost for this service is between $3,000 and $20,000 depending on the size of the room and the number of colors in the paper.) If you want to reproduce a wallpaper pattern, you'll need to salvage a full repeat of it, which requires water-free removal. Call in an expert to help. Repeats can range from a few inches to a few feet.

Existing historic collections may very well include a pattern similar or even identical to yours. These firms have the most authentic selections:

BRUNSCHWIG AND FILS, 979 Third Ave., New York, NY 10022; (212) 838-7878.
To the trade. • SCALAMANDRE, 942 Third Ave., New York, NY 10022; (212) 980-3888. To the trade. • WATERHOUSE WALLHANGINGS, 99 Paul Sullivan Way, Boston, MA 02118; (617) 423-7688. To the trade. • THIBAUT (Historic Homes of America collection), 480 Frelinghuysen Ave., Newark, NJ 07114; (800) 223-6074. • VICTORIAN COLLECTIBLES (Brillion collection), 845 E. Glenbrook Rd., Milwaukee, WI 53217; (800) 783-3829. • CARTER & CO./MT. DIABLO HANDPRINTS, 451 Ryder St., Vallejo, CA 94590; (707) 554-2682.

PHOTOGRAPH BY SANDY AGRAFIOTIS
NOTHING STANDS OUT ON A WALL OR hearth like the generous size and enchanting shadow lines of large colonial mouldings. The epitome of these deep-relief mouldings, bolection mouldings, were once made by hand, but are now usually ordered from an architectural millwork supplier who will custom-cut them on a shaper—at a custom price.

Fortunately for anyone restoring an old house, a short run of bolection moulding is no trick to produce on the most commonplace of woodworking tools: a table saw. It's also very cost-effective. For example, 15' of 6''-wide moulding, which could easily cost $15 to $25 per foot to order, would certainly justify a couple hours work in a home shop.

Bolection mouldings being typical of the famed colonial millwork of the Connecticut Valley, we asked Maurer & Shepherd, Joiners, in Glastonbury to take us through the process. Foreman Brad Douglass shows us how to make the cuts.

BY DEFINITION, A BOLECTION MOULDING IS one that bridges two surfaces of different levels, often concealing a joint. It is also large, projecting beyond both of these surfaces. Bolection mouldings are typically used where panels meet rails and stiles, such as

Bellconction

Perfection

How to Make Custom Millwork on a Table Saw

BY GORDON BOCK

When fitted with the right accessories, the lowly table saw is capable of making every moulding on this mantelpiece—including the muscular bolection moulding framing the hearth opening. You need only a pattern and some stock (at right), plus basic tools and shop skills.
in panel wainscoting, but doorways thresholds and some picture-frame mouldings are technically bolection mouldings, too.

The featured bolection moulding in many old houses is the one around a fireplace, where it creates a transition between hearth masonry and the chimney breast or wall. Although fireplaces of any era may use bolection mouldings (along with other mouldings and ornaments), they are most characteristic of 17th- and 18th-century fireplaces, where heavy mouldings make up the entire trim.

**How to Proceed**

**OF COURSE, TO MAKE ANY WOOD MOULDING you need stock. While it is possible to mill a bolection moulding out of a solid plank, large-dimension lumber is expensive and may cup or split over time. Brad prefers to glue-up two boards into a single blank that will be stronger, yet no different in appearance.**

The process is simple. First Brad selects two boards slightly oversize for the finished moulding, and positions them so the annual rings oppose each other. Next he coats the mating surfaces with yellow carpenter's glue using his tool of choice—a 3" paint roller. The roller spreads a thin, even coat, and is easily washed up (or thrown out) after use. Then the planks are laid face-to-face and clamped. When the glue has cured 24 hours later, the stock is ready.

**SAW SET-UP** The moulding pattern Brad has chosen to duplicate is a composite of typical, 18th-century profiles. The beauty of this pattern comes from its symmetry; each knife setup is used to produce two profiles as the stock is passed through the saw, first on one side, then on the other. Furthermore, the pattern can be cut with only three knives—two of them stock shapes from Sears (see photo above). The third knife must be custom-ordered from a tool supplier, or ground in the shop using simple techniques (see "Moulding Your Own," September/October 1996 OHJ).

Other than this, the essential tools are a good ruler, an accurate table saw, and a three-knife moulding head. While it would be possible to produce the moulding with a one- or two-knife head, three knives allow for a faster feeding of the stock, as well as a smoother surface.

While some bolection mouldings differ slightly from side to side, a symmetrical pattern is equally decorative and simpler to produce. Brad uses a stock 3/4" quarter-round knife (left), custom-ground bead-and-cove (middle), and stock 1/2" quarter-round.

It also pays to make a close-fitting throat plate for the saw. You don't want a big hole that might cause the work to drop. First, cut a piece of plywood to fit the opening. Next, secure it in the table saw with the moulding head mounted. Then, while carefully running the saw, raise the arbor until the knife plows its way completely through the plate to cut an opening.

**FACE-CUTS FIRST** Unlike most moulding, which would usually be shaped from left to right by moving the work to a new position for each cut, the symmetry of this bolection moulding makes it worthwhile to start in the center. However, there is no way to rough-out the moulding by cutting away excess wood with a regular blade. Says Brad, "You always need an outside leg at each edge to run on until the last steps."

The center happens to be the highest feature of the deep relief pattern, the half-round torus. It is formed by face-cutting with an off-the-shelf, quarter-round cutter, run in two directions to form both sides. Before cutting the actual moulding, Brad checks the cutter height and fence depth by running a test piece—ever a prudent move.

Once he's satisfied the set-up matches the model moulding, he runs the real moulding. The trick here is to feed the stock in a continuous motion (to avoid ripples in the surface), while at the same time applying con-

**Gluing Up Stock**

To laminate, Brad rolls glue on two poplar boards (top), then clamps them liberally. A staggered pattern distributes the pressure evenly (middle). Grain orientation is not critical, but opposing rings (above) help stabilize the assembly.
First Cut
1) Brad starts the moulding in the center with the quarter-round knife.
2) Cutting two sides of the moulding with one knife forms the top of the torus.

Second Cut
3) The custom-ground knife forms a cove below the torus and a small bead.
4) With this deep cut, it’s best to remove material in two passes on each side.

Third Cut
8) The final shaping is done on-edge. Note the fence facing and custom throat plate.
9) When Brad compares old and new mouldings, the match is perfect.

NOTE: Guards are removed for photography.
constant pressure (to keep the stock tight on the saw table and fence). If the stock lifts it will leave a high spot, but this can be removed by running the moulding through the saw again. After completing one side of the torus, it's a simple matter for Brad to spin the stock around and cut the other side.

THE SECOND OPERATION The middle features of the pattern—a large cove and small bead—are also face-cut, this time switching to custom-ground knives that mill both shapes at once. Because the cove is deep and requires removing a lot of material, Brad makes one pass through the saw at about half the necessary depth, then another at the actual depth. The procedure is repeated on each side of the moulding.

Careful set-up of the saw and fence will help keep cleanup work to a minimum later. A slight error in set-up, where one knife begins cutting 1/4" beyond where the last finished, can leave “whiskers” of wood. These will have to be pared away later with a razor knife or sharp chisel.

EDGES COME LAST The finishing touches on this moulding pattern are the round-overs on either side. Since these features are edge-cut—that is, milled from the edge rather than the face of the board—at this point it is necessary to remove the “legs” from the stock. Brad does away with them in four cuts using a standard saw blade.

The knives used for this last phase are again off-the-shelf quarter-rounds, this time in a small radius. The milling process is a little more critical, however. It is most important to keep a good, firm hold against the fence. “On face-cuts, if the board lifts a little, you haven’t lost anything,” notes Brad, “but on edge-cuts, if you walk out from the fence, you’ll cut away more wood than you want.” Brad also stresses the importance of a good, close-fitting throat plate. Even though the length of the laminated boards will do a lot to keep stock running smoothly, the throat plate should still offer support between the moulding knife and the fence.

Once the round-overs are milled on both sides of the stock, the bolection moulding is completed. All that may be left to do is a little cleanup of stray wood wisps and a light sanding, depending upon the level of finish desired. While it may be useful to relieve the back of the moulding with some shallow saw cuts so it sits flush on an uneven surface, the laminated wood will be very stable without such measures. Install the bolection as you would any large moulding, then enjoy its traditional lines, knowing that it is the unique product of your own shop.

Special thanks to Brad Douglass and Hap Shepherd of Maurer & Shepherd, Joviers, 122 Naubue Avenue, Glastonbury, CT 06033; (860) 633-2383.

Table Saw Safety

Good shop practice is essential for the safe use of all power equipment, especially where moving blades are involved:

- Always wear protective eyewear; roll up sleeves or wear short-sleeved shirts.
- Never place your hands directly over blades or cutters, in case the wood splits or blades cut deeper than expected.
- Work with blade guards and hold-downs.
- Never work with someone behind you.
- Always move the workpiece forward; never back up or start in the middle of a board.
- Work with a clean floor; you can lose your footing on sawdust and fall into the saw.
- Always disconnect the power when changing blades on machinery.

Fingerboards and additional fences help guide the stock, guard the blade, and prevent against kickback.

Shatter-proof goggles or glasses and short sleeves are standard shop protective wear. Many woodworkers protect their hearing as well.

SUPPLIERS

COROB CORPORATION
53 Westwood Rd., Dept. OHJ
Shrewsbury, MA 01545
(508) 798-8825
Moulding heads, stock knives, and soft metal blanks; also offers finishing and heat-treating service for owner-ground blanks (contact for details).

DELTA INTERNATIONAL MACHINERY CORP.
246 Alpha Drive, Dept. OHJ
Pittsburgh, PA 15238
(800) 438-2486
Multiple knife head, knives in stock patterns.

SEARS, ROEBUCK AND CO.
Sears Tool Catalog
P.O. Box 3123 Dept. OHJ
Naperville, IL 60566
(800) 377-7414
Multiple knife head, knives in stock patterns, metal blanks.
The Virtual Hearth

BY MARY ELLEN PSLSON

Flickers of light dance across the plaster ceiling. A bank of coals glows rosy red in the grate. Ah, nothing's so snug as a room lit by firelight. You doze on the sofa, secure in the knowledge that your virtual hearth will burn safely through the night—without growing cold, without the need for a tender.

Mechanical devices that mimic the look, glow, and feel of a true wood-burning fireplace have been warming old-house hearths for well over a century. If you're searching for a fireplace insert to replace an original gas-fired element or coal-burning grate in your old house, you may be in luck. While you won't find an exact replica for a period fixture, many manufacturers are producing inserts that are close cousins—including choices that fit small or shallow firebox openings. Some products may be grander than your own original. Most certainly, they will produce more efficient heat, and they are undoubtedly safer. You control them with the flick of a switch.

Like the historic antecedents that inspired them, fireplace inserts can heat one or more rooms, or simply be decorative, throwing just enough warmth to toast your toes. Most create the illusion of wood or coal by burning gas, which produces a real flame. The most popular designs are direct descendants of the complete firebox assemblies, or outfits, created to boost fireplace efficiency in the 19th century. Others take after the Franklin stove, invented in 1742. Still others mimic 18th- and 19th-century English coal grates. Finally, nothing suits many early-20th-century hearths better than that old standby—fireplace logs.

Cover Me

AN ENCLOSED FIREPLACE INSERT DOESN'T have to look contemporary. A handful of inserts have a real affinity for old-house interiors. These factory-built assemblies can be fitted into an existing firebox and vented through a flue in good condition, usually with a 4" liner called a B-vent. So powerful that they can heat up to 1,500 square feet, most produce a realistic log-and-embers fire, visible through picture-sized glass windows.

A word of warning: for dimensionally challenged fireplace openings, some inserts...
When Benjamin Franklin invented his famous stove in 1742, the Franklin was only a modest improvement over the open fireplace. These enclosed, cast-iron look-alikes can warm up to 1,000 square feet. Compact enough to fit into many existing fireboxes, some also vent safely through an existing wall with help from a space-age flex vent.

Left: The Glow-worm Opulence maintains its flame even on the lowest setting. About $1,550. Top: Vermont Castings' Pinnacle Gas Hearthmount offers direct vent and vent-free options. From $1,100 to $1,400. Bottom: Glow-worm's Victoria is the truest Franklin look-alike. About $1,550.
Clean, quiet, and powerful, masonry inserts offer such options as thermostatic control and electricity-free ignition. The cast-iron Emerald from Waterford Irish Stoves can heat a small house. It sells for $2,200 in a choice of four enameled colors.

may be too large in one or more measurements. Since most enclosed inserts top out at about 20” or less, height usually isn’t the problem. Width may be: to accept the smallest inserts, openings must be at least 20 ¼” wide at the rear of the firebox. While depths can be as shallow as 12 ¾”, most offerings require a minimum of 15”. When measuring, be sure to take into account any slope at the back of the firebox, which can substantially reduce the usable depth.

Offered in cast iron or steel (sometimes with enameled finishes), fireplace inserts may include such features as adjustable settings, electricity-free ignition, optional thermostatic control and, for gas models, a choice of natural gas or propane. Depending on the maker, an insert can set you back $1,500 to $2,200 before installation, trim kits, and mantel options.

Sons of Franklin

If your fireplace is too small for a full-coverage insert, you may be a candidate for a Franklin stove look-alike. These free-standing stoves not only resemble the original Francolins with their side wings and low grates, they also sit in a similar position—slightly forward of the fireplace opening. Only 13” to 15” deep, these stoves rest outside the firebox on a shallow hearth, making depth and width clearances irrelevant. One caveat: models in this class are 27” high, so they may be too tall for some hearths.

Like the full-enclosure inserts, the Franklin look-alikes are B-vented (one manufacturer also offers an easy-to-install, direct-vent model). Although less powerful than an insert, these sealed, heater-rated fireplace stoves throw some heat. They’re capable of warming up to 1,000 square feet and feature adjustable settings, so that you can bank your fire once the room’s warm enough. As a bonus, the units can be flush-mounted on a wall, provided they’re fitted with a B-vent variation designed to fit into a 2” x 4”-deep wall opening. Equipped with realistic gas- or propane-fired logs, prices begin at $1,100 and range up to $1,600.

A Matter of Safety

Modern gas and electric fireplace inserts are far safer than their historic counterparts, which had the potential to deplete the oxygen in a room, fill it with noxious gases, or explode. When buying and installing an insert, be sure to take these precautions.

→ Insure that the insert meets the appropriate safety codes. Although no one umbrella agency certifies gas appliances, all units should meet national safety standards set by the American National Standards Institute (ANSI) or the National Fire Protection Association (NFPA). To find out which certifications are required in your area, check with your local building department.

→ Make sure the device is vented properly and equipped with the appropriate safety mechanisms. Most open-flame logs and stoves require venting through an existing flue in good condition, or a Type-B gas vent (factory-made ducting material). Vent-free gas devices, which are engineered to be installed without venting, are required to have an oxygen depletion sensing pilot.

→ Have the unit installed according to the manufacturer’s specifications. Be sure to meet or exceed minimum clearances from combustible materials and, in the case of B-vents, to allow for the required “dead air” around the metal pipe. With gas, you’ll probably need to call in a qualified heating, gas, or plumbing professional to attach the gas line. He or she should also insure that burner controls are functioning properly and that the unit is igniting and venting correctly.

→ Make sure the unit has a safety shut-off that cuts the flow of gas if the flame goes out. Open-flame log and coal sets should be equipped with an automatic pilot, which serves the same purpose. You want to be warm and toasty—not toast.

Thanks to John Bowman, a consultant with Arthur D. Little Inc., of Cambridge, Massachusetts, for help with this article.
This combination cast-iron fireplace insert, surround, and mantel from Stovax is based on an original 1895 English design. Finished with floral border insets, it sells for about $4,200.

Right: Real Flame's Large French fire basket in polished brass retails for about $1,700.

A Grate Look

STILL SHOPPING FOR AN INSERT THAT FITS? Among the smallest—and most elegant—are reproductions of English coal grates offered by a handful of North American distributors. These polished brass or cast iron baskets brim with glowing coals or logs fired by gas, propane, or electricity. Vented through a wood-burning flue, the grates require a minimum height of 20", a minimum depth of 12", and at least 3" clearance on each side. Grates as narrow as 16" are available, and some dealers will custom-design fireboxes for openings as shallow as 9". One dealer offers a full-fledged insert. Although suitable for shallow fireboxes, it requires a 36" x 36" opening.

Rigged for gas, the grates offer the pleasures of an open flame, featuring ceramic-fiber coals that change from black to red as they heat. The loose coals can be rearranged to produce varying flame patterns. Electric coals will glow ruby-red and emit heat, but they'll only give the flickering effect of flame.

GLOWING TERMS

B-VENT: A factory-built, double-wall metal pipe for venting gas appliances equipped with a draft hood. It consists of an aluminum inner wall and a galvanized or galvalume outer wall, with a dead air space between walls.

FIREPLACE INSERT: A gas appliance designed to be installed within an existing fireplace, consisting of a metal enclosure and gas logs or coals.

HEATER-RATED: A designation that means a stove or insert meets heating proficiency protocols based on national government standards.

OXYGEN DEPLETION SENSING PILOT: Shuts off the flow of gas in vent-free appliances if the oxygen level in the room plunges to 18%.

UL-LISTED: This means the appliance design has been tested to meet national electrical standards by Underwriter's Laboratories. Inserts that are not UL-listed are not usually available in the United States.


Photographs courtesy of Fireplaces (top) and Homefires (bottom).
With the exception of the insert models, these English imports are considered decorative, producing just enough warmth to take the chill off a room. Even so, all styles are designed and tested to meet applicable national safety standards when equipped with an automatic pilot. Gas-fired coal-grate sets sell for $925 to $1,730; prices for fancier designer series range up to $4,300.

**Logs A Poppin’**

PURISTS MAY SNEER, BUT CERAMIC FIBER FIREPLACE logs have been with us for nearly a century—plenty of time to establish historic precedent in 20th-century homes. Whether you buy them alone or as part of a package with an enclosed insert, freestanding stove, or English grate, a realistic set of fire logs forms the unquestioned heart of the hearth.

They’re also a reasonable alternative when nothing else will fit in your grate. There are fire logs to fit openings as small as 14” high, 13” wide, and 11” deep. The best are cast from molds taken of real logs, so they look real whether they’re burning or cold to the touch.

Combined with a gas flame, the effect is a lot like a wood-burning fireplace, especially when vented through a fireplace flue. If you choose electric hearth logs, you’ll get a flickering glow, but no true flame. Whether you choose gas or electric logs, the price is right. A set from a specialty retailer will usually cost you less than $500.

So there’s no excuse to shiver in your slippers—even if your house is equipped with that modern luxury, central heating. When you add or replace a fireplace insert, you’re in step with a hearth-warming old-house tradition. Keep the home fires burning!

**SUPPLIERS**

**DANNY ALESSANDRO/EDWIN JACKSON LTD.**
223 E. 59th St.
New York, NY 10022
(212) 759-8210
Gas or electric coal fire grates.

**ARROW/DOVRE BY HEATILATOR**
1915 W. Saunders St.
Mt. Pleasant, IA 52641
(800) 843-2848
Gas log fireplace inserts.

**DIMPLEX NORTH AMERICAN LTD.**
1567 Industrial Road
Cambridge, ON N1R 7G8
Canada
(800) 668-6663
Electric flame-effect fireplace inserts.

**THE EARTH STOVE, INC.**
10595 SW Manhasset
Tualatin, OR 97062
(800) 821-6228
Gas log fireplace insert.

**ENERGY PRODUCTS IMPORTERS**
P.O. Box 80250
Portland, OR 97280
(503) 246-8031
Glow-worm fire stoves.

**FIRESPACES INC.**
921 SW Morrison St.
Suite 440
Portland, OR 97205
(503) 227-0547
Stovax inserts and Gazco fire grates for logs or coals.

**HOMEFIRE**
P.O. Box 11313
Charlotte, NC 28220
(800) 749-4049
Real Flame gas or electric coal fire grates.

**JOTUL NORTH AMERICA**
P.O. Box 1157
Portland, ME 04104
(207) 797-5912
http://www.hearth.com/jotul
Gas log fireplace insert.

**PORTLAND WILAMETTE**
6800 NE 59th Pl.
Portland, OR 97218
(503) 288-7511
Wide selection of gas fireplace logs.

**RUSTIC CRAFTS**
P.O. Box 1085
Scranton, PA 18501
(717) 969-1777
Electric fire log sets.

**VERMONT CASTINGS**
Route 107, Box 501
Bethel, VT 05032
(800) 227-8683
Gas fire stove and gas log/fireback combination.

**WATERFORD IRISH STOVES**
20 Airpark Road
West Lebanon, NH 03784
(800) 828-5781
Gas log fireplace inserts.
Testing for Asbestos

Guidelines for Identifying a Potential Hazard in Old Houses

BY JOHN A. BARRON

ASBESTOS, ONCE KNOWN AS THE "miracle rock," is sometimes a cause for worry and hasty action among old-house owners. Asbestos has been in use for over 100 years, and rehabilitation work often means removing—or at least exposing—building products that may contain asbestos. It's true that awareness of the health risks associated with asbestos prompted the EPA in 1978 to ban its use in at least one application. Yet not every asbestos-bearing material is a health concern, and not everything that looks like asbestos is asbestos. Before you can decide what to do about asbestos in old houses, you have to confirm it's there. This article will tell you what to expect.

What Is Asbestos?

ASBESTOS IS A GENERAL TERM FOR A GROUP of six fibrous minerals that occur naturally in rocks and soil. The group is divided into two major types—serpentine and amphibole—each of which is further divided into subtypes found throughout the world. For example, amosite, a type of amphibole asbestos, comes from South Africa. By far the most common variety of asbestos used in the United States is chrysotile, mined predominantly in Canada. Chrysotile asbestos is off-white in color and does not dye well.

All types of asbestos are non-combustible, high in tensile strength, and good insulators—an uncommon mix of characteristics that makes them ideal additives to many materials. Asbestos-containing materials—called ACMs for short—are also classed as either friable or nonfriable. In nonfriable form, the asbestos fibers are integrally bound in another hard material. Products that contain asbestos in friable form, however, can be easily broken, crushed, or ground so the asbestos fibers are released into the air. Since asbestos has been demonstrated to cause illness when inhaled, the fibers hold the most potential for harm if they become airborne.

The first known users of asbestos were the ancient Greeks, who wove the fibers into lamp wicks. In the United States of the 1890s, where steam had become the primary source of heat and power, asbestos...
Asbestos in the Old House

If your old house contains materials installed before 1980, asbestos may be present. Here are some of the most common products where it is likely to occur:

**EXTERIOR SURFACES**
- Cement roof shingles
- Cement siding tiles
- Deck undersheeting
- Roofing felt
- Roof tar
- Window putty
- Caulk

**INSULATION**
- (particularly between 1930 and 1950)
- Loose blown-in fill
- Rolled batts

**FLOOR COVERINGS**
- Vinyl sheet flooring
- Vinyl floor tiles
- Underlayment (the backing on flooring)
- Mastic adhesives

**BOILERS, HEATERS, & PIPING**
- Boiler/heater insulation
- Duct insulation (a lining)
- Duct tape (over joints)
- Boiler door & cover gaskets
- Pipe lagging (insulating covers)
- Boiler wall gaskets and lining
- Gas fireplace logs, embers, and artificial ashes
- Water heaters
- Cookstove ovens and hoods

**INTERIOR SURFACES**
- Acoustical ceiling plaster
- Ceiling tiles
- Textured paint
- Heat shields
- Heat reflectors (for wood stoves)
- Wall plaster (usually the brown coat)
- Drywall joint compound

**ELECTRICAL EQUIPMENT**
- Heat shields in lamp sockets
- Outlet/switchbox/wire insulation
- Main service panels/fuse boxes
- Appliance insulation (toasters to freezers)

was introduced as a component of boiler insulation. Since then it has been added to over 3,000 building materials to increase their strength and make them fire retardant. The popularity of asbestos grew throughout this century, reaching its peak production in 1974. In that year alone 817,100 tons of asbestos were incorporated into hundreds of products.

Any likely building product that has a gray or white fibrous layer might contain asbestos. Some products, such as cement or floor mastic, have asbestos mixed into them. In these cases, the color or texture of asbestos may not be noticeable.

**Inspecting Your Home**

If you are planning any kind of remodeling activity, or simply seeking peace of mind, you may want to have an EPA-certified asbestos inspector examine your house. You can locate such firms in the phone book or by contacting your state or local health department. The inspector will make a visual examination and carefully collect small samples for analysis.
The only way to reliably test for asbestos is to have samples analyzed by a laboratory using Polarized Light Microscopy (PLM). PLM labs are usually listed in the Yellow Pages as asbestos labs or environmental labs. The lab analyst uses a PLM microscope to measure light as it passes through a fiber. The speed of the light, and the degree to which it is diffracted, provide conclusive information about the fiber's crystal structure. With this tool, mineral fibers are easily segregated from other fibers, such as cellulose and glass.

The laboratory should have current certification by NVLAP (National Voluntary Laboratory Accreditation Program), which is administered by the federal government. If you have trouble finding a lab with NVLAP accreditation try calling NVLAP: (301) 975-4016.

After about a week (maybe longer) you should receive your lab report in the mail. For an extra charge, most labs will call with verbal results or fax the report before mailing it. Be sure to ask for these services if you want them.

The Lab Report

The lab report should identify all fibrous components of the sample—including cellulose, glass, synthetics, and asbestos—with a volume percentage. An asbestos linoleum sample might be reported as 20% chrysotile, 15% cellulose, and 65% other. (The "other" category includes all non-fibrous components, such as pigments, binders, and fillers). A non-asbestos ceiling tile might be reported as 25% cellulose, 15% glass fibers, 15% perlite, and 45% other. The EPA considers a material with more than 1% asbestos by weight to be potentially harmful.

The laboratory should perform a separate analysis for each layer of your sample (for which they will likely charge extra). Make sure the report is clear about which

**Collecting a Sample**

While the laboratory analysis requires sophisticated, precision equipment, the typical ACM sampling procedure by a professional inspector is straightforward and follows this scenario:

The inspector selects an inconspicuous spot to collect the sample. Air drafts are minimized by turning off HVAC systems and closing windows. He places a drop cloth on the floor beneath the sampling location. Using a spray bottle, he moistens the surface of the material to be sampled with glass cleaner or soapy water. The soap decreases the surface tension of the water and allows it to coat better. (Chrysotile fibers readily absorb water, which increases their weight and inhibits them from becoming airborne.)

1) With a razor knife, he gently cuts into the material and removes about one tablespoon of material. It is important to carefully sample all layers. For thin layers, the cut is 1 to 2 square inches.

2) When sampling floor coverings, the drop cloth is placed on top of the floor, then the cut is made through the drop cloth to sample. All layers of the material are placed into the sampling container. (These may be plastic canisters for 35mm film; jars or zipper-sealed bags can also be used).

3) An assistant may be present to mist the air above the sample location while cutting. The mist falling to the drop cloth will trap asbestos fibers released into the air as a result of cutting the material.

4) The inspector places a temporary, airtight patch on the material. This can be spray lacquer, caulk, or even duct
layer contains asbestos. Your unique sample I.D. and a brief sample description should also be in the report.

Analysts can make errors. To be on the safe side, send samples to more than one lab. The best way to do this is to collect two sets of samples and send a set to each lab. Alternatively, you can have the first lab return your samples after analysis so you can send them to your second lab. If your two labs disagree on the results, try a third lab, or call your state environmental protection division for advice. Of course, you can always call your labs for more information.

What to Do About It

IF YOU HAVE FOUND ASBESTOS IN YOUR HOME, don't panic. The mere presence of asbestos does not constitute a threat. Many asbestos products (such as vinyl floor tiles, asbestos-cement shingles, or roofing tar) effectively seal asbestos fibers in the material, preventing fiber release. Unless they are cut or sanded, these products pose very little threat, and there is no need for action.

If the lab report does indicate the presence of asbestos, the inspector should give you a written evaluation of the material and its condition. He or she will also offer recommendations about what corrective actions to consider, if any. If the ACM is friable—that is, soft or crumbly—it can easily release fibers into the air. Such materials may be health hazards. Repair may be necessary to prevent exposed asbestos from becoming airborne. Asbestos in the crawl space under the house is a minimal concern compared to delaminating asbestos ceiling plaster in the TV room.

If a potential for significant fiber release exists, you will need to consider the proper abatement method—that is, a procedure for controlling the fibers. The obvious approach, wholesale removal, is generally a last resort because it creates high airborne fiber concentrations. These cases require professional engineering controls to prevent contamination and exposure.

Current practice favors covering the asbestos in one of two ways. The simplest is encapsulation. This procedure involves painting the material with an encapsulant (essentially heavy-duty paint) that seals the asbestos fibers into the product. Keep in mind that encapsulating surfacing materials (such as acoustical plaster) can cause delamination.

A more expensive alternative is enclosure, which involves building a rigid structure between the materials and the environment. Covering asbestos floor tiles with new tiles is an example of enclosure. Another would be installing drywall over asbestos plaster. Your local EPA office or your state environmental division can provide further information on these procedures, and who should perform them.

Hundreds of thousands of people live normal, healthy lives in buildings that contain asbestos. Determining if it is indeed present in your old house is the first step in dealing with this material and putting your mind at ease.

John A. Barron, a former analyst at ATEC Environmental Consulting in Atlanta, writes frequently about laboratory procedures.

RESOURCES

EPA ASBESTOS HOTLINE
(800) 368-5888
TOSCA HOTLINE
(202) 554-1404
Sources for "Asbestos in Your Home" and other asbestos literature.

CONSUMER PRODUCT
SAFETY COMMISSION
(800) 658–CPSC
Asbestos information on specific appliances and products.

Special thanks for help with this article to Steve M. Hays, Chairman, Gobbol Hays Partners, Inc., Alex Wilson, Editor, Environmental Building News, and Bob Schmitter, Senior Scientist, Georgia Tech Research Institute.
Our bathroom was really two half-baths: the toilet half and the tub half. Restoring it gave us back our space.

A House Divided

BY LOUISE FRASER

ALL US VICTIMS OF HYPERBOLE. THE AGENT WHO sold us our 1920s house in Fredericton, New Brunswick, called it a “three-bedroom with separate half-bath.” Translated, this liberal real-estate lingo meant two bedrooms, an unlit closet, and one highly unstable WC separated from its bathroom.

While the rest of the house charmed us, the compartmentalized bathroom was a booby-trap. The toilet had to be used nearly sidesaddle, thanks to a protruding plumbing chase and a wall where knees should go. In an adjoining room, the clawfoot tub sat small and solitary with its tap-end against the wall, as if pulled toward its former companions. The unknown remodeler had added doors at every opportunity [see “before” plan, facing page], creating a tiny and unusable ante-room.

As for the promised third bedroom, it was actually an enclosed, ell-shaped space about 7’ wide that ran behind the stair balustrade. We gave up on cramming an adult’s bed into it and decided to use it as an office instead. It was plain that ours was an old house divided (especially to those who had to use the bathroom). It had fallen victim to that nefarious destroyer of domestic integrity: partition.

AWKWARD AS THE HALF-BATH WAS, FINANCIAL CONSTRAINTS prevented us from tackling this obvious remodeling project. After a year, our friends began to decline invitations to drink and dine. It became apparent that if we wanted a social life, we would have to remodel what had become known publicly as our “inconvenience.”

Things came to a head, so to speak, when the city offered to collect any large waste items usually slated for costly dumpsters. I rushed to the basement and grabbed the wrecking bar. Before long three partition walls and two hollow-core doors were down and out the window. Demolished shards lay in a ruinous pile by the back door when my husband Ian got home from work.

“What’s all this green stuff?” he muttered even as it dawned on him. “The bathroom?!?” he said, looking up. I was waiting by the window, camera in hand. I knew it would be a Kodak moment.

Once the walls were down, it was obvious that the bathroom had been through more than one remuddling. We discovered why the loo had been so unstable. During a previous renovation, someone had sawn through a couple of floor joists under the toilet. The bowl and the tank had been reinstalled on a ½” plywood floor hidden under linoleum. No structural reinforcement, no subfloor under a porcelain bowl full of water.

FLUSHED WITH SUCCESS IN THE bathroom, we turned our attention to the little office. By examining similar houses around town, we realized that ours had been a two-bedroom house with a sitting area on the landing.

We quibbled for a while over whether or not to restore this space. Would giving up the extra “bedroom” decrease the market value of the house? Would sitting on the landing, back to the stairs, be unnerving? But we were persuaded after we visited an open house nearby. The home was similar in vintage to ours but amazingly, even tinier. It was so small that it made our 1200 square feet seem extravagantly spacious (especially when we learned that the original owner had raised 14 children in hers).

Its spectacular open landing was used as the mas-
Above: I snapped Ian’s picture from an upstairs window the day he came home to find me with wrecking bar in hand. The junk on the lawn came from the cramped bathroom, shown [inset] after I knocked out the partition that put the tub in its own room. At 6’8” tall, Ian had suffered much before our restoration. Left: Our only bathroom was a series of dark, unusable chambers behind hollow-core doors; the awkward “officelet” was too small for a bed. Since we restored the floor plan, we’ve enjoyed a wonderful, light-filled room as well as a bathroom that works.
Like the house itself, the bathroom is not grand, but gracious. A feeling of space comes from the open stair landing [below]. Comfortably furnished as a room to relax or work in, it's our favorite part of the house.

Removing the partition walls revealed unexpected wonders. No longer a dark closet, the landing was now a "great-space," visually encompassing a much larger area. And it was light! Now that it included the window on the staircase, this was the most expansive and illuminated room in the house.

In our demolition we were forced to remove original walls as well, thereby uncovering "ghosts" on the wall opposite the railing. Patched plaster and a mark on the hardwood floor indicated there had once been a fireplace. We found no evidence of a chimney or stove-pipe, so it was hard to imagine what sort of fireplace had been there. Besides, the heat from a stove in such a small area would have set you reeling over the handrail.

We stumbled onto the clue to the mysterious fireplace during repairs: disabled knob-and-tube wiring. A trip to the city's Electricity Museum provided substantiating evidence that our wall had once been fitted with an electric fireplace insert. To our disappointment, the fireplace had been removed when the area was enclosed.

The heat from our kitchen woodstove rises up the stairwell, however. Our great-space stays warmer than the downstairs par-
I recently installed a new oak entry door on my house. I am concerned that the sunlight will cause the color of my door to fade. Can you recommend a product that will protect my door?

P. Johnson, Chicago, IL

Flagship® UV. This high build pure polyurethane will outlast conventional varnishes and modified polyurethanes. Flagship® UV contains maximum ultra-violet blockers and inhibitors which will protect your door in a similar way that sun tan lotion protects the human skin from the damaging effects of sunlight. For continuous protection, an annual maintenance coat should be applied.

Have a staining or finishing question? Ask Wood Kote!

Please write to Dept. O.
P.O. Box 17192
Portland, OR 97217
or Fax to (503) 285-8374
http://www.woodkote.com

"The Professional Woodworker's Choice Since 1945"

Ask for Wood-Kote Products
At Paint Stores, Hardware Stores and Home Centers.

Acorn introduces a "smoke'n" new line of hand forged ornamental door, cabinet and bath hardware - Iron Art door knockers, door knobs and handles.

To get your hands on these unique and beautiful hardware accessories, call 1-800-835-0121 today for the Acorn Iron Art catalog of products.
WRIGHT'S Prairie style, the Robie House features sweeping horizontal planes, dramatic cantilevers and long ribbons of art glass windows. 5757 South Woodlawn, Chicago, Illinois 60637
Tour Information for both sites: 708.848.1976

THE FRANK LLOYD WRIGHT FOUNDATION

WIDE FLOORING AND PANELING

OAK AND PINE: 8" to 26" wide
For easy installation of beautiful floors, Craftsman Lumber Company offers wide boards that are:
- Dried properly in our own kilns.
- Edges jointed straight and true.
- All boards meet, or exceed, NELMA specifications.
- 100% of order is usable when received. No defect allowance necessary.
- Knowledgable advice and information on proper installation.
- Warranty on all products.

Wide boards from Craftsman Lumber Company have been satisfying architects, builders and homeowners nationwide since 1974. All our boards are created exactly to your specifications. Send $2.00 for literature and grading photos, or phone Charles Thibeau at (508) 448-5621.

The Craftsman Lumber Company
Box 222J, 436 Main Street
Groton, Massachusetts 01450

Save Up To 50% On Home Heating Cost
And never have to buy fuel—wood, oil, gas, kerosene—ever again.

Hydro-Sil is a unique zone heating system that can save you hundreds of dollars in home heating costs. It can replace or supplement your electric heat, oil or gas furnace. Your kerosene heaters and woodstoves. Hydro-Sil heating works like this: inside the header case is a sealed copper tube filled with a harmless silicone fluid that will never spill, leak, boil or freeze. It's permanent. You'll never run out. Running through the liquid is a hydroelectric element that, when the thermostat is turned on, quickly warms the liquid. The silicone liquid with its heat retention qualities continues to heat after the Hydro element shuts off, saving you money. The heat radiating from the tube is directed into a gentle convection flow that delivers warm, comfortable heat to the room. Hydro-Sil will give clean, safe, healthful and inexpensive floor to ceiling comfort.

You Can Do Something About the High Cost of Winter Heating
Order by Phone or Mall, Credit Card or Check • MasterCard-VISA
CREDIT ORDERS ACCT. # 1-800-627-9276 EXP. DATE
MAIL TO: HYDRO-SIL, PO BOX 662, FORT MILL, SC 29715

LABELED

Save with Hydro-Sil:
- Many families are benefitting — you can too.
- Consumer Digest: Buying Guide Edition rates Hydro-Sil "Best Buy" for heating — a product that offers outstanding value for its price.
- Grant M. (Accountant): "With no insulation or storm windows, I saved 61% when changing from oil to Hydro-Sil."
- William C. (General Contractor): "I replaced electric heat with Hydro-Sil. I am pleased to report that your units have provided comfort, safety, and considerable savings on electricity."
- Osborne O. (Business Owner): "It pleases us to find a product which performs up to its advertising claims."

You Are Important to Us

LIFETIME WARRANTY

ORDER TODAY AND SAVE. TWO MODELS TO CHOOSE FROM PORTABLE 110 VOLT—PERMANENT 220 VOLT

SEASONAL DISCOUNT FACTORY SALE

220 Volt Permanent Approx. Area To Heat Discount Price Quantity
6' 2000 watts 300 sq. ft. $249
6' 1500 watts 250 sq. ft. $229
6' 1250 watts 200 sq. ft. $209
4' 1000 watts 150 sq. ft. $189
3' 750 watts 100 sq. ft. $179
3' 500 watts 75 sq. ft. $159

Hydro-Sil Portables 110V
2' Hydro-Max 750-1500 watts $219
3' Standard Silicone - 1500w $199
4' Convector - Dual watt $179
6' 750 watts - Silicone $169

$15.00 shipping per heater

Total Amount $
Period-Inspired
Three affordable books help with kitchen & bath

BY PATRICIA POORE

KITCHENS AND BATHROOMS INSPIRED BY PERIOD style are more common than they used to be. Almost every magazine showcases “Victorian” kitchens and pretty bathrooms with white tile and pedestal sinks. Indeed, the trend has created its own revival style for these rooms. Tasteful though it is, however, the “revival style” may not be best place to look for inspiration as we restore our old houses of certain age. I worry that the trend is introducing clichés that will look dated ten years from now. That’s not the point, of course; we want our period-sensitive (though modern) kitchen or bath to fit seamlessly into the rest of the house, timeless instead of trendy. Better, I think, to cast a wider net in seeking ideas, to look beyond today’s magazine features toward simple examples, toward other old houses, toward European precedents.

Judith Miller’s book entitled Period Kitchens does that for me. It’s a bit of a funny little book, half photos and half how-to in a concise format, but it has some nice surprises that buck the trends. Undoubtedly, the English green paint and farmhouse sinks shown will inspire fads of their own. But for now the book is a good record of the unfitted kitchen—the room full of freestanding tables and appliances that predates the compulsively neat modern kitchen with its linear countertops and matching overhead cabinets.

The author has included kitchens in the U.S. and England. Some successfully mix old and new, or combine antique dressers with built-ins. Photos show a wide range of approaches, so this is a great idea book; you may look generally at layouts and work surfaces, or pick up a specific detail or color to incorporate into your own scheme. After an introduction to styles of kitchens, Miller briefly describes surfaces, storage items, floors, stoves, tile, appliances, and paint finishes as appropriate to country or urban kitchens. In the practical second part of the book, she takes you through planning and lighting, then carefully explains how to
achieve such treatments as woodgraining, colorwashing and stenciling, and decorating a plate rack.

Of interest to domestic historians and those with a bungalow or early-20th-century house: a re-issue of The Kitchen Plan Book, printed in 1917 by the Hoosier Manufacturing Company. This is a period piece itself. It consists of line drawings of 50 plans of model kitchens that were submitted by “leading architects and draughtsmen,” for a competition sponsored by Hoosier.

For each design published, a page shows the design in perspective view as well as a floor plan. If you’re starting from scratch, here are authentic layouts, particularly appropriate for small and medium-size houses in any style ca. 1905–1930.

Many of the line drawings are rich with period detail: ceiling treatments, light fixtures, floor pattern. The period is captured, too, by the ephemera drawn in by careful draftsmen: a stool on casters, utensils hung near the stove, the window shade.

Bathrooms, too, are being rendered in period style, the clawfoot tub being more popular now than it was in the 1890s. If you’re looking for ideas, don’t miss Diane Berger’s The Bathroom, a portfolio of really unique rooms. It’s not about old houses or old bathrooms, but a majority of these timeless rooms are period-inspired. Some are sumptuous, and the scope is international. The book is organized into chapters that make style a kind of bathroom philosophy: in Pure and Simple, form follows function; in Beauty Treatments, decorative form masks function. Basic elements are introduced, followed by wonderful surface treatments, storage solutions, and true fantasy bathrooms. You’ll find several simple bathrooms (including a few survivors from another era); many rooms feature marble and high-end furnishings. The beautiful color photos bring you hundreds of details worth considering as you plan your own bathroom.
BRONZE

WE TAKE AS MUCH PRIDE IN OUR PLAQUES AS YOU DO IN YOUR HOME

CUSTOM PLAQUES
NATIONAL REGISTER PLAQUES

Healy Brothers Foundry
CALL FOR FREE CATALOG
1-800-626-3229
ONLY THE BEST FOR YOUR HOME

PLAQUES

Authentic oil and acrylic paint carefully selected by curators for the careful restoration of historic architecture.

And... 17 simulated milk paint colors.

Literature at $3.00, available through:
Primrose Distributing
54445 Rose Road South Bend, IN 46628 (800) 222-3092

Quartersawn
Clapboard Siding
and Building Materials
including Wide Pine
and Hardwood Flooring

Quartersawing produces a vertical grain clapboard.
- Twists and warps less
- Wears more evenly
- Bonds paint and stain better

Also featuring...
Cabot Factory Finish™
Exterior Finish
for all types of siding.
Allows priming or finishing prior to installation with 15-year warranty:
- Crack, Peel and Flake Resistant
- Washable
- Non- Yellowing
- No Chalk Washdown

Granville Manufacturing Company, Inc. • Est. 1857
Granville, Vermont 05747
ph 802-767-4747 fax 802-767-3107
www.woodsiding.com
Call or Write for Free Brochure

Fine French Oak
FLOORING

Add beauty, warmth and European style and grace to your home with fine French Oak. These are beautiful, durable, wide, and elegant, solid wood planks, precision milled to create superb flooring.

WOODHOUSE
PO. Box 7336 Rocky Mount, NC 27804
919-977-7336
Free brochure & pricing guide. $15 Sample kits (refundable)
**On Fireplaces**

An interesting and pretty survey, this book becomes the ultimate reference if you're adding a fireplace or building a new house in period style. Subtitled "A Practical Guide to Period-Style Decorating," this book does in fact include how-to instructions: restoring cast iron, repairing tiles, marbleizing and graining, even making a découpage fire screen.

Also on the practical side, it provides a glossary and a source list (which lists, however, suppliers in the U.K. only). In the first section, styles of fireplaces are described chronologically. The bulk of the book focuses on practical considerations of choice and installation, categorizing fireboxes and mantels by material (e.g., marble, slate, faux stone, pine, cast iron, tile). Archival illustrations and dozens of photos of period fireplaces make the book a valuable historical reference as well.

**PERIOD FIREPLACES**

By Judith Miller Mitchell Beazley, 1995, hardbound. 128 pages. From your bookstore, or order #H108, $27.95 + S/H: (800) 931-2931.
Historical & Architectural Mouldings & Accessories
- Custom, special order and stock mouldings and accessories
- Custom woodworking: Fireplace mantels, AV cabinetry, doors & stair parts
- Finish lumber, plywood, hardwoods:
  Custom material preparation
  120-page catalog $6.00

ARVID'S WOODS
2500 HEWITT AVENUE, EVERETT, WA 98201
1-800-627-8437
FAX: 1-206-238-4334

Victorian & Contemporary Bathroom Products
Jetted & Soaking Bathtubs
Pedestal & Drop-in Sinks
We also carry Acrylic Shower Bases, Toilets, Pedestal Sinks,
Faucets, Light Fixtures, Architectural Mouldings,
Textured Wallpapers & Friezes, and Hardware.

For a complete 60-page product packet with pictures, sizes, colors and prices, send $15 (refundable with order), or you may request a free brochure and composite sheet.

NORTHSTAR ACRYLIC DESIGNS
P.O. Box 570350 Denver, CO 80237 Toll Free (888) 388-8527 Fax (303) 337-2886
www.northstaracrylics.com

Country Curtains®
Every Window Deserves A Great Curtain!

In our catalog you'll discover just the right answers for your windows...easily and affordably! Hundreds of wonderful ready-made choices, something for every style of home...from colonial to contemporary...coast to coast!

Please Call TODAY For Your FREE Country Curtains® Catalog!
1-800-876-6123
Ask Dept. 4747

Push Button Light Switches
DIMMER & SINGLE & 3-WAY
DECORATIVE & PLAIN
SOLID BRASS WALL PLATES
- MOULDING HOOKS
- EDISON BULBS
- TASSEL KITS
- & MORE

For Catalog Send $2.00 to:
Classic Accents
17810 Telegraph Rd. Dept. OH
Brownstown, Twp, MI 48174
(313) 941-8011

Country Curtains®
Please send my FREE Country Curtains® Catalog
Name ___________________________
Address _________________________
City _____________________________ Zip _____________
State ____________________________
Mail To: Country Curtains® at The Red Lion Inn Dept. 4747 Stockbridge, MA 01262 or Fax to: 1-413-243-1067

Country Curtains®

Country Curtains®

Country Curtains®

Country Curtains®

Country Curtains®
STAMPED SHINGLES
LOOKING FOR AUTHENTIC
metal shingles for your
turn-of-the-century roof?
The Berridge Classic Shingle (below) is one of
two styles based on
patterns that date to the 1880s.
Suitable for restoration
projects, both the Clas-
sic and the Victorian are
made of Galvalume,
a zinc-aluminum
alloy.
These stamped, scalloped
shingles are available in
a traditional satin finish
(unpainted), or in any
one of 26 “Kynar 500” col-
ors. Custom colors are
also available. The shin-
gles attach with hidden
fasteners, and offer a 9"
x 12" exposure. They’re sold
exclusively through dis-
tributors and contractors,
and the price usually in-
cludes installation. For a
licensee near you, contact
Berridge Manufacturing
Co., 1720 Maury St., Houston, TX 77026, (800) 231-
8127.

PRETTY IN PICKETS
ENCLOSE YOUR HOUSE OR
garden with a period-ap-
propriate pickett fence.
Components are milled
from northern white
cedar, then manufactured
into sections featuring a
choice of half a dozen
picket styles and nearly
two dozen post caps and
tops. There’s also an ex-
clusive line of 18th-cen-
tury fences licensed by
Colonial Williamsburg.
Design consultants will
help you select and plan
your fence. Other prod-
ucts include arbors, per-
golas, gazebos, cabanas,
and small outbuildings.
For a 114-page catalog ($8),
contact Walpole Wood-
workers, 707 East St., Wal-
pole, MA 02681, (800) 343-
6948 or (508) 668-2800 in
New England.

This spindle fence is one
of more than 100 designs
available from Walpole
Woodworkers.

Add Victorian panache
to your conservatory
floor with handmade
encaustic tiles.

SAFETY CHIC
THINK ABOUT IT: IF AN
article of apparel is com-
fortable and looks good,
you’re more likely to wear
it, right? That’s the idea
behind these easy-to-wear
fashion protective glasses.
Fitted with polycarbonate
lenses that are fog-
vented by Cistercian
monks in the 12th cen-
tury. Clays of different
colors are painstakingly
added, or inlaid, to a bas
relief base to create in-
tricate designs. Wildly
popular during the Vic-
torian era, these hand-
made tiles are available
from England in a vari-
ety of color combinations
and styles. Because each
floor is custom-assembled,
prices vary depending on
the complexity of the de-
sign and the quantity re-
quired. Delivery requires
four to six weeks. Contact
Tile Source, Inc., 1912
Chattahoochee Circle,
Roswell, GA 30075, (770)
993-6602.
RETRO LAMP

THE ORIGINAL VERSION of this 1950s table lamp was the work of legendary industrial-age designer Raymond Loewy, creator of the Coke bottle. Stiffel’s revival of the 31” twin-pull design is cast from the original molds and finished in brushed nickel or polished brass. The Retro Modern Collection includes five other ’50s styles, including a twin-pull desk lamp and two standing torchieres. The line retails for about $149 to $349. Call (888) 915-4448 for the nearest dealer, or contact Stiffel, 700 N. Kingsbury St., Chicago, IL 60610.

SEASONAL STORMS

HERE’S A TRADITIONAL-looking storm window that resolves the storm/screen dilemma without resorting to triple-track sashes. Each hardwood frame is custom-made to size with two interchangeable, flush-mounted insert panels: one glass, one mesh screening. To switch with the seasons, simply remove one panel and insert the other. Most windows can be changed from inside the house. Prices vary depending on size and quantity, but a 28” by 60” window with two panels costs about $190. Contact Colorado House of Doors, 6976 Country Road 107, Salida, CO 81201, (719) 539-4568.

Quick Jig Change

NO MORE REACHING FOR a wrench or screwdriver to change jig saw blades. DeWALT’s new variable-speed jig saw is the first to offer a tool-free blade clamp. The DW21K also provides extremely accurate cuts with decreased deflection. A keyless shoe bevel allows the shoe to pivot 45 degrees in each direction and to slide from front to back. This is the first system to accommodate both T- and universal-shank blades. The saw comes with a patented counterbalance system to reduce vibration and fatigue. It retails for $159 to $179 at home improvement stores. Contact DeWALT Industrial Tool Co., 626 Hanover Pike, Hampstead, MD 21074, (800) 433-9258.

DeWALT’s tool-free blade change jig saw comes with three cobalt steel blades.
WITH GEORGIAN MASSING BUT FEDERAL DETAILS, THIS TRANSITIONAL design is based on the General Salem Towne House, built in Charlton, Massachusetts, in 1796. Inside, well-proportioned parlors open off a generous center hall. The L-shaped kitchen opens into a spacious gathering room. There are three bedrooms, a third-storey bonus room, and a two-car garage. Authentic period details, including moldings and four- and six-paneled doors, are specified in the drawings.

Plan RS-02-EA

| Cost | $300 |
| Set of 5 | $360 |
| Set of 8 | $400 |
| Bedrooms | 3 |
| Bathrooms | 2½ |
| Square Footage | 4,043' |
| First Floor | 2,056' |
| Second Floor | 1,672' |
| Third Floor | 315' |
| Garage Square Footage | |
| First Floor | 672' |
| Second Floor | 432' |
| Ceiling Height | |
| First Floor | 9' |
| Second Floor | 7'9" |
| Third Floor | 7'10" |
| Overall Dimensions | |
| Width | 45'9" |
| Depth | 86' (with garage) |
OLD-HOUSE INTERIORS is a quarterly magazine on decorating and furnishing ideas from the editors of Old-House Journal. Every issue is filled with sumptuous interior photos, intelligently written articles, and classic approaches to design and decorating. This year, inspire the other old-house lovers on your gift list with a one-year subscription to Old-House Interiors.

TO ORDER: Use the convenient postpaid order card opposite. Or call 1-800-462-0211 and charge to MC or VISA. We'll even send a handsome gift card to announce your gifts. The FIRST GIFT subscription is $18 and EACH ADDITIONAL GIFT is only $16. Have your thoughtfulness remembered throughout the year and give a wonderful present that friends and family will truly appreciate and use.

THIS YEAR, SAY HAPPY HOLIDAYS
with a gift of beauty,
intelligence, and inspiration

Share the Beauty, Intelligence, and Inspiration of Old-House Interiors.
**HALL & PARLOR HOMESTEAD**

This two-room expandable plan is based on a folk housing form that dates to the earliest colonial dwellings. The large living area (the "hall") has a direct entry from the full-length porch; the smaller "parlor" serves as the master bedroom. The compact design includes a U-shaped kitchen and a dining area. The one-bedroom plan can easily be expanded to three bedrooms with a first floor rear addition (Phase II).

**Plan LG-19-FA**
- Cost: $170
- Set of 5: $230
- Set of 8: $270
- Bedrooms: 1 + 2
- Bathrooms: 1
- Square Footage: 829 sq ft
- Phase 2 addition: 355 sq ft
- Expanded square footage: 1,184 sq ft
- Ceiling Height: 8 ft
- Overall Dimensions
  - Width: 37 1/4 ft
  - Depth: 31 4/16 ft (incl. porch)
  - Expanded depth: 46 1/4 ft

**GARAGE WITH COVERED WALK**

This garage with its own covered walk would be appropriate with many Georgian, Federal, or Colonial Revival-style dwellings. The versatile plan features a wood-storage area on the side, unfinished storage space above the two-car bay, and an alternate location for the walkway.

**Plan RS-01-GA**
- Cost: $50
- Square Footage: 576 sq ft
- Overhead Storage: 460 cu ft
- Wood Storage: 120 cu ft
- Ceiling Height: 8 ft
- Ridge Height: 21 5/6 ft
- Overall Dimensions
  - Width: 29 ft
  - Depth (incl. walk): 40 ft

This garage with its own covered walk would be appropriate with many Georgian, Federal, or Colonial Revival-style dwellings. The versatile plan features a wood-storage area on the side, unfinished storage space above the two-car bay, and an alternate location for the walkway.
DURABLE SLATE

Providing the highest quality of craftsmanship.

- Slate, tile, and sheet metal. Repair, restoration, and new installation.
- Over 400,000 pieces of salvaged slate and tile currently available. Constantly buying new stock.

1-800-666-7445

Experience the beauty of classic millwork with our new brochure.

Send us $5 and we’ll send you our new brochure. And, you’ll quickly see that we specialize in reproducing museum quality 18th and 19th century architectural woodwork.

Following historic designs and using traditional joinery, we create a variety of custom and reproduction windows, doors, mouldings and more.

Architectural Components Inc., 26 North Leverett Road, Montague, MA 01351, 413 367-9441.

Antique Heart Pine Flooring

T&G Planks up to 11" wide
EXPOSED BEAMS
Dry ♦ Aged - Superb
Heart Pine Stairparts

Antique Heart Cypress
Custom Milling ♦ Doors
Paneling ♦ Shutters

American Hardwood Flooring
Beautiful
Unfinished or Prefinished
Naildown or Glue down

For a Free Brochure, call: (504) 567-1155
www.albanywoodworks.com

Experience the beauty of classic millwork with our new brochure.

sending us $5 and we’ll send you our new brochure. And, you’ll quickly see that we specialize in reproducing museum quality 18th and 19th century architectural woodwork.

Following historic designs and using traditional joinery, we create a variety of custom and reproduction windows, doors, mouldings and more.

Architectural Components Inc., 26 North Leverett Road, Montague, MA 01351, 413 367-9441.

Timeless & Enduring

Factory Direct Victorian Furniture

Shop with us at Heirloom Reproductions for the finest, most authentic, Victorian furnishings. Choose from a vast selection of Victorian pieces, all hand-carved in solid mahogany! Our 150-page catalog offers everything needed to make your home a Victorian treasure— sofas, chairs, marble-top tables, bedrooms, dining rooms, hall trees, curios, lamps, wardrobes, clocks and entertainment centers plus hundreds of fabrics and custom finishes!

For more information, call toll-free: 1-800-288-1513
MasterCard / VISA Accepted
For more information, call toll-free: 1-800-288-1513
MasterCard / VISA Accepted

Heirloom Reproductions, 1834 West 5th Street, Dept. OHJ, Montgomery, AL 36106
HOW TO ORDER OUR PLANS

MAIL-ORDER PLANS HAVE A LONG HISTORY IN SHAPING THE RESIDENTIAL ARCHITECTURE OF THE COUNTRY. Of the thousands of house plans available today, few exhibit good design and a grasp of historical proportion and detail. So, we've hand-picked plans for you, the most attractive, authentic, and buildable of the historical designs. Let us know what plans you're looking for.

You can order actual blueprints for all the houses featured. These plans are designed to conform to national building-code standards. However, the requirements of your site and local building codes mean you'll need the assistance of a professional designer (your builder may qualify) or an architect. Every location has its own regulations and requirements, which purchasers are responsible for meeting. The house plans featured are prepared by independent designers and Old-House Journal is not responsible for their content.

For the houses shown in this issue, blueprints may include:
- Detailed floor plans showing dimensions for framing. Some may also have detailed layouts and show the location of electrical and plumbing components.
- Interior elevations are included in some plans, showing interior views of kitchen, bath, fireplace, built-ins, and cabinet designs.
- Building cross sections: cornice, fireplace, and cabinet sections when needed to help your builder understand major interior details.
- Framing diagrams that show layouts of framing pieces and their locations for roof, first, and second floors.
- Energy-saving specs, where noteworthy, are included, such as vapor barriers, insulated sheathing, caulking and foam-scientific areas, batt insulation, and attic exhaust ventilators.
- May include foundation plan for basement or crawl space. (Crawl space plans can easily be adapted for full basements by your builder.)
- Why order multiple sets? If you're serious about building, you'll need a set each for the general contractor, mortgage lender, electrician, plumber, heating/ventilating contractor, building permit department, other township use or interior designer, and one for yourself. Ordering the 8-set plan saves money and additional shipping charges.

Other notes: (1) Plans are copyrighted, and they are printed for you when you order. Therefore, they are not refundable.
- If you would like information on ordering more than eight sets of the same plan, please call our Customer Service Department at (978) 281-8803.
- (2) Mirror-reverse plans are useful when the house would fit the site better "flipped." For this you need one set of mirror-reverse plans for the contractor; but because the reverse plans have backwards lettering and dimensions, all other sets should be ordered right-reading.
- (3) Heating and air-conditioning layouts are not included. You need a local mechanical contractor to size and locate the proper unit for your specific conditions of climate and site.

MAIL TO: OHJ House Plan Service, 2 Main Street, Gloucester, MA 01930
Or call (978) 281-8803 to charge your order.
Please send the following (use separate sheet if ordering more than one plan):

<table>
<thead>
<tr>
<th>PLAN NAME</th>
<th>PLAN #</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td></td>
<td>ONE COMPLETE SET OF WORKING DRAWINGS</td>
<td>$</td>
</tr>
<tr>
<td>#2</td>
<td></td>
<td>FIVE-SET PACKAGE</td>
<td>$</td>
</tr>
<tr>
<td>#3</td>
<td></td>
<td>EIGHT-SET PACKAGE</td>
<td>$</td>
</tr>
<tr>
<td>#4</td>
<td></td>
<td>PLEASE INCLUDE 1 ADDITIONAL SET OF MIRROR-REVERSE @ $25</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ADD POSTAGE &amp; HANDLING</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>$</td>
</tr>
</tbody>
</table>

SEND TO

STREET

CITY     STATE     ZIP

DAYTIME PHONE #

Please allow 3 weeks for delivery.

CHECK ENCLOSED □ VISA □ MC

SIGNATURE OF CARDHOLDER

Charges to your credit appear as Dovetale Publishers

PRICES GOOD THROUGH NOVEMBER 1998 ND97
A New Dimension For Older Homes

Since an "Elevette" provides a new dimension of luxury and practical convenience for owners of older homes, today's designers usually provide space in their plans for a residential elevator. It fits easily into restorations or renovations and is tax-deductible when doctor recommended.

For free literature, contact:

INCLINATOR COMPANY OF AMERICA
Dept. 21
PO Box 1557
Harrisburg, PA 17105-1557
Phone 717-234-8065

A LOVE OF THE HEART...
America's premier flooring manufactured from antique heart pine timbers

J.L. Powell & Co. Inc.
(910) 642-8989 • (800) 227-2007
600 South Madison Street
Whiteville, NC 28472

MOLDER/PLANER FOR
STRAIGHT, CIRCULAR, ELLIPTICAL* MOLDINGS
(Casings, Crowns, Picture Frames, Raised Panels)

Our W*7S Model offers Versatility and Durability

FEATURES:
- Duplication of historic profiles up to 3/4 in. deep
- Solid cast-iron base & head
- Molder-to-planer in less than 2 minutes
- Portable – on site or in the shop
- 7,000 rpm/two-knife system produces 78 cuts per inch.
- 100 standard knives
- Custom knives
- Five-year warranty
- Fully American-made

Williams & Hussey Machine Co., Inc.
Dept. 297BB P.O. Box 1149 Wilton, NH 03086
Tel: (603) 654-6828 • Fax: (603) 654-5446
1-800-258-1380

*Elliptical jig required

Cast bronze or aluminum
All sizes from medallion to road signs
Graphics and logos
Discounts to Historical Societies
Time Capsules
Custom wording from $78
National Register plaques from $35

Rush service available • Satisfaction Guaranteed

Visit our Internet site at
http://buttons.webrover.com/erielc/
THE BEST SOURCE FOR
INTERIOR STORM WINDOWS & SCREENS

WINSULATOR
A custom-made magnetic interior storm window installed over your existing window cavity.

- Virtually airtight magnetic seal
- Helps reduce condensation
- Made of superior insulating acrylic and vinyl
- Costs less than most replacement windows

HIDE-AWAY Screen
A custom-made interior roll-up mosquito screen installed over your existing window cavity.

- Interior or exterior application
- Ideal for windows and/or doors
- Can be installed with the Flex-Tite Winsulator

VENTINOX Liners
Save Chimneys!
...and provide safe, reliable venting for gas, oil and wood.

- Restores deteriorated chimneys
- Preserves aesthetic appearance
- Protects against harmful flue gases
- Improves chimney performance

Complete lining systems for all types of heating appliances & fireplaces.

Call today for FREE Information!
518-463-7284

ProTech Systems, Inc.
26 Gansevoort St., Albany, NY 12202
Leaders In Chimney Technology
SHERMAN, CT — 1831 Greek Revival, never remodeled, on 4 level acres with gardens. Ten rooms, 3 full plus 2 half-baths. Chestnut floors, 3 fpl, 2 story barns, good condition. New roof, furnace, septic, well. Privacy, 1 mile to good schools, small-town stores, town beach. Needs kitchen renovation. 90 miles to NYC. $395,000. (860) 354-2756.

OSWEGO, KS — Neat 2-story, 10 room, 2 1/2 bath house on 5 acres. Insulated 3x50 3-car garage and workshop. Open-front 34x100 barn. Joplin 1 hr, Tulsa 1.5 hrs, Wichita or Kansas City, 2.5 hrs. $120,000. (316) 795-4626.

FRENCH QUARTER, LA — 1890s raised double with 25 rms, balconies, hardwood floors, 12' ceilings, 5-car garage, courtyard, pool, owners' quarters. Licensed B&B, corporate and long-term rental history. $750,000. Fully furnished, turnkey option available. (504) 947-4488.

EASTON, MD — Old Victorian, presently 9 apartments; could be converted to B&B. All units rented; good cash flow. Located near the Tidewater Inn on Maryland's Eastern Shore. Gas hydronic 10-zone heating and 12 off-street parking spaces. Easton is rated #8 in small town living in the U.S. One hour from Washington, D.C., or Baltimore and 1 1/2 hours to Ocean City. $374,900. (410) 822-7170.

MANCHESTER, MD — Historic red brick farm on 25+ acres. Shows beautifully. Lovingly and authentically restored. Five BR, 2 1/2 baths, country kitchen w/cherry cabinets, all-wood floors, cozy parlor. Covered front porch, bank barn, storage shed, corn crib. Separate studio or craft shop. $565,000. Call (800) 222-6177, ext. 5755.

PIKESVILLE, MD — Elegant English Revival cottage in Baltimore suburb. MBR suite, 2 other BR, 1 1/2 baths, breakfast room w/bow window, crown moldings, wainscoting, mantels, built-in bookcases. Large lot w/trees and perennials, 20 minutes to downtown Baltimore. $105,000. (410) 484-4728.

EASTPORT, ME — Historic island seaport. Victorian former neighborhood general store building, 2nd floor apt. Near Nat'l Register port district. Harbor "glimpse" views. Pristine natural area. Excellent summer residence and shop, studio, or office. $35,000. (207) 929-3316. E-mail: delinea@ime.net.


NEWTON, MA — Magnificent Queen Anne Victorian in desirable West Newton Hill. Spectacular architectural detail, leaded glass windows, grand piano stairway, 9 fpl, Nat'l Register. Beautifully maintained. Office/au pair suite. $849,000. Remax First Realty. (617) 244-4409.

MONROE, MI — 1870 Greek Revival on double lot near downtown. Nat'l Register. Approx. 5,000 sq. ft., about 30% of which is 3 income-producing apartments.

FAIRFIELD, NJ — Six-year-old custom-built 5,800 sq. ft., 11 room Victorian Revival home. All rooms are large and elegant. Outside is 90% maintenance-free. Three-car garage built onto house w/separate oversize 3-car garage at the back of the 1 acre lot. 25 min. from NYC. $745,000. (973) 882-9285.

HUNTERDON COUNTY, NJ — Charming 1790 stone cottage w/large carriage
house/office, summer kitchen and garden house. Beautiful grounds w/stone walls, grapes, raspberries and perennials on 2 1/2 acres surrounded by nature preserve on Ratrani River. 50 easy miles to NYC. Weekend retreat or commute. $247,000. (908) 832-9029.


BAY RIDGE, NY — Restored brick row house. Parquet floors, pocket doors, 4 BR, large DR and LR, finished basement, deck, large garden, good commute to NYC, good shopping and dining. All appliances. 220 wiring. (718) 833-1412.


HEAD OF THE HARBOR, NY — Charming 1870s gatehouse. Loft ceiling, exposed beams, wide-planked floor, 2 fpl, closets galore. 3 BR, 2 1/2 baths, English gardens, huge trees. Central a/c, new gas furnace/ water heater. Low taxes. $245,000. (516) 862-5915.

NORTH SALEM, NY — Partially restored, pre-1845 farm house on country lane w/access to bridle trails. Three BR, 1 bath, fpl, wood burning stove, new kitchen. Taxes $5,850. Small lot but basement available. Separate building lot available. One-hour commute to Manhattan. $185,000. Call (914) 669-5873.

LA GRANDE, OR — Historic residence. 4 BR, 3 1/2 baths, large LR, 2 fpl. Centrally located. $325,000. (971) 295-3355.

LAS VEGAS, NM — 2 Natl Register Victorians. $255,000 award-winning restoration, 3 storey, 4/1 bath w/mansard tower and porthole windows, oak floors, cherry cabinets, many unique features; $75,000 partially restored Queen Anne brick, 4 brs, 2 bath, tower. (505) 425-3958, evenings.

ELIZABETH CITY, NC — Two storey home w/magnificent view of the Pasquotank River on a large lot. 4 BR, 1 1/2 baths, LR, DR, and carport. Built in the early 1920s. $249,900. (919) 473-2126.

RALEIGH, NC — 1920 stone 2,300 sq. ft. Cape Cod, 1.55 acres. Fpl, shelves, porch, hardwood fbs, FR, DR, 4 BR, 3 baths, basement, deck, central a/c, convert to NCSU/RTP. $250,000. Owner. (919) 839-6711.

TARBORO, NC — Restored 2-storey, ca. 1872, 3,900 sq. ft. Victorian on double corner lot in beautiful historic town w/wonderful climate. Renovated in 1991 w/new plumbing, wiring, roof, 3-zone heat and a/c. 4 BR, 2 full, 2 1/2 baths, 7 fpl. Perfect for residential and/or business. Owner anxious, must see to appreciate. Call (919) 649-1641.

AKRON, OH — Very elegant and structurally superb. Approx 3,300 sq. ft. brick center hall Colonial Revival, built about 1919. Ten rms, 5 BR, 2 1/2 baths, 3 fpl, orig. lighting fixtures, gourmet kitchen, 2 staircases, wraparound front porch w/ile floor, new zoned heating system. $142,500. (330) 533-9721.


MARTIN CREEK, PA — Converted 1858 Natl Register brick church on 2 wooded, landscaped acres with water garden, 5000+ deck views. Woodstove, eat in kitchen, master BR, 2 baths/jacuzzi, variable width pine floors, wine cellar. 90 min. to NYC and Philadelphia. $395,000. (610) 559-5583.

PHILADELPHIA, PA — Superb 1880 restored mansion and other historic buildings on the Natl Register, on 4+ acres in park setting. Income $10,000 per month. $795,000. (610) 365-4911.

STRAFFORD, PA — These Victorian walls hold a century of memories. 6 BR, 3 1/2 baths. $528,000. Matt Heim, Roach Wheeler Realtors. (610) 687-6300.


PAWTUCKET, RI — Ca. 1878, renovated Federal Revival in Natl Register district. Four units, 9,200 sq. ft., 20 rms, 8 baths, hardwoods, ample parking, well-land-
The Ward Quartersawn Clapboard

Authentically Produced Early American Clapboards

Over 100 years of continuous operation by the Ward family. Quartersawing produces a vertical grain which eliminates warping and accepts paint and stain easily for extended life and beauty. Spruce and pine. Widths from 4-1/2" to 6-1/2". Pre-staining available.

Ward Clapboard Mill

P.O. Box 1030
Waitsfield, VT 05673
Moretown, Vermont
(802) 496-3581
Fax 802-496-3294

CURTAINs

... custom made for historic homes in Arts & Crafts, Queen Anne, Shingle or Colonial styles. Choose stock or custom embroidery and applique in linens and raw silks.
Plain pin-stitched and other styles also, or make your own with patterns and yardage. Appropriate hardware, custom cut, available.
Call for free flyer or send $8.00 (deductible with purchase) for color brochure & swatches.

Ann Wallace & Friends
Textiles For The Home
P.O. Box 10567
Saint Paul, MN 55116
612-228-9611

End Heat Loss! with a Lyemance Top Sealing Fireplace Damper.

- Save up to $100 yearly.
- Eliminate downdrafts.
- Protect against animal invasion.
- Protect against moisture damage.
- Never rusts.

Call 1-800-757-7361 for the name of your local installer & a FREE brochure.

Make Walls & Ceilings Like New!

SPECIFICATION CHEMICALS, INC.
824 Keefer Street • Boone, IA 50036
800-247-3932
email: sales@spec-chem.com
online: http://www.spec-chem.com

END HEAT LOSS!
scaped, insulated, 1 fl. Income: $24,000. Double lot. $195,000. (401) 724-6582.


SCOTT COUNTY, VA — McConnell birthplace. Turn-of-the-century farmhouse situated on 7+ acres. For an audio open house tour, call the Tri-Cities Real Estate 24-hour hotline toll-free, (888) 84-1534, and request property #851. Snyder Real Estate.

SOUTH CENTRAL VA — Blissfully neglected, restorable 2-story post-Victorian on 78 acres with bold creek, 3 1/2 hours from Washington, D.C. Clean floor plan, 4 rooms over 4 with 3' wide foyers upstairs and downstairs. Nearly all wood in unspoiled, original unpainted condition. $107,000. United County-Davenport Realty (888) 333-9772. Fax (824) 736-0299. P.O. Box 120, Keysville, VA 23947.


**For Sale**

**BARN BOARD** — 7,000+ sq. ft. gray barn-board, over 100 years old. Interior beams, 30+ each. Buyer takes it all down. 40 miles west of Milwaukee. $4,000 or best offer. (414) 387-3377.


**GEORGIAN WAISCOOT PANELING** — Ca. 1770, floor to ceiling; 8 1/2 x 16'. Six Georgian raised-panel doors. Wide plank flooring. (973) 743-7277.

**ROPE BEDS** — Antique 1900s rope beds (9), Illinois family inheritance. Good condition. Call Bill Owens, (305) 895-8902, in Miami.

**CHANDIELIERS** — Electric, antique Arts & Crafts hammered brass, brown patina, 1900s, 5 lights each. Approx. 18” drop, 10’ wide. Very good condition. $275 each or best offer. Bill De Vries, (207) 562-7666.

**DINING ROOM CHAIRS** — Ca. 1860-1890, set of 5 ornately carved, high back chairs. Resprung, reupholstered in tapestry, with casters on front of legs only. Photo available. $6,000. (412) 927-2150.

**GAS RANGE, ENAMELED SINK** — Magic Chef gas range, 6 burners, 3 ovens, warming bin, all white, $2,995. Standard porcelain enamel sink with drainboards on right and left; 2 adjustable legs, 78" x 22", 12' tall backsplash. Both excellent original condition. D. Hooper, (818) 772-1721.

**CLAWFOOT TUB** — 4' long ball-and-talon clawfoot tub w/o fittings. Good condition. $400 cash and carry. Newburgh, NY; call (860) 849-870 after 6 p.m.

**ANTIQUE STREET LIGHTS, CLAWFOOT TUB** — Cast-iron street lights, 11 1/2' tall, 4' long clawfoot tub. Western Illinois area. (217) 225-1575 or (217) 221-7221.

**OHIO ISSUE COLLECTION** — All OHI issues, Vol XI-XXV complete from Jan. '83 through Nov./Dec. '97. Like-new condition, $200, including shipping. Call (617) 926-9444.

**CAST IRON TUBE RADIATORS** — Various sizes, several window types. Call for sizes. $50 each. Water or steam. (410) 408-2965.

**LOG CABIN** — Ca. 1865, hand-hewn logs, 16' x 24', 1 1/2 stories. Will dismantle, deliver, and assist with rebuilding for $12,000. Mark Johnson, (507) 243-3382.

**CHINA SINK** — With original faucets; 20" x 18'. Clawfoot tub free. Original porcelain faucets for tub, $35. J. Smith, 78 Hadley St., South Hadley, MA 01075.

**CHESTNUT DOORS** — 14 beautiful raised-panel interior doors, 3 entry doors w/glass (one beveled), 1 set bi-fold parlor doors (w/all trim moldings). Most w/original finish and hardware. Best offer. Day/evening, (301) 663-1358.

**ROCKING CHAIR** — Eastlake style, excellent condition, walnut, upholstered seat and back. Back can be adjusted to different reclining angles. $300. Harper, P.O. Box 1995, Mattituck, NY 11952.

**VICTORIAN DESIGN CORBELS** — Projection 20", 9 1/2"W x 25"H. Western red cedar, painted white w/deep green. High quality. Total of 42 pieces. Pictures available. $85. Call (312) 772-6839.

**FREE FOUR SQUARE HOUSE** — Frame ca. 1926. Four square house and brick garage must be moved from Alexandria, VA, site ASAP. May be moved or dismantled. Possible pattern-book house. Photos available. (703) 838-3866, ext. 324.
Handcrafted Copper Roof Ornaments
- Ridge Cresting  
- Weather vanes  
- Copper Cornice  
- Finials  
- Cupolas   
- Leader Boxes  
- Roof Vents & Plumbing Vent Covers

A unique selection of copper ornaments ready to install or customized to your needs. Catalog $3, refundable with your first order.

Vulcan Supply Corp.
P.O. Box 100  Westford, Vermont 05494

We Can Solve Your Paint Removal Problems!

PAINT SHAYER

The Most Effective, Efficient and Ecologically Safe Paint Stripping System Available Today for Cracking and Peeling Paint on Shingles and Clapboards

- Strips one square foot of paint in 15 seconds,
- Retrieves stripped debris into vacuum systems. Can also be used for lead paint removal,
- Eliminates the need for chemicals, sandblasting or heat removal.

SANDER VAC
Dust-free sanding for all surfaces indoor and out.

AMERICAN INTERNATIONAL TOOL INDUSTRIES, INC.
1140 Reservoir Ave. Suite L01  Cranston, Rhode Island 02920
(401) 942-7855  1-800-932-5872

“I sell barnwood very reasonably. Call me for a price quote.”

Joe Rizzo, Proprietor - Country Road Associates, LTD.

- Flooring in rare chestnut, wide-board pine, oak, & heart pine
- All wood in natural state, with trimmed ends (can be thickness planed and tongue & grooved)
- Random widths from 3” to 20”
- Weathered barnsiding in different natural colors: classic red, gray, silver gray, and brown.
- Large Quantities available  
- Deliveries throughout the USA

COUNTRY ROAD ASSOCIATES, LTD.
P.O. Box 885, Millbrook, NY 12545
914-677-6041  Fax: 914-677-6532

PLEASE VISIT OUR NEW SHOP ON FRANKLIN AVENUE.
OPEN THURS - SUN 10-4 OR BY APPOINTMENT
EMPORIUM

For Sale (continued)


BARN FULL OF CHAIRS — All need care or rush and some refinishing. Selling Victorians, laddersback, etc. Most only $5- $10. In Staten Island. (718) 948-7562.


PIER MIRRORS AND CHANDELIERS — Two fine condition gold leaf/gilt-finish pier mirrors, 6 1/2' and 7' tall, both 5' wide. Also 4 European chandeliers in bronze/crystal (most 4' length). Reasonable prices. (501) 253-2425.

SINK — Old, grey marble, 28" x 20", w/curved, slightly raised edge, porcelain bowl, original faucet. Crack at back. Northern Connecticut near I-84. (860) 872-7815.

MISCELLANEOUS — Large, unique, 24" x 33" 1920s pedestal sink. $200. Beveled glass door panel, $500. Clawfoot tub, $250. Corner cabinet w/glass door design, 3 x 2 x 1/2", $100. (603) 948-0200.

WANTED

LARGE BRASS MAILBOX — 1925-era for installation in restored major office building. Wall-mounted with or without chute. Please write, phone, or fax w/dimension size, price, and shipping terms. Kristel Hansen, Markham Co. of St. Paul, 408 St. Peter St., #425, St. Paul, MN 55102. (612) 222-7453.

BUNGALOW EXTERIOR DOOR — Arts & Crafts, 35"x80", 3 lights across top, row of dentils beneath. Hinges on right (from outside house) Prefer western MO area. (816) 561-6897.

SHUTTERS — Moveable slat type, various sizes. Willing to do some work if they are in good general condition. Also need shutter dogs and other shutter hardware (bits and pieces are OK). (914) 625-4161.

SHUTTER HINGES — 1 1/2" x 2 1/4", pin diameter 3/16", 12 left, 6 right. Shutter locks, 1 1/2" square plate, 8 pairs. Interior louvered shutters, 22" x 32" pair, 10 pairs. 28" x 32" pair, 11 pairs. (600) 235-0379.

Events


LAPORTE, IN — Christmas Candlelight Tour of Historic Homes, Saturday and Sunday, Dec. 5-6. $12 in advance includes sleigh ride. Call Don Bowman, (269) 324-6605.


LOUISVILLE, KY — Old Louisville Holiday House Tour, Saturday, Dec. 6, and Sunday, Dec. 7. Splendid Victorian homes, featuring beautiful leaded and stained glass windows. For tickets call the Old Louisville Information Center, (502) 625-8244.

NEWPORT, KY — Victorian Christmas Tour and Art Festival, Dec. 6-7, from 1-7 p.m. Tour a variety of restored Victorian homes and churches decked in Christmas finery in Newport's East Row Historic District. Call (803) 591-1951.

CHARLESTON, SC — Arts benefit featuring pianist Andrew Armstrong to honor the grand opening of the Sottile Thompson Recital Hall, Sunday, Oct. 26, at 6 p.m. Reception follows in the McBee House on the Ashley Hall campus. For information, call (803) 722-4088.

Classified ads in The Emporium are FREE to current subscribers for one-of-a-kind or non-commercial items, including personal house or property sales. Free ads are limited to a maximum of 40 words. Free ads and b&w photos are printed on a space available basis. For paid ads (real estate through agents, books & publications, etc.), rates are $5 for the first 40 words, $5 per additional word. $5 for a photograph. Deadline is the last of the month, two months prior to publication. For example: January 1st for the March/April issue. All submissions must be in writing and accompanied by a current mailing label for free ads, or a check for paid ads.

Old-House Journal
Attn: Emporium Editor
2 Main Street, Gloucester, MA 01930
SPIKES®

Block Pest Birds from Landing Strips!

- TRANSPARENT
- TOUGH
- ECONOMICAL
- EASY TO INSTALL
- DENSE
- FLEXIBLE
- ENVIRONMENTALLY SAFE

Call 800-662-5021 or write today for literature featuring the most effective range of bird-repellent products available. Eliminates pest birds and the mess they bring to your property.

THE BIRD CONTROL "X-PERTS"

BIRD-X

300 N. ELIZABETH ST. DEPT. OH
CHICAGO IL 60607
312-667-2480 FAX

SPRING COUNTERBALANCES

Struggling with your windows? Replace old pulleys, weights, and ropes for smooth, trouble-free operation.

No need to remove the sash. Send for more information through the Reader's Service section of this issue.

Pullman Mfg. Corp.

PHONE: 716-334-1350  FAX: 716-359-4460

Decorative Metal Ceilings
Original turn-of-the-century patterns

Using eighty year old dies, the W. F. Norman Corporation is once again producing metal plates for the design of ceilings and wall coverings. Their growing popularity stems not only from nostalgia but from their beauty, permanence, fireproofing and economy.

The fullness of the Hi-Art™ line — including center plates, corner plates, border plates, cornice and filler plates — permits classic designs to be produced that are architecturally proportioned for an exact fit.

Write for reproduction copy of 72 page illustrated catalog. Price $3.

W.F. Norman Corporation
P.O. Box 323 • Nevada, Missouri 64772 • 1-800-641-4038
Fax: 417-667-2708

Plastmo & K-Snap Vinyl Raingutters...Durable, Easy to Install

Plastmo and K-Snap vinyl gutter systems are engineered with reinforced gutter rims, heavy duty brackets, and permanently glued joints to withstand severe climates. All vinyl parts are colored throughout, and made from impact resistant, UV stabilized PVC. The Plastmo gutter design has proven its superiority for over 30 years.

Send for more information or training is needed. Components snap together easily for rapid installation.

Available in sizes 4", 5", 6", 1/2 round and traditional style. Three colors in stock.

Plastmo Call Plastmo, Inc. for further information.
K-Snap 8246 Sandy Court, Jessup, MD 20794 • 1-800-899-0992 • FAX 410-792-8047 www.plastmo-ltd.com
EMPORIUM

Restoration Services

This classified section is available to designers, consultants, contractors, and craftspeople offering restoration services.

Architectural Services

ARCHITECTURAL SERVICES — Thoughtful
and knowledgeable architectural preser-
vation services that meet owners’ needs and
respect for their buildings. Brief consulta-
tions to full services — building evaluations,
research, trouble-shooting, technical assis-
tance, and historic structure reports, architec-
tural services for restoration, conservation
and addition. The Office of Allen Charles
Hill, AIA, Historic Preservation & Architec-
ture, 25 Englewood Rd., Winchester,
MA 01890-1503. (617) 729-0749.

Building Portraits

BUILDING PORTRAITS — Finely crafted
watercolor facade drawings for your home
or admired building taken from your pho-
tographs and/or drawings or plans. Con-
tact: Robert J. Leanna II, 41 Green St.,
Newburyport, MA 01950. (508) 465-1095.

Financial Services

FINANCIAL SERVICES — Whether you are
renovating an older home or want to buy an
older home to restore, we can help take
the frustration out of obtaining a loan.
eighty-four pages of information, charts,
and worksheets that help you cut through
the red tape quickly. For more information
write to Helfrick Wisdom Enterprises, Inc.
F.O. Box 18067, Fountain Hills, AZ 85269,
or fax us at (602) 846-4937.

Home Inspection Services

COMPLETE HOME INSPECTION SERVICES
— Providing methods of repair with cost esti-
mates, pre-purchase home inspections and
expert witness testimony. ASHI member
and third generation master restoration carpenter.
Twenty-five years of hands-on experience
does make a difference. For more infor-
mation and a free curriculum vitae contact
the office of Ross Gibson, 47 Ginty Dr.,
North East, MD 21903. (410) 378-3185.

Masonry & Plaster

PLASTERING CONSULTANT — Let a 35-year
master craftsman in plain and ornament-
tal plastering walk you through a large or
small job, from the first idea through suc-
cessful completion. Don Smith, 476
Olivette Rd., Ashville, NC 28804. (704)
254-5901, best time to call, 5-10 p.m. E.S.T.

Painting & Color Schemes

THE COLOR PEOPLE — Our experience
shows after 15 years and hundreds of build-
ings in 46 states. Others have copied our
mail order service, but the beauty of our
homes can’t be duplicated. The Color Peo-
ple, 1322 Blake Street, #300, Denver, CO
80202. (800) 541-7174, fax (303) 534-4000.

DISTINCTIVE DESIGN — See the result
before it’s painted. Have an experienced,
professional designer create a color scheme
for your home’s exterior. Detailed instruc-
tions for your painter. Enhance architec-
tural details, avoid costly mistakes, escape
indecision. Satisfaction guaranteed. Avail-
able nationwide by mail. 108 Cherry Street,
Katonah, NY 10536. (800) 608-0063.

EXTERIOR DECORATOR — Add class,
elegance, and style, using a color scheme
and/or architectural embellishment to
improve the character of your home or
business. The Turning Point Woodworks,
270 Grand Ave., St. Paul, MN 55105. (612)
608-4227 or fax (612) 698-7771.

Preservation Specialists

PRESERVATION CONSULTANT — Problems
with your historic building? Consulting for
homeowners, architects, contractors, and
tradespeople on restoration of historic struc-
tures. Nationally recognized and frequent
OHJ contributor. Provides practical and
ancial solutions. John Lecke, 26 Higgins
St., Portland, ME 04103. (207) 773-2306.

Structural

STRUCTURAL RESTORATION — Specialists in
structural member replacement to Colo-

tional timberframe homes, barns, gist mills
and log cabins. Thirty years experience in
jacking, squaring, sill replacement, and
interior and exterior restorations. Repair
to structures damaged by natural disasters.
Consulting services available nationwide.
George Yonhonne Restorations, RD 3 West
Center Rd., West Stockbridge, MA 01266.
Phone/fax (413) 232-7060.

STRUCTURAL RESTORATION — Private con-
ulting service for antique and colonial
homes and buildings. Interior and exterior
restoration and repair, storm damage repair.
Over 20 years experience in jacking and sill
and beam replacement. Structural, anti-
termite, powder post beetle damage repair.
Doucette Restoration, 9 Canal Street Wilms-
ting, MA 01887. (508) 677-7912.

STRUCTURAL AND ALL PHASES OF
RESTORATION — of historically significant
wood timber buildings, using authentic
timber and methods ensuring authentic
replication of sills, posts, beams, joists, and
rafters. For Historical Society references
contact: Kenneth E. Earle, 84 Oak Hill
Rd., Pascoag, RI, 02855. (888) ROM 6:
23-8 or (888) 766-6258.

POST & BEAM CONSTRUCTION — Old barn
restoration, dismantling and re-erec-
tion, conversion to home. Experienced in build-
ing exposed timber homes using salvaged
timbers with modern insulation, plumbing,
and electrical. George Bamberg, Cen-
ury Construction, Madison, OH 44057-
3221. (216) 428-6272, fax. (216) 428-5465.

Wood Stripping

HONE WOODSTRIPPING AND
REFINISHING, INC. — All architectural
wood finishes expertly stripped and
refinished, since 1983. New Jersey-based;
will travel. Free estimates, fully insured. Con-
tact: Jack Hone, 5 Spring Lane, Warren, NJ
07059. (908) 467-7120.

WOOD FINISHING SERVICE — Mas-
Ter Finishing & Restoration Inc., specialists
in all aspects of stripping, finishing, restora-
tion, and/or conservation of architectural
woodwork and furniture. Precise color
matching. Intelligent and creative solutions
for all your wood refinishing projects. No
job too large. Boston-based; will travel.
Wayne Towle, 175 Crescent Rd., Needham,
MA 02294. Or call (617) 449-7335.

Rates are $2.00 for the first 40 words, $4.00 for each additional word. The
deadline for inclusion is the 1st of
the month 2 months prior to publication
(January 1st for March/April issue). Submissions must be in writing and ac-
companied by a check. Mail to:

Old-House Journal
Restoration Services,
The Blackburn Tavern,
2 Main Street,
Gloucester, MA 01930
CUSTOM WOOD TURNINGS

- Hand rail & fittings
- Balusters
- Newel posts
- Porch posts
- Columns
- Fluting
- Spiral rope twist
- Finials
- Furniture parts

No minimum order
Shipment coordination
Send $5.50 for catalog

156 Main St., P.O. Box 338
Ivoryton, CT 06442
(860) 767-3236 Fax (860) 767-3238

COPPER • BRASS
BRONZE & PEWTER
METAL COATINGS
(WATER BASE FOR ALL SURFACES)

PATINA
ANTIQUE FINISHES
VERDIGRIS, GREEN, BLUE
BLACK, BROWN, BURGUNDY

FREE BROCHURE
1-800-882-7004

ARCHITECTURAL SHEET METAL ORNAMENTS

Now available from the W.F. Norman Corporation, makers of Hi-Art® Steel Ceilings - a complete, 94-year-old line of architectural sheet metal ornamentation including:

- moldings
- balusters
- brackets
- newels
- caps
- rosettes
- finials
- grills
- leaves
- cornices
- engravings
- leaves
- garlands
- leaves
- consoles
- lion heads
- risers
- crestings
- pilasters
- and fittings
- finials
- frames
- ornaments
- columns
- newel posts
- porch posts
- columns
- fluting
- spiral rope twist
- finials
- furniture parts

No minimum order
Shipment coordination
Send $5.50 for catalog

156 Main St., P.O. Box 338
Ivoryton, CT 06442
(860) 767-3236 Fax (860) 767-3238

NEW!!!!!!! 4 IN 1 DEMOLITION TOOL

Ax & Sledge hammer

D-handle ceiling, drywall hook, & Pry tool.

For a FREE brochure call T-N-T TOOLS at
1-800-83-TOOLS (86657)

QUALITY AND VALUE, SINCE 1931

METAL

Only $425
For 3½" Diameter
11-Riser Kit F.O.B.
Broomall, PA

Only $1575
For 4½ Diameter
11-Riser Kit F.O.B.
Broomall, PA

Only $3300
For 6 Diameter
11-Riser Kit F.O.B.
Broomall, PA

Diameters 3½" to 7½"
Diameters 4½" to 6½"
Diameters 4½" to 6½"

All kits available in any floor-to-floor height and BOCA/UBC code models. Made in the U.S.A.

Call for the FREE 32 page color catalog:
1-800-523-7427 Ext. HJ17
or visit our Web Site at http://www.thetronshop.com

Showroom/Warehouse Locations:
Broomall, PA (610) 544-7100 Houston, TX (713) 789-0648
Ontario, CA (909) 605-1000 Chicago, IL (312) 952-9010
Sarasota, FL (941) 925-1679 Stamford, CT (203) 325-8466

Please send me the FREE 32 page color catalog:

Name ____________________________
Address ____________________________
City ______ State ______ Zip ______

Mail to: The Iron Shop, Dept. HJ17, Box 547,
400 Reed Rd., Broomall, PA 19008
WOODED FLOOR GRATES

From 2"x10" to 20"x32"
- 3 FLOOR MODELS
- BASEBOARD • WALLMOUNTED
- UNFINISHED OR PREFINISHED
- EGGCRATE OR LOUVERED

Send $2.00 for catalog and receive a $5. coupon to:

GRATE VENTS
9502 Linder Ave.
Crystal Lake, IL 60014
(815) 459-4306

Where can you find the USA’s largest selection of wood cookstoves?

In the heart of Ohio’s Amish country at Lehman’s old time general store. You’ll also find thousands of items you haven’t seen since visiting Grandpa’s homestead. Pre-electric lighting, a full line of granny-ware and cast iron cookware, copper kettles, gas refrigerators, hand pumps, apple peelers, grain mills, and the books that tell you how to use them. Send for our 2,500-item catalog today!

Plaster Washers

Now you can save and restore your plaster ceilings and walls for just pennies.

Charles St. Supply Co.
54 Charles Street
Boston Ma. 02114

Call: (617) 367-9046
or toll free (800) 382-4360
Fax: (617) 367-0682

Volume Discounts
Next day delivery available
All major credit cards accepted
10 days, for $50 — 21 days, for $20
Complete starter kits $5.00 & up.
(plus S/H, UPS)

ANTIQUE REPRODUCTION SHOWERHEAD

12-Inch Diameter

The most luxurious and soothing shower imaginable will be yours with this decorative 12-inch-diameter County French-style showerhead. A unique, self-contained reservoir neutralizes outlet water pressure and lets water fall rain gentle through more than 450 openings in a pattern large enough to cover your entire body. The sensation can only be described as “incredible”. Available in either polished brass or chrome reservoir with stainless faces. Installs to standard 1/2" piping quickly and easily with J.B. Adapter.

JB Products, Inc., 500 N. Oakwood Rd.,
Lake Zurich, IL 60047 (847) 438-4141

JB Products is a division of Arrow Pneumatics, Inc.
Restoration Glass will change your view of history.

Why are architects specifying authentic Restoration Glass™? Because it’s imperfect.
Each sheet is made by craftsmen, using the original cylinder method. Yet this glass easily meets today’s building codes. And it’s available in two levels of distortion.
Once you’ve seen the difference Restoration Glass makes, no true restoration will look authentic without it.
For details call or fax: Our New Jersey location: 1-800-221-7779, outside the U.S.A. 973-471-1733 or fax 973-471-3475.

DeVenco
159 1/2-B Monticello Ave.
Suite 240, Dept. OHJ-12.97
Williamsburg, VA 23185
1-800-888-4597

BENDHEIM

The Woodfactory
Authentic Victorian Millwork
111 Railroad St., Dept. OHJ
Navasota, TX 77868
409-825-7233
Moldings • Screen Doors • Porch Parts
Custom Woodwork • Ornamental Trim
Send $2.00 for a Catalog

Enrich Your Home With Quality Grilles & Registers
Cast Iron • Cast Brass • Cast Aluminum • Wood
Over 200 Sizes & Styles in Stock • 44 Page Color Catalog $1
Call (978) 772-3493
The Reggio Register Co.
Dept. D711, P.O. Box 511
Ayer, MA 01432

EXTERIOR SHUTTERS IN CEDAR
Shipped Anywhere
Moveable Louvers, fixed louvers or raised panel.
Custom curved tops.
Unfinished or painted in your brand & color.
Interior Plantations in 2 3/8" and 3 1/2" louvers.
Hinges and Holdbacks.

NOT ALL CHIMNEY LINERS ARE CREATED EQUAL.
Home restoration experts know the difficulties involved in making old chimneys into safe and structurally sound chimneys, while maintaining their historic integrity.
That’s why more and more people are calling on GOLDEN FLUE. We’re the cast-in-place masonry liner experts with America’s most fire retardant chimney lining mixture.
Poured and hardened right in the chimney, GOLDEN FLUE even increases the strength of the original structure.
Before you settle for a stainless steel liner, tile liner, or GOLDEN FLUE “look-alike” call the experts who started it all for a free brochure and the name of an authorized GOLDEN FLUE dealer in your area.

Call For A FREE Brochure Today. 800-446-5354

COUNTRY DESIGNS
BARNS, SHEDS, GARAGES, STUDIO COTTAGES, GARAGE APARTMENTS, VACATION HOUSES also other accessory buildings and a folio of period fences.
SEND $6.00 FOR CATALOG TO: COUNTRY DESIGNS, BOX 774J, ESSEX, CT 06426

Shuttercraft, 282 Steplestone Hill
Guilford, CT 06437 (203) 453-1973

We're In America's Most Historic Chimneys.
Building Components


73. RESTORATION GLASS — Imperfect glass is perfect for restoration work. Each sheet is made by using the original cylinder method. Free brochure. Bendheim Glass.

90. TRADITIONAL WIDE PLANK FLOORING — Up to 20" wide. Authentic floors. Your source for beautiful plank flooring nationwide for over 30 years and through two family generations. Free literature. Carlisle Restoration Lumber, Inc.


44. HYDRONIC HEATER — Clean, safe, healthful, and inexpensive floor-to-ceiling warmth. Portable or permanent baseboard installation. Free information. Hydro-Sil Heat Co.


64. ELEVATORS — Manufacturers of residence elevators, stair lifts, and dumbwaiters. Free brochure. Inclinator Company of America.

69. WALL RESTORATION — Repair cracked plaster walls and ceilings. Installs easier than wallpaper; no need to remove woodwork. Stops air infiltration and creates a vapor barrier. Free video. Specification Chemicals.

79. HAND-CRAFTED BY VERMONT COPERSMITHS — Finials, weather vanes, vented ridge, ridge capping, leader boxes, cupolas, and roof vents. Custom orders are also welcome. Catalog, $3.25. Vulcan Supply Corp.

733. GUTTER PRODUCTS — Offering copper and aluminum half-round gutters with accessories; copper and aluminum bay window strip miter, copper-colored aluminum coils and more. Free literature. Commercial Gutter Systems.

726. CAPSTONE SHINGLES — The only premium shingles with slate-like looks and dimensionality. Offered in 2 colors. Free brochure. Elk Corporation.

790. VINYL RAIN GUTTERS — Durable, easy to install vinyl gutter systems, half-round or traditional designs. No specialty skills, just snap together for rapid installation. Free literature. Plastimo Vinyl Rain Gutters.

866. ANTIQUE STOVES — We deal in wood, gas & coal Kitchen & Heating ranges. Our specialty is from circa 1790-1930s. We sell restored stoves for all rooms of your home. Free literature. Good Time Stove Co.


922. GAS FIRES, Mantles, Surrounds — English made Glow-worm gas fires have four heat settings, from 10,000 to 24,000 Btu/hr and the most charming, realistic flame Natural or LP. English mantles and tile. Literature, $5.25. Energy Products Importers.


Decorative Materials

20. TIN CEILINGS — 22 original Victorian and Art Deco tin ceiling patterns. Several patterns by special order in brass and/or copper. Cornices, pre-cut miters, and center medallions. Brochure, $1.25. AA Abingdon Affiliates.


47. COUNTRY CURTAINS — Over 100 curtain styles and fabrics to choose from. More lengths and widths than you'll find almost anywhere, all ready-made & conveniently available. Free 68-page color catalog. Country Curtains.


103. DECORATIVE GAS COAL FIRES — Real Flame decorative brass, steel & iron fireplaces and Gas Coal fires. Free literature. Homefires.


773. TILE — Ceramic tile, terra cotta, and natural stone products. The line ranges from hand-painted wall tiles to rustic stone pavers. Free catalog. Tile Showcase.

788. DECORATIVE CEILING TILES — Polymer ceiling tiles resemble tin ceilings. Tiles are made for nail-up or suspended grid systems. Several patterns to choose from. Free literature. Snelling's Thermo-Vac, Inc.

Doors & Windows


16. WOOD SASH — Divided lite, round top, curved, double-hung, fixed, casement, or storm sash. Insulated glass, shutters, screen doors, and trim. Brochure, $2.75. Midwest Architectural Wood Products.


795. ALL WOOD INTERIOR & EXTERIOR SHUTTERS — Premium quality, all wood, tra-
HomeSaver® Chimney Liners

FOR RESTORING GREAT OLD CHIMNEYS ON GREAT OLD HOMES

New life for gas, oil, and woodburning chimneys. Our UL Listed, flexible, stainless steel liners are unsurpassed in strength and protection. Call or write for a FREE brochure and the name of an installer in your area. (800) 437-6685.

HomeSaver Chimney Liners • P.O. Box 664, Fairfield, IA 52556 • www.homesaver.com

ELECTRIC FANS FROM THE 1890S TO 1990S
SALES • RESTORATIONS • PARTS • RENTALS
THE FAN MAN • 1914 ABRAMS PARKWAY • DALLAS, TX. 75214 • (214)826-7700
SEND $2 FOR BROCHURE

Bird Control That Works!

Nixalite Stainless Steel Porcupine Wire
- It Works!
- Long Lasting
- Humane
- Inconspicuous
- Repels All Birds
- Easy To Install

Proven effective since 1950!
Ph: 800/624-1189
Fax: 800/624-1196
Web - http://www.nixalite.com

Nixalite® of America Inc.
1025 16th Ave OHU
East Moline, IL 61244
309/755-8771 Fax:309/755-0077

Authentic Colonial Woodworking

Windows, Doors and Entryways
Old Glass, Moldings
Raised Panel Walls

Brochure $2.25

Maurer & Shepherd Joiners Inc.
122 Naubuc Avenue
Glastonbury, CT 06033
(203) 633-2383

IMPEL® RODS

- Stops rot in existing structures
- Poisons the wood against wood destroying organisms
- Safe and easy to use
- Enables the conservation of original wood over replacement
- Cost effective solution

WOOD CARE SYSTEMS

751 Kirkland Ave., Kirkland, WA 98033
For more information:
tel: 800-827-3480 fax: 425-822-5800
on-line: www.woodcaresystems.com
Shutter Shop
Shutter Sets
Or Individual Panels
• Colonial raised panels
• 1 1/4" Movable louver
• 2 1/2" Movable louver
• 3 1/2" & 4 1/2" movable louver
• Hard to find sizes
• Lengths to 120"
• Panel widths to 37"
Send $3.00 for our catalog full of interior and exterior shutters.

Shutter Shop
P.O. Box 11882, Charlotte, NC 28220
704-334-8031

Send $5 for our full color catalog.
catalog fee refundable with order
251 S. Pennsylvania Avenue
PO Box 469, Centre Hall, PA 16828
814-364-9577

Victorian Lighting Works

REPLACE ROTTED SASH
Any style, any size.
Wood storms and screens, too. Costs
less than you think.
Fast turnaround. Insulated glass
available. Send $2.50 for literature.

300 Trails Road
Eldrige, IA 52748
319/285-8000
FAX 319/285-8003

Looking Forward to Another SHOCKING
Winter?
Call now to order classic evaporation
humidifiers for your steam or hot water
radiators. These simple one-piece units rely
on evaporation only, so you never have to
deal with chemical additives, mechanical
failure or toxic dust particles.
The 18-inch galvanized steel humidifier
slides into the end of your radiator and
holds one quart of water.
Call today... before the sparks begin to fly!

$16.99 ea. add $5 shipping & handling
$56.95 set of 4 add $5 shipping & handling
shipments within MN, add 6.5% sales tax

STREET LEVEL SUPPLY
4602 Bryant Ave. S., Minneapolis, MN 55409
612-824-7855 fax 612-824-1169

Superb grace of design.

Send $2.00 for our catalog full of
Or individual
Shutter Sets
available. Send $2.50 for literature.

Emporium

31. ROTTED WOOD RESTORATION —
2-part epoxy system restores rotted wood
so you can save historically significant
and hard-to-duplicate pieces. Free
brochure. Abatron, Inc.

8a. STOP WOOD DECAY — Solid glass-
like rods inserted into drilled holes. Dissolve
and diffuse through damp wood, poisoning
the wood for wood destroying organisms.
Free literature. Wood Care Systems.

54. T-N-T DEMOLITION TOOL — Four
tools in one. Axe, sledge hammer, d han-
dle hook and dry tool. Saves time and
space for tearing out wood, brick, drywall
and other construction material. Free lit-
erature. T-N-T Tools, Inc.

59. GREAT STUFF — America’s best sell-
ing foam sealant. Insulates and air-seals
cracks and holes around window and door
frames, plumbing and wiring penetrations.
Free brochure. Flexible Products Co.

479. MOLDER-PLANER — Reproduce
railing, sashes, crowns, rails, window and
door stops, and curved moulding with
shutter, free finishes. Free information kit.
Williams & Hussey.

595. ROCK-HARD PUTTY — Repair walls,
woodwork, and plaster. It can be sawed,
chiseled, polished, colored, and molded.
Free literature. Donald Durham Co.

61a. PAINT SHAVER — Patented ecologi-
cally-safe power tool strips paint from shing-
es and clapboards. Dust collector allows
encapsulation of debris. Free literature.
American International Tool Industries.

61g. DUST-FREE SANDING — Vacuum
system HEPA filter available with the
Random Orbit sander, half-sheet finish
sanders, rotary sanders, and triangular
sander. Free color brochure. Fein Power
Tools, Inc.

672. OLD-FASHIONED APPLIANCES —
Victorian style cook stoves, gas refriger-
ators, slater’s and blacksmith’s tools. Hun-
dreds of 19th-century items. Catalog.
$2.25. Lehman Hardware.

702. WATER BASE METALLIC COAT-
INGS — Copper, brass, bronze, manve
and silver. Finishes include green, blue,
Elegance You Can Afford
FOR OVER HALF A CENTURY
Direct from King's, the Designers and Makers.
$4.00 for illustrated catalog (1st class mail)
of our all-cystal chandeliers; our genuine
SWAROVSKY STRASS; our handsome, hand-polished
brass and crystal (wired) Victorian gas reproductions.
Satisfaction guaranteed.
See us on the internet @ http://www.chandelier.com/
KING's CHANDELIER COMPANY
910-623-6188
PO Box 667 Dept OHJ1197, Eden NC 27289

TODAY'S TECHNOLOGY PRESERVING
THE LOOK OF THE PAST
Do you appreciate the old world style of gutters
downsputs and desire to restore, enhance
and preserve your home in harmony with the original
intent of its design? If so, Classic Gutter Systems
introduces authentic 6" half-round gutter in both
heavy copper and heavy aluminum.

- up to 26' lengths shipped nationally
- complete line of half-round accessories
- unique nut & bolt adjustable hanging system
- cast brass & aluminum facia brackets
- cast brass & alum. decorative components
- buy direct from the exclusive manufacturer
- installation video & samples available
- information & pricing available upon request
- all major credit cards accepted

5621 East "D. E." Avenue Kalamazoo, MI 49004
Phone (616) 382-2700 Fax (616) 343-3141

THE ORIGINAL
TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance

THE ORIGINAL TIN CEILINGS
AND WALLS
- 26 Patterns lay-in & nail-up 2'x8', 2'x4', 2'x2'
- Brass, Copper, Chrome-plated
- Steel and Pre-painted white
- Stainless steel for backsplashes
- 13 Cornice styles & Pre-cut miters
- Send $1 for brochure
- Call for technical assistance


56. Early American Lighting — Hand-made reproduction fixtures include...
DISCOVER AMERICA'S PROUD PAST
The heart of the home
Antique Heating Stoves Gas AND Wood Ranges

The antique stove has proven itself superior in efficiency, craftsmanship, and quality. Proprietor Steve Black Richardson has a hand-picked collection of these timeless beauties and all have been restored to their original elegance and charm. Steve Black will personally help you find the perfect antique wonder to grace your homes' special room. Call for more information.

GOOD TIME STOVE CO.
413-268-3677 - Fax 413-268-3284 - stoveblack@goodtimes stove.com - http://www.goodtimesstove.com

THE DETAIL SANDER FOR ALL YOUR RESTORATION JOBS.
FEIN TRIANGLE SANDER
SAND, SCRAPE AND SAW ALL WITH ONE TOOL.

- SAND CORNERS AND TIGHT PLACES.
- SCRAPE OFF OLD WALLPAPER AND PAINT.
- MAKE INTRICATE PLUNGE CUTS IN WOOD, FIBERGLASS, SHEET METAL.
- PERFECT FOR TRIM, STAIR RAILINGS, OLD SHUTTERS, DOORS, WINDOW SASHES — ANY OLD SURFACE YOU WANT TO LOOK LIKE NEW.

CALL (800) 441-9878 FOR FREE COLOR BROCHURE

FEIN POWER TOOLS, INC.
3019 WEST CARSON ST., PITTSBURGH, PA 15204
(412) 331-2325 Fax (412) 331-3599

HANDCRAFTED
To The Drip On The Tapered Candles

Early American Lighting since 1938; chandeliers, copper lanterns, and wall sconces.

Knowledgeable collectors, Restorations and Museums have been buying our fine fixtures for over 30 years. A list is available on request. $2.00 for catalog.

GATES MOORE
River Road, Dept OHJ
Silvermine Norwalk, Conn. 06850 - Tel. (203) 847-3231
The Lost Art of Steam Heating

“The book on steam heat.”
OHI subscriber and contributor Dan Holohan "wrote the book" on steam heat, a superior method of central heating and headache for old house dwellers. 304 pages of text from old heating books and visists to hundreds of basements and antique heating systems. 300 easy-to-follow illustrations and photos.

$35. INCL. S&H. CHECKS & CREDIT CARDS. 30-DAY SATISFACTION GUARANTEE.

Dan Holohan Associates
63 North Oakdale Avenue
Bethpage, NY 11714
(800) 853-8882

Durham's Rock Hard Water Putty can handle many kinds of repair needs. It can be sawed, chiselled, polished, colored, and moulded. It sticks and stays put - will not shrink. It fills cracks, crevices, joints, knots, and nail holes.

Donald Durham Co.
Box 804-HJ, Des Moines, IA 50304
http://www.waterputty.com

The Emporium

Products Network (cont.)

Wall sconces, chandeliers, copper lanterns, & hall fixtures. Catalog, $2.25. Gates Moore Lighting.


55. CUSTOM-MADE PLAQUES — Historic markers for indoor or outdoor use. Standard solid bronze cast plaques, 7" x 10". Other dimensions & styles available. Free brochure. Erle Landmark.


545. SPIRAL STAIRS — The beauty of cast iron, but not the weight. All components, except handrail, are solid castings of high-strength aluminum alloy. Free color brochure. The Iron Shop.

659. GRILLES & REGISTERS — Manufacturers of a complete line of elegant cast-brass and traditional cast-iron decorative grilles and registers. Color catalog, $1.25. Reggio Register Company.


518. CUSTOM TURNINGS — Newel posts, porch posts, column bases, fluting, spiral rope twists, and more. Catalog, $5.75. Custom Wood Turnings.


W.O.O.D. REPAIR

Durham’s Rock Hard Water Putty can handle many kinds of repair needs. It can be sawed, chiselled, polished, colored, and moulded. It sticks and stays put — will not shrink. It fills cracks, crevices, joints, knots, and nail holes.

It permanently adheres in wood, plaster, and tile. Ideal for use by woodworkers, painters, electricians, and carpenters. Available through hardware, lumber and building material dealers, and paint distributors from coast to coast.

Donald Durham Co.
Box 804-HJ, Des Moines, IA 50304
http://www.waterputty.com

Water Putty


Plumbing & Hardware

49. RENOVATION HARDWARE — Brass cabinet hardware, lighting, weathervanes, pedestal sinks, old-fashioned bathtub showers, and fixtures. Free mail-order catalog. Antique Hardware Store.

302. RESTORATION HARDWARE — Over 1000 different brass items for houses and furniture. Plumbing, lighting, wall and ceiling coverings, tin ceilings, and more. Free literature. Nostalgic Warehouse.

309. REPRODUCTION BRASS SHOWERHEAD — A unique 12-inch showerhead which generates thousands of waterdrops to cover the entire body in a gentle rain. Free brochure. J.B. Products.

397. HARD-TO-FIND HARDWARE — From the 16th century through the 1930s; using brass, iron, pewter, and crystal. Catalog includes 34 pages of informative text and 372 pages of high-quality reproduction hardware, $6.75. Crown City Hardware.

528. FIXTURES & ACCESSORIES — Bathroom fixtures and accessories such as door, window, and cabinet hardware. Lighting fixtures. Free catalog. Renovator's Supply.

598. FORGED IRON HARDWARE — Complete line of quality hardware in four unique architectural styles. Offered in 9 finishes. Free brochure. Acorn Manufacturing Co.


Restoration Supplies & Services

5. PIGEON CONTROL — Get rid of pi-
geons and other birds with inconspicuous stainless steel needles that eliminate roosting places without harming your building. Free brochure. Niscale of America.

35. PLASTER WASHERS — These inexpensive washers can resecure loose ceilings and walls. Starter packet of 3 dozen washers with instructions, $4.75. Charles Street Supply.

38. CHIMNEY LINERS — Ventinox continuously welded liner connects chimney top to heat source without joints or breaks. Reduces condensation, increases heating efficiency, improves safety. Free catalog. ProTech Systems, Inc.

100. SHUTTERS AND HARDWARE — Reproduction and restoration. Based on documented originals, research. Custom repros. Our forges can make hand wrought or castings: hinges, holdlacks, etc. All types shutters. Manufactured by artisans and craftsmen. Free literature. Poplar Point Millworks.

102. WOODEN FLOOR GRATES — Floor grates, baseboard registers, wall mounted register (wood only). Both eggcrate and louvered design. Sizes from 2" x 10" to 20" x 32" (larger sizes may be available). Special orders our specialty. $2.25 brochure w/ $5.00 coupon. Grate Vents.


726. PRESERVATION & RESTORATION — AcryMax Tin Roof restoration systems is high performance acrylic technology assuring years of waterproof protection. Free catalog. Preservation Products.

745. EVAPORATION-TYPE HUMIDIFIERS — Two styles: for steam heat, hot-water radiators, baseboard, or wall registers. No chemicals or electricity required. Free illustrated information. Street Level Supply.


849. MEMBERSHIPS — Offers free admission to the museum, discounts on books/merchandise, access to the Research Center and opportunities to participate in programs, tours and lectures nationwide. Free literature. Frank Lloyd Wright Home & Studio.

869. END BIRD POLLUTION — Bird control "xperts" for over 50 years. Full line of bird and pest repelling products: sonic and ultrasonic units, visual scare devices, physical exclinations, non-toxic chemicals and NEW SPIKES. Free literature. Bird-X.

868. PROFILE SANDER — It sands all hard-to-reach corners of your work. But it also gets out of corners, over curves and through grooves. Faster and easier than ever. Free brochure. Porter Cable.

**LITERATURE REQUEST FORM**

Circle the numbers of the items you want, and enclose $3 for processing. We’ll forward your request to the appropriate companies. They will mail the literature directly to you. . . which should arrive 30 to 60 days from receipt of your request. Price of literature, if any, follows the number. Your check, including the $3 processing fee, should be made out to Old-House Journal.

<table>
<thead>
<tr>
<th>Item</th>
<th>Free</th>
<th>52.</th>
<th>Free</th>
<th>353</th>
<th>Free</th>
<th>631</th>
<th>$25.25</th>
<th>792</th>
<th>Free</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td>2.</td>
<td>$5.25</td>
<td>54.</td>
<td>Free</td>
<td>357</td>
<td>Free</td>
<td>652</td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td>5.</td>
<td>$5.25</td>
<td>55.</td>
<td>Free</td>
<td>397</td>
<td>$6.75</td>
<td>653</td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
<td>6.</td>
<td>Free</td>
<td>59.</td>
<td>$8.20</td>
<td>410</td>
<td>$2.25</td>
<td>654</td>
</tr>
<tr>
<td>7.</td>
<td></td>
<td></td>
<td>10.</td>
<td>Free</td>
<td>73.</td>
<td>Free</td>
<td>414</td>
<td>Free</td>
<td>659</td>
</tr>
<tr>
<td>10.</td>
<td>Free</td>
<td>91.</td>
<td>Free</td>
<td>438</td>
<td>Free</td>
<td>672</td>
<td>$2.25</td>
<td>824</td>
<td>$8.25</td>
</tr>
<tr>
<td>13.</td>
<td>$2.25</td>
<td>100.</td>
<td>Free</td>
<td>517</td>
<td>Free</td>
<td>679</td>
<td>Free</td>
<td>853</td>
<td>$5.25</td>
</tr>
<tr>
<td>16.</td>
<td>$2.75</td>
<td>101.</td>
<td>Free</td>
<td>518</td>
<td>$5.75</td>
<td>694</td>
<td>Free</td>
<td>863</td>
<td>Free</td>
</tr>
<tr>
<td>20.</td>
<td>$1.25</td>
<td>102.</td>
<td>$2.25</td>
<td>538</td>
<td>Free</td>
<td>702</td>
<td>Free</td>
<td>865</td>
<td>Free</td>
</tr>
<tr>
<td>22.</td>
<td>$2.25</td>
<td>103.</td>
<td>Free</td>
<td>545</td>
<td>Free</td>
<td>726</td>
<td>Free</td>
<td>868</td>
<td>Free</td>
</tr>
<tr>
<td>26.</td>
<td>$2.25</td>
<td>122.</td>
<td>$6.25</td>
<td>560</td>
<td>$2.25</td>
<td>728</td>
<td>$3.25</td>
<td>874</td>
<td>Free</td>
</tr>
<tr>
<td>27.</td>
<td>$10.25</td>
<td>128.</td>
<td>$3.25</td>
<td>565</td>
<td>Free</td>
<td>730</td>
<td>$3.25</td>
<td>879</td>
<td>Free</td>
</tr>
<tr>
<td>30.</td>
<td>Free</td>
<td>194.</td>
<td>$3.25</td>
<td>593</td>
<td>Free</td>
<td>733</td>
<td>Free</td>
<td>881</td>
<td>Free</td>
</tr>
<tr>
<td>31.</td>
<td>Free</td>
<td>212.</td>
<td>$2.25</td>
<td>595</td>
<td>Free</td>
<td>744</td>
<td>Free</td>
<td>891</td>
<td>$2.25</td>
</tr>
<tr>
<td>35.</td>
<td>$4.75</td>
<td>221.</td>
<td>$2.25</td>
<td>598</td>
<td>Free</td>
<td>746</td>
<td>Free</td>
<td>906</td>
<td>$3.25</td>
</tr>
<tr>
<td>38.</td>
<td>Free</td>
<td>245.</td>
<td>$3.25</td>
<td>599</td>
<td>$2.25</td>
<td>748</td>
<td>Free</td>
<td>908</td>
<td>$5.05</td>
</tr>
<tr>
<td>42.</td>
<td>Free</td>
<td>294.</td>
<td>$10.25</td>
<td>603</td>
<td>$6.25</td>
<td>750</td>
<td>Free</td>
<td>922</td>
<td>$5.25</td>
</tr>
<tr>
<td>44.</td>
<td>$4.75</td>
<td>302.</td>
<td>Free</td>
<td>611</td>
<td>Free</td>
<td>753</td>
<td>Free</td>
<td>940</td>
<td>Free</td>
</tr>
<tr>
<td>47.</td>
<td>$1.25</td>
<td>309.</td>
<td>Free</td>
<td>615</td>
<td>Free</td>
<td>773</td>
<td>Free</td>
<td>942</td>
<td>$5.25</td>
</tr>
<tr>
<td>49.</td>
<td>Free</td>
<td>334.</td>
<td>$4.00</td>
<td>621</td>
<td>$3.25</td>
<td>788</td>
<td>Free</td>
<td>944</td>
<td>Free</td>
</tr>
<tr>
<td>50.</td>
<td>Free</td>
<td>340.</td>
<td>$6.25</td>
<td>624</td>
<td>Free</td>
<td>790</td>
<td>Free</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Name ___________________________ Total $ ________
Company ________________________ P & H $3.00
Address _________________________
City _______ St _______ Zip _______
Total Enclosed $ ________
Phone _________________________

Mail to: Old-House Journal, Products Network, 2 Main Street, Gloucester, MA 01930

This card must be mailed before April 30, 1998.
sash pulleys, sash chain and traditional brass window hardware

PHELPS COMPANY
ARCHITECTURAL SPECIALTIES
802-257-4314

IRON FENCING & GATES
Manufacturer of Iron Fencing and Gates
Pattern in Victorian and Many Decorative Styles
Send $2.00 For Catalog:
CUSTOM IRONWORK, INC.
P.O. Box 180
Union, KY 41091  FAX (606) 384-4848

Carolina Kindling
High-resin heart pine wood straight from the mill floor.
The best firestarter ever, offered by big mail order catalogs at 5 times the price.
(800) 227-2007
J.L. Powell Flooring
600 So. Madison St.
Whiteville, NC 28472

MAKES A HOT HOLIDAY GIFT!
**PIONEER MILLWORKS**

**ANTIQUE HEART PINE & FIR FLOORING**

From Reclaimed Timbers

Timbers
Barn Siding
Barn Beams
Board Stock
Custom Millwork

1755 Pioneer Rd. Shortsville, NY 800-951-9663

---

**CinderWhit & Company**

Porches • Stairways • Wood Turnings

- Authentic Replications • Prompt Quality Service • Work From Drawings or Samples
- Porch Posts • Balusters • Newels • Spindles • Finials
- Lengths To 12 Feet • Free Brochure

Ph. 701-642-9064 • Fax 701-642-4204
Toll Free 1-800-527-9064
733 Eleventh Avenue South Wahpeton, ND 58075

---

**DON'T PAINT YOUR RADIATORS**

Paint drastically reduces the efficiency of steam & hot water radiators and wood enclosures are poor heat conductors.

Affordable Ace Radiator Enclosures...
- Offer durability of steel with baked enamel finish in decorator colors
- Keep drapes, walls & ceilings clean
- Project heat out into the room

**FREE Estimates**

**FREE Heat Efficiency Catalog**

**CASTCO**
Manufacturing Co., Inc.
3564 Blue Rock Road, Cincinnati, Ohio 45247

---

**Smith - Cornell impressions**

We specialize in:
- Sand cast plaques in Bronze & Aluminum
- GraphicsPlus-Smooth Surface Plaques and Markers
- Combination of cast with a GraphicsPlus insert
- Old/Standard National Register Plaques

Call or write for a:
- **FREE brochure**
- **FREE quote**

---

**Were they using plastic shower curtains when your house was built?**

Don’t think so. Be authentic and environmentally correct with our tightly woven 100% cotton duck shower curtain. It keeps water in the tub (no liner necessary!) and it’s machine washable.

Specify white or natural color; brass or nickel grommets.

To use VISA/MC/DISCOVER, call (800)323-2811
Or send your check to:

**Atlantic earthworks**

21 Winters Lane • Catonsville, Maryland 21228

---

**Glass Interior Storm Windows**

- Maintain the charm & beauty of existing windows
- Inexpensive replacement, NO unsightly triple-hung storms
- Eliminate Drains completely
- Reduce Heating & Cooling bills up to 30%
- Low E and UV Protection available
- Compression for DIY installation
- Patented molded mounting
- Factory direct custom sizes
- Easy - No tools, Snap in & Out

**Alternative Window Company**
1-800-743-8207 • (860) 651-3951 • fax: (860) 651-4789
15 Herman Drive, Simsbury, CT 06070

---

**Handcrafted Mahogany**

**Screen-Storm Doors**

Styles include Victorian & Country

SEND $3. FOR CATALOG TO:

Touchstone Woodworks
DEPT. OHJ PO BOX 112
RAVENNA, OH 44266
(330) 297-1313

---

**Don’t Paint Your Radiators**

Affordable Ace Radiator Enclosures...

- Offer durability of steel with baked enamel finish in decorator colors
- Keep drapes, walls & ceilings clean
- Project heat out into the room

**FREE Estimates**

**FREE Heat Efficiency Catalog**

**CASTCO**
Manufacturing Co., Inc.
3564 Blue Rock Road, Cincinnati, Ohio 45247

---

**Smith - Cornell impressions**

We specialize in:
- Sand cast plaques in Bronze & Aluminum
- GraphicsPlus-Smooth Surface Plaques and Markers
- Combination of cast with a GraphicsPlus insert
- Old/Standard National Register Plaques

Call or write for a:
- **FREE brochure**
- **FREE quote**

---

**Were they using plastic shower curtains when your house was built?**

Don’t think so. Be authentic and environmentally correct with our tightly woven 100% cotton duck shower curtain. It keeps water in the tub (no liner necessary!) and it’s machine washable.

Specify white or natural color; brass or nickel grommets.

To use VISA/MC/DISCOVER, call (800)323-2811
Or send your check to:

**Atlantic earthworks**

21 Winters Lane • Catonsville, Maryland 21228

---

**Smith - Cornell impressions**

We specialize in:
- Sand cast plaques in Bronze & Aluminum
- GraphicsPlus-Smooth Surface Plaques and Markers
- Combination of cast with a GraphicsPlus insert
- Old/Standard National Register Plaques

Call or write for a:
- **FREE brochure**
- **FREE quote**

---

**Were they using plastic shower curtains when your house was built?**

Don’t think so. Be authentic and environmentally correct with our tightly woven 100% cotton duck shower curtain. It keeps water in the tub (no liner necessary!) and it’s machine washable.

Specify white or natural color; brass or nickel grommets.

To use VISA/MC/DISCOVER, call (800)323-2811
Or send your check to:

**Atlantic earthworks**

21 Winters Lane • Catonsville, Maryland 21228

---

**Smith - Cornell impressions**

We specialize in:
- Sand cast plaques in Bronze & Aluminum
- GraphicsPlus-Smooth Surface Plaques and Markers
- Combination of cast with a GraphicsPlus insert
- Old/Standard National Register Plaques

Call or write for a:
- **FREE brochure**
- **FREE quote**

---

**Were they using plastic shower curtains when your house was built?**

Don’t think so. Be authentic and environmentally correct with our tightly woven 100% cotton duck shower curtain. It keeps water in the tub (no liner necessary!) and it’s machine washable.

Specify white or natural color; brass or nickel grommets.

To use VISA/MC/DISCOVER, call (800)323-2811
Or send your check to:

**Atlantic earthworks**

21 Winters Lane • Catonsville, Maryland 21228

---

**Smith - Cornell impressions**

We specialize in:
- Sand cast plaques in Bronze & Aluminum
- GraphicsPlus-Smooth Surface Plaques and Markers
- Combination of cast with a GraphicsPlus insert
- Old/Standard National Register Plaques

Call or write for a:
- **FREE brochure**
- **FREE quote**

---

**Were they using plastic shower curtains when your house was built?**

Don’t think so. Be authentic and environmentally correct with our tightly woven 100% cotton duck shower curtain. It keeps water in the tub (no liner necessary!) and it’s machine washable.

Specify white or natural color; brass or nickel grommets.

To use VISA/MC/DISCOVER, call (800)323-2811
Or send your check to:

**Atlantic earthworks**

21 Winters Lane • Catonsville, Maryland 21228
THE 1997 OLD-HOUSE JOURNAL INDEX

A
Air Conditioning.......................... J/A 40
Architectural Styles
--American Classics (1800-1900)........9S/O 46
--Tudor Revival.......................... M/A 30
Arts & Crafts Style
--Bungalow colors.......................... M/A 32
--fabric walls.......................... M/A 50
--tile........................................... J/F 44
Asbestos........................................... N/D 50

B
Balusters, sizing (RN).......................... M/A 18
Baron, John A.
--on asbestos.......................... N/D 50
Battery drills.......................... M/A 54
Beams, engineered wood.......................... M/J 44
Belt course (and water tables).................. S/O 38
Blueprints
--carrying and protecting (RN)........... J/F 16
--finding originals.......................... M/A 20
Bolection moulding.......................... N/D 40
Books reviewed
Arts & Crafts Design.................. J/A 22
Bathroom, The.......................... N/D 60
Craftsman, The (CD ROM).................. J/A 22
Dictionary of Building Preservation............ J/F 14
Kitchen Plan Book, The.................. N/D 60
Period Fireplaces.......................... N/D 60
Period Kitchens.......................... N/D 60
20th-Century Building Materials.............. J/F 14
Brass hardware
--faucets (P).......................... M/J 64
--cleaning (RN).......................... M/A 18
Beer/water House.................. J/F 30
Bricks
--and mortar.......................... J/A 31
--brick pointing (RN).................. S/O 24
--walks.......................... M/A 28
Bungalow
--and white paint.......................... J/A 34
--color design guide.................. J/A 30
--"The Plaza" Aladdin Plans (M).................. S/O 10

KEY TO ABBREVIATIONS

(M)..............................Mailbox
(RN)..............................Short Item
(Restorer's Notebook and Ask OHF)...........
(P)..............................Product
(G)..............................Glossary Item
J/A..............................May/June 1997

N/D..............................Nov./Dec. 1997

C
Cantilever, repair and restoration........... M/J 40
Capitals, anatomy.......................... J/F 34
Carriage House.......................... M/A 60
Ceiling medallions
--(RN).......................... J/F 12
--restoration......................... M/A 48
Ceilings
--drywall installation (RN)............ N/D 18
--tin, restoration.................. M/A 52
Chinking, log houses.................. M/J 46
Classes in America.......................... S/O 46
Codman, Ogden and Edith Wharton.............. S/O 20
Column bases.......................... J/A 32
--clamping (RN).......................... J/A 20
Columns
--repairing (RN).......................... M/J 16
Concrete, removing rust stains (M).............. M/A 12
Copper hardware, cleaning (RN).............. M/A 18
Cordless tools.......................... M/A 54
Cotton, J. Randall
--on Arts & Crafts tiles.................. J/F 44
--Cross gambrel (M).................. M/J 8

Daubing
--log houses.......................... M/J 46
Doorbell, fixing (RN).................. M/A 18
Drainknobs......................................
--glass, repairing (RN).................. S/O 18
--trimming interior (M).................. M/A 10
--troubleshooting interior.................. J/F 40
Drills
--cords...................................... M/A 54
--gripping (RN).......................... M/A 18
--Driveways, period.................. M/A 24

Ebersole, Willard G.
--on turning large column bases........... J/A 52

E
Ebersole, Willard G.
--on turning large column bases........... J/A 52

EDITORIALS
Please Fence Me In........... M/J 8

F
Fabrics, wallcoverings................. M/A 50
Faucets
--sediment buildup remedy (RN)........... S/O 18
Fences
--iron............................. M/J 52
--wood restoration.................. S/O 52
Fireplace
--belecion moulding.................. N/D 40
--electric (RN).......................... J/A 14
--found in wall (RN).................. J/F 10
--inserts.......................... N/D 44
--inserts, safety.................. N/D 47
Freeman, John Crosby
--on bungalow porch colors........... J/A 30

G
Ghosts
--re-creating lost parlor trim........... J/F 30
Gothic style
--fence restoration.................. S/O 52
Greek Revival style
--re-creating lost parlor trim........... J/F 30

H
Hangers (RN).......................... M/A 18
Heating, gravity-fed system (RN).............. J/A 14
Hewitt, Mark Alan
--on Tudor Revival.................. M/A 30
Huskoen, Kyle
--on restoring ceiling medallions......... M/A 48

I
Ironwork
--footings and fittings.................. M/J 39
--historical use.......................... M/J 32
--maintaining.......................... M/J 34

J
Jordan, Steve
--on Victorian lining/stripping........... M/A 44
K

Kitchens
- details and redesign..................SO 38
- early Frank Lloyd Wright...............SO 38
- restoration..............................SO 39
- sinks, historical......................SO 42
Kronick, Richard L.
- on Prairie School roof restoration.........MJ 40

L

Lamps
- Mission (RN)..............................MJ 14
Lathe
- turning column bases....................JA 52
Leeke, John
- on repairing interior doors..............JF 40
and Forbes, Larry
- on wood roof effect......................JA 56
Lefever, Anthony
- on kitchen work........................SO 30
Lime
- marlony mortar..........................JG 46
- whitewash recipe (RN)..................N/D 16
Log houses
- chinking and daubing....................MJ 46
- Fenno-Scandinavian method..............N/D 14
Lord, Mason F.
- on recreating lost parlor trim...........JF 30

M

Magazine, Henry J.
- Frank Mangione
- on textured plaster......................MA 38
Mangione, Frank
- on textured plaster......................MA 38
Marseille, Barbara
- on kitchen details and redesign........SO 38
Masonry, effects of moss on (RN)............JA 14
Maxwell, Shirley and Massey, James C.
- on Classics in America....................SO 46
- on hipped and pyramidal roofs..........MJ 22
- on original house plans...............MA 20
- on tax credits............................JF 24
Metal, painting buildings (RN)..............MA 16
Metal finishes, restoring..................MJ 56
Milk paint, recipe (RN)......................MA 14
Millwork, custom..........................N/D 42
Moates, Tom and Reed, Douglas
- on chinking log houses...................MJ 46
Mortar
- modern, and damage.....................JA 46
- trick pointing (RN)......................SO 14
Mortise latches
- removing/cleaning (RN)..................N/D 18
- repair (RN)................................JF 16
Moulding
- belfry.....................................N/D 40
- crown.....................................JF 34

O

O'Connor, Frederick
- on fence restoration.....................SO 32
Old Roses
- on fence restoration.....................SO 32
Old House Living
- A House Divided..........................N/D 54
Living a Double Life.......................SO 62
Rich as Oil in Oklahoma...................JF 50
Salvage Labor.............................M/A 62
Shipping Out with a Restorer...............MJ 60
Talk of the Town..........................JA 60

OUTSIDE THE OLD HOUSE
- A Period Approach to Walks and Drives..................MJ 24
Old Roses: A Sampler.......................MJ 28
Snowballs in Summer.......................JA 26

Vane as a Peacock..............................JF 20
Vines for Town and Country..................SO 24

Paint and Painting
- color guide for bungalows................JF 30
- exterior dropcloths (RN).................JG 20
- ironwork..................................MJ 34
- lining and stripping......................MJ 44
- masonry, effects of moss on (RN)........MJ 16
- prepping plaster (RN)....................N/D 18
- Roseland Cottage.........................SO 57
Palladian windows
- history of................................N/D 30
Plaster
- creating textured effects................MA 58
- patching (RN)................................N/D 19
- repairing and scatting (RN).............SO 16
Plating
- dealing with plaster.....................MJ 58
- dipped vs. sprayed lacquer...............JF 13
Porch
- color guide for bungalows...............JG 20
Prairie School
- Purcell-Crafts House.....................MJ 40
- roof style.................................MJ 40
Radiators
- cleaning (RN)............................SO 18
READING THE OLD HOUSE
Craftsmen vs. Bungalow......................N/D 20
Finding the Original Plans...............MA 20
Hipped and Pyramidal Roofs.................MJ 22
REMEDIOOKING
A Sleeper in Fareka........................MA 114
Blindsided..................................MJ 98
Buzz Cut....................................SO 114
Mission Mismatch..........................N/D 98
Rs: It's Gotta Come Off.....................JF 90
Who's on Top?.............................JA 98
Replating....................................MJ 56
Repointing...................................JF 46
Reveals, matching (RN)......................JF 16
Roofs
- cantilever..................................MJ 64
- hipped and pyramidal.....................MJ 56
- repair and restoration....................MJ 44
- slate.......................................JA 40
- valley shingles............................JA 40
Roseland Cottage (Boxen House)
- exterior paint............................SO 57
- fence restoration.........................SO 32
Roses, heirloom.............................MJ 25
Rust
- (RN).........................................JF 10
- removing from concrete..................MA 12

O'Connor, Frederick
- on fence restoration.....................SO 32
Old Roses
- on fence restoration.....................SO 32
Old House Living
- A House Divided..........................N/D 54
Living a Double Life.......................SO 62
Rich as Oil in Oklahoma...................JF 50
Salvage Labor.............................M/A 62
Shipping Out with a Restorer...............MJ 60
Talk of the Town..........................JA 60

OUTSIDE THE OLD HOUSE
- A Period Approach to Walks and Drives..................MJ 24
Old Roses: A Sampler.......................MJ 28
Snowballs in Summer.......................JA 26

Vane as a Peacock..............................JF 20
Vines for Town and Country..................SO 24

Paint and Painting
- color guide for bungalows................JF 30
- exterior dropcloths (RN).................JG 20
- ironwork..................................MJ 34
- lining and stripping......................MJ 44
- masonry, effects of moss on (RN)........MJ 16
- prepping plaster (RN)....................N/D 18
- Roseland Cottage.........................SO 57
Palladian windows
- history of................................N/D 30
Plaster
- creating textured effects................MA 58
- patching (RN)................................N/D 19
- repairing and scatting (RN).............SO 16
Plating
- dealing with plaster.....................MJ 58
- dipped vs. sprayed lacquer...............JF 13
Porch
- color guide for bungalows...............JG 20
Prairie School
- Purcell-Crafts House.....................MJ 40
- roof style.................................MJ 40
Radiators
- cleaning (RN)............................SO 18
READING THE OLD HOUSE
Craftsmen vs. Bungalow......................N/D 20
Finding the Original Plans...............MA 20
Hipped and Pyramidal Roofs.................MJ 22
REMEDIOOKING
A Sleeper in Fareka........................MA 114
Blindsided..................................MJ 98
Buzz Cut....................................SO 114
Mission Mismatch..........................N/D 98
Rs: It's Gotta Come Off.....................JF 90
Who's on Top?.............................JA 98
Replating....................................MJ 56
Repointing...................................JF 46
Reveals, matching (RN)......................JF 16
Roofs
- cantilever..................................MJ 64
- hipped and pyramidal.....................MJ 56
- repair and restoration....................MJ 44
- slate.......................................JA 40
- valley shingles............................JA 40
Roseland Cottage (Boxen House)
- exterior paint............................SO 57
- fence restoration.........................SO 32
Roses, heirloom.............................MJ 25
Rust
- (RN).........................................JF 10
- removing from concrete..................MA 12

S

Sash, removing paring head (RN)..............MJ 20
Screens, bronze (RN)........................SO 16
Shingles
- French method............................SO 14
- valley, Audels...........................JF 56
Shutter louvers, repairing (RN).............MJ 18
Sidings details............................SO 58
Sinks
- kitchen.....................................SO 45
- Siphon, making a simple (RN)............JF 16
Sitz bath (RN)...............................MA 14
Slate
- matching and replacing...................JA 36
- reusing (RN)...............................MJ 14
Sleeping porch (M).........................JF 4
Snowballs (and hydrangeas)................JG 26

Speweik, John P.
- on repointing.............................JA 46
Staircases
- repairing.................................JA 20
Stark, Stuart
- on Art & Crafts walls.....................MA 50
Stock house plans..........................MA 22
Stove, heating
- hot blast (RN).............................N/D 14
Stucco, aging (RN)..........................MA 14

T

Table saw
- making custom millwork....................N/D 40
- safety......................................N/D 43
Tape measures, lever (P).....................MJ 14
Tax credits.................................JF 24
Tile
- Arts & Crafts.............................JF 44
- reproduction Arts & Crafts..............MA 12
- Morrisian Tile Works.....................JF 44
Tin ceilings
- patching (M)...............................JA 10
- restoration...............................MJ 52
Tools
- cordless....................................MA 54
Tuck Pointing (RN)..........................SO 44
Tudor Revival...............................MA 30

VERNACULAR HOUSES
Reach Cottages of the Carolinas.............JF 52
Beaufort Cottages of North Carolina........N/D 100
Fair Cabins of Mississippi.................MA 116
Federal Row Houses of Baltimore.........JA 100
Chalices of Florida.........................MA 16
Ontario Cottages..........................MA 100
Victorian, lining and stripping.............MA 44
Vines, and climbers........................SO 24
- on buildings..............................SO 26

W

Walkways, period............................MA 44
Wallpaper
- removing...................................N/D 56
- saving old.................................N/D 59
- William Morris-inspired...............MA 69
Walls
- Arts & Crafts fabric.......................MA 50
- brick nogging (RN).........................MA 14
- plaster.....................................MA 38
- plaster on brick (RN).....................SO 16
- water tables (and belt courses).........SO 58
Weather vanes.............................JF 20
Weisham, Michael
- on walkways and driveways..............MA 24
Wharton, Edith and Ogden Codman........SO 20
Whitewash, recipe (RN)......................N/D 16
WHO THEY WERE
- Tastemakers of the Traditional.........SO 20
Windows
- blind, blank or false (RN)..............JF 10
- Curtis Silente (RN).......................N/D 14
- exterior wood storm (RN)................JF 16
- Palladian.................................N/D 30
- removing paring head (RN)...............MJ 20
- turn of the century......................JF 36
- wood frame screens (RN)................SO 16
- wood sash................................JF 36
Wood
- cutting irregular shapes (RN)............JA 20
- gunwwood (RN)............................JA 16
- structural beams (G).....................MJ 44
Wood pitch, removing (RN)..................MJ 18

96 OLD-HOUSE JOURNAL
**Fine American Lighting
Real American Value
From Lighting by Hammerworks**

Lanterns, Sconces, Chandeliers, and
Hand-Forged Hardware

Send $5 for two full color catalogs and discover how you can enjoy the beauty and quality of our Colonial lighting in your home to:

Lighting by Hammerworks
6 Freeman St., Dept. OHJ, Worcester, MA 01605, 508-755-3434
18 Main St., Dept. OHJ, Merrimack, NH 03054-7792
http://www.hammerworks.com

**Genuine Milk Paint**

Authentic Colonial and Shaker Finish

In powder form, add water and mix environmentaly safe non-toxic odor-free easy to use long wearing will not fade

16 colors include: Barn Red, Salem Red, Pumpkin, Marigold Yellow, Mustard, Buttermilk, Bayberry Green, Tavern Green, Lexington Green, Sea Green, Federal Blue, Soldier Blue, Slate, Pitch Black, Oyster White, Snow White

See your local dealer

If none locally, write or phone for literature.

Trial pint, only $5.95, plus $4.00 shipping & handling.

The Old Fashioned Milk Paint Company

Dept. J, Box 222, Groton, MA 01450-0222

Telephone (508) 448-4336  FAX (508) 448-2754

**Antique Wide Plank Flooring**

Heart Pine • Eastern White Pine • Red Pine

**New Plank Flooring**

Ash, Maple, Oak, Cherry, Eastern White Pine

**Antique & Reproduction Beams & Timber Frames**

Hand-Hewn, Rough Sawn & Planed Surfaces

Mortise & Tenon, Dovetail Joinery

ARCHITECTURAL TIMBER & MILLWORK

49 Mt. Warner Rd., P.O. Box 719, Hadley, MA 01035  (413) 586-3045  FAX (413) 586-3046

**CAST IRON YARD BELLS**

"Call 'em in for dinner"

15" IN DIAMETER $95 + UPS

PHONE ORDERS (WITH CREDIT CARD):

517-592-9030

Brosamer's Bells

207 IRWIN ST.

BROOKLYN, MI 49230

**We Manufacture a Full Line of Custom-Made Victorian Screen and Storm Doors**

At Victorians East, each door we make is made to enhance the entry door behind it. You can choose from each one of our many styles, or design your own unique door.

**REGISTERS FOR A FREE BROCHURE CALL 800 • 843-9237**

2401 RIVERSIDE DR. • STE 517 B
CORA L SPRINGS, FL 32666
FAX 954 • 777-5677
http://www.wainlands.com

NEW YORK CITY

453 WEST 17TH STREET

NEW YORK, NY 10011

212-243-7777

**& GRILLES**

**GlowCore Radiators**

The New GB SERIES "A" GAS BOILER

92% EFFICIENT FEATURES

• SEALED COMBUSTION
• COMPACT CABINET
• SHOCK PROOF
• CPVC VENT
• LOW NOX

Call today 1-800-676-4546

**SUGGESTIONS FOR HOUSEHOLD REPAIR**

Use WEST SYSTEM epoxy to solve dozens of common problems around the house and yard. A 14-page illustrated manual shows you how. Order your FREE copy today.

WRITE GOUDEON, DEPT. OHJ

PO BOX 908, BAT CITY MI 48707

ON CALL 517-604-7296

**CAST IRON YARD BELLS**

"Call 'em in

for dinner"

15" IN DIAMETER

$95 + UPS

PHONE ORDERS (WITH CREDIT CARD):

517-592-9030

Brosamer's Bells

207 IRWIN ST.

BROOKLYN, MI 49230

**scharge & tile roofing materials**

NEW & VINTAGE

Looking for that special finishing touch for new construction or a restoration project? We carry a wide variety of patterns & colors in new & vintage slate, clay tile, & others... Call us whether you need 5 Slates for a repair or 50 squares of Tile for a roof renovation.

north central supply

800/203-9165

fax: 815/962-7860

**Anthony Wood Products**

Gable Trim

Fretwork

Brackets

Corbels

1979

Box 181-08, Hillsboro, TX 76645

800/969-2181

Illustrated Catalog Available FREE
Mission Mismatch

You would expect to find a gabled roof on the vast majority of early-20th-century houses. But this was not a builder’s bungalow. It was a simple house in the Mission Revival style. As the neighboring house shows (right), gables never figured in the original plan.

Drawing inspiration from 17th- and 18th-century Spanish adobe architecture, California’s version of the Colonial Revival quickly joined the pantheon of eclectic revival styles popularized around the turn of this century. This example in Arlington, Virginia, snapped by Susan Fleshman, has all the right stuff—round archways, an arched entryway, a stucco exterior. All that’s missing is a flat roof. You know, sometimes less is Moorish.
The Antique Hardware & Home Catalog...

Bird Cages
Cabinet Hardware
- Carousel Horse
Chests • Cigar Indian
Dishware • Door
Accents & Hardware • Door Bells
Door Knockers • Door Stops
Faucet Sets • Gingerbread Trim
Gold Leafing • Golfing Accessories
- Handrail Brackets
- Hinges-Door • Jacuzzi
Tub • Lighting Fixtures •
Light Shades • Mailboxes
- Mechanical Banks
- Mirrors • Mortised
Locks • Music Stand
- Outdoor Decor
- Pedestal Sinks • Picture
Hooks • Plumbing
Fittings • Porcelain Bowls • Push
Button Switches • Push Plates
- Refrigerators • Registers (floor)
- Rim Locks • Rocking
Horses • Screws
Shelf Brackets
- Shower
Conversions •
Shower Curtains • Shutter
Hardware • Sinks • Slide Bolts •
Stoves • Switch Plates • Tiffany
Lamps • Tin Ceilings • Toilets
- Toys • Tubs • Umbrella Stands
- Windows
- Weathervanes
- Hardware
- Wrought Iron Products

A Flash From the Past

You can enjoy the look of period pieces and the quality of modern construction— at prices that hearken back to “the good old days.” You’ll find everything you need in the pages of The Antique Hardware & Home Catalog— literally thousands of options to dress up your home in the styles of yesteryear. We can outfit your home from basement to attic with furnishings, fixtures and appliances that are functional, beautiful and finely crafted. Add an element to your home that shows your appreciation for quality and distinction. To bring your home up-to-date take a trip back in time with The Antique Hardware & Home Catalog.

YES.

Send Me Your FREE Catalog!

Name __________________________
Address __________________________
City __________________________
State _____ Zip

or Call 1-800-422-9982 ext. 3011

800-422-9982 ext. 3000
Beaufort Cottages of North Carolina

The Beaufort cottage is a long-lived variation on the hall-and-parlor plan, a traditional English folk form that took widespread hold throughout the Tidewater South. The first Beaufort Cottages were built in this isolated fishing village on North Carolina’s coast in the mid-19th century; the last were probably constructed more than 100 years later, shortly before Beaufort (pronounced Bow-furt) began to attract summer visitors.

Always frame and usually 1½ storeys high, the typical Beaufort Cottage has a flush gable roof, an engaged, full-width porch, and a rear shed extension. The steep roof pitch breaks to a more gradual slope over the front porch and the extension to the rear. Occasionally, the pitch on the rear half of the house continues unbroken to form one pronounced, continuous slope, called a catslide. Two-storey variations of the style feature engaged piazzas, full-width porches, and the characteristic rear shed.

Floor plans are simple, alternating between two-room, hall-and-parlor and side- and center-passage layouts. Deep porches supported by simple chamfered or Doric posts extend the living area outdoors. Windows or vents to the attic storey are often tucked under the unfinished porch ceilings, allowing Atlantic breezes to ventilate the top floor. Preserving the allure of an earlier era, dozens of Beaufort Cottages remain, shaded by live oaks and protected by a National Register Historic District.

— Cynthia Satterfield
Hillsborough, N.C.