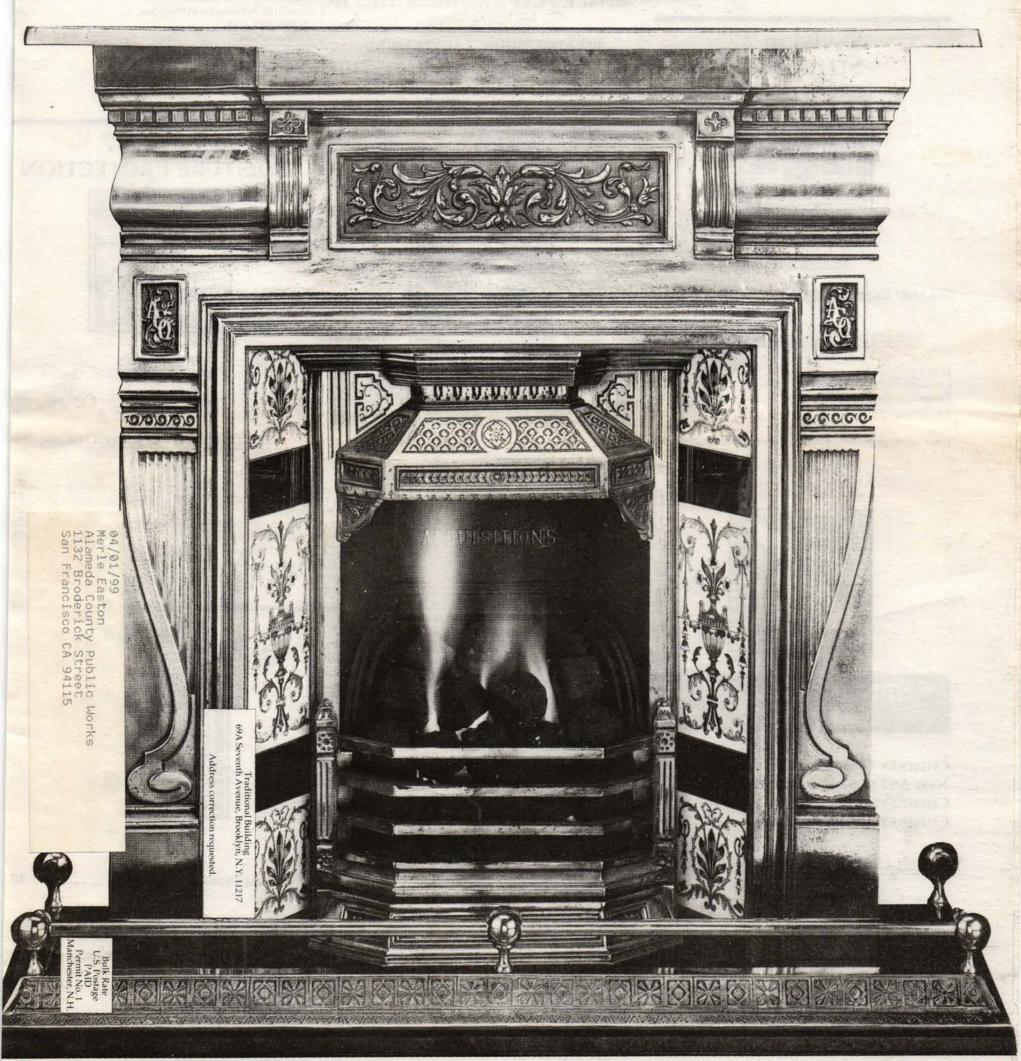
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SEPTEMBER/OCTOBER 1990

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• SPECIAL ISSUE •



FIREPLACES & CHIMNEYS

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CON THE COVER: The "Britannia," a cast-iron mantel reproduced from a Victorian original. See The Acquisitions Collection on page 14.

TRADITIONAL BUILDING

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TRADITIONAL BUILDING (ISSN 0898-0284) is published bimonthly by Historical Trends Corporation, 69A Seventh Avenue, Brooklyn, NY 11217. Telephone: (718) 636-0788, FAX: (718) 636-0750. Subscription rate to professionals in architecture, construction, and preservation in the U.S. and possessions: \$18/yr. (6 issues). Rate for nonprofessionals and subscribers outside U.S.: \$30/yr., U.S. funds.

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PRINTED AT THE LIGHTHOUSE PRESS Manchester, New Hampshire

TRADITIONAL BUILDING is indexed in CONSTRUCTION INDEX.

perspective

A New Era For Building Conservation

The Green Decade is providing powerful new arguments for recycling buildings . . . and will impose additional limits on materials used in new construction.

By Clem Labine

The greening of Bob Berkebile, FAIA, happened at Disney World. The Kansas City architect was appalled at what massive development around Orlando had done to the fraigile ecosystem of north-central Florida. The Orlando experience made Bob more aware of the impact that new construction is having on the environment — not only adjacent to the building, but also the effect that production of building materials has upon the Earth. Bob's concern went beyond mere handwringing; he is now Chairman of the AIA's Committee On The Environment (see below).

I heard Bob Berkebile tell his story at a recent conference in Washington sponsored by The Initiative For Environmental Sensitivity In Construction (TIES). The conference, convened by Charles Howell of Nashville, Tenn., was called to review current construction materials and methods with respect to their safety for people and for the Earth.

Several major facts and conclusions emerged during the two-day conference:

☐ The construction industry, second largest industry in the world (after agriculture), has an enormous impact on the natural environment.

☐ Our society's goal should be to create a sustainable economy, where the resources we use up are no greater than what the Earth can replenish. We are a long way from achieving this equilibrium (and some economists think it is too late to do so).

☐ Architects and builders are not accustomed to thinking about the environmental consequences of their design decisions . . . such as specifying aluminum produced from a bauxite mine that is destroying many square miles of Brazilian rainforest.

☐ In the millwork industry, a debate is raging about the ethics of using rainforest logs, first-growth logs from the fast-diminishing virgin forest of the Pacific Northwest, and the merits of shipping raw first-growth logs to Japan.

☐ A massive education program should be undertaken to make building professionals more aware of the full environmental impact of their decisions. Unfortunately, there isn't much hard information on the relative "Earth friendliness" of various construction materials and methods.

One participant recalled a research study done by the National Trust in 1978 during the first Energy Crisis. This study determined that production and assembly of 7 bricks required an energy expenditure equivalent to a gallon of gasoline. The research concluded that existing buildings represent an enormous reservoir of "embodied energy." The participants agreed it was time to publicize that National Trust study again.

Ambitious Initiative From The AIA

Recognizing that a new set of environmental ethics is developing within the design community, The American Institute of Architects has established a Committee On The Environment, with Bob Berkebile as Chairman. One of the major missions of the Committee is to develop a practical Resource Guide to better enable architects to educate clients, the public, and elected officials on the way design decisions affect environmental degradation.

Work is just getting under way on the new Resource Guide. A life-cycle approach is being used in collecting the data so that all aspects of a material — production, distribution, use, and disposal — will be included in the Guide. When complete, the Guide will help designers determine which options are most "Earth-friendly."

Although the Resource Guide is many months away from publication, we applaud the AIA for taking this much-needed first step.



Two downtown landmarks are destroyed on Cleveland's Public Square to make way for a new corporate headquarters. Photo credit: The Bettmann Archive

<u>Technical Wizardry, Environmental Disaster</u>

Explosive demolition of older buildings is the perfect symbol of the increasingly discredited "throw-away society." When an older building has useful life left in it, its demolition results in major costs for the Earth . . . costs that in many cases are not borne by the developer. Here are some of the environmental consequences when a potentially reusable old building is torn down and replaced with a new one:

- 1. Fossil fuel energy is consumed in demolishing the building and hauling away the debris.
- 2. The debris must be put somewhere . . . usually a landfill . . . adding to the trash disposal crisis.
- New raw materials must be pulled from the earth . . . inevitably leaving scars.
 For the replacement building, raw materials must be manufactured into building components, with concurrent energy consumption and additional industrial pollution.
- 5. Energy is consumed in transporting the new building materials to the construction site and in the assembly process further depleting fossil fuels, and releasing carbon dioxide and other "greenhouse" gases.

profile

The Leonardo Of Historic Architecture

Historian, Author, Teacher, Designer, Consultant, Project Manager: William Seale is the Renaissance Man of building restoration.

By Clem Labine

Then you're a Renaissance Man, you have one problem: How do you title yourself? Bill Seale solved that dilemma as neatly as he has solved numerous others for the past three decades: His business card reads simply, "William Seale" — with a discreet address and phone number.

More than any other practitioner in historic architecture, Bill Seale defies being labeled with a single professional title or job description. If you force him into it, he'll admit to being a historian (B.A. Southwestern University; M.A., Ph.D. Duke University). But that title doesn't begin to encompass his range of interests and achievements.

To most people, Bill Seale is best known for his books. His two-volume study of The White House, titled "The President's House," was widely praised and 75,000 copies of the hard-cover set have been sold. His 1975 book of photographs of late Victorian interiors, "The Tasteful Interlude" (still in print), was a pioneering work that took the first serious look at actual interiors of the late 19th century — and has been a boon to both restorationists and scholars.

However, Bill Seale is more than a historian and author. He is one of those rare fellows who has successfully bridged the chasm between the ivy-covered halls of academe and the dusty, gritty world of building conservation. He's equally comfortable discussing fine points of 19th-century interiors with an architectural historian or working on site with a plasterer to make sure that a cornice molding is accurately run.

Despite his many achievements, Bill avoids the scholarly exhibitionism that seems to afflict some individuals trained in historical disciplines. He speaks in soft southern accents that reflect his East Texas roots . . . but nothing that could be called a southern drawl. In fact, he speaks quite rapidly . . . as if he has to work diligently to keep up with the rapid triggering of ideas occurring behind the merry blue eyes.

The force driving Bill's work is his concern for people — the human truths behind historical facts and artifacts. It is the humanity of the man that lets him be scholarly without being pedantic, and has led to his success in widely differing venues. This underlying humanity first came to public attention in Bill's commentary in "The Tasteful Interlude." Rather than merely providing desiccated listings of the contents of each room, Bill mixed a palpable affection with his scholarship; you are left with the impression that the author knew and *liked* the people who laid out each interior.

"A house — every little detail — provides insight into the past and into personalities," ruminates Seale. "The house dramatizes themes about the characters who act out their lives there. Restoration is done to use objects as touchstones for stories of personalities."

Virginia Goes To Michigan

Bill Seale's consulting work frequently takes him far from his home base of Alexandria, Va. He has recently been earning a lot of Frequent Flyer miles traveling to Lansing, Mich., where he is the historical interiors consultant to Richard Frank, FAIA, on the restoration of the Michigan State Capitol.

"We wouldn't be as far along on this project without Bill," says Dick Frank. "He is one of the most articulate and persuasive people I've ever encountered — a definite asset in a client meeting. He speaks in perfectly constructed sentences," says Dick with some awe, "almost as if he were reading a paragraph from one of his books."

Dick Frank tells the tale of a typical crisis that arose during the restoration of the Senate Chamber, where Seale's practicality and persuasiveness saved the day. "Our team wanted to have a documentary 19th-century carpet on the floor of the Senate Chamber. But the Senators wanted to have the Michigan State Seal in carpet pattern. Working with our color consultant, Darla Olson, Bill designed a border in the Victorian style that incorporates the state seal, while using an authentic 19th-century pattern for the field portion of the carpet. Everyone loved it; problem solved," says Dick.

A Leading Capitol-ist

Bill Seale has had a hand in the restoration of five state capitols. This is only appropriate, since Seale is more responsible than any other single individual for the renewed interest in our nation's old capitols.

Twenty years ago, plans were afoot to demolish many "outmoded" state capitols. But in 1976 there appeared a book called "Temples of Democracy," written by Seale in association with Henry-Russell Hitchcock. In their book, the authors dramatized the architectural and cultural significance of these



Fresh from the restoration of the George Eastman House in Rochester, N.Y., and in the midst of historical consulting on the Ohio Statehouse, William Seale is now (among many other projects) working on an architectural history of the White House for the American Institute of Architects.

magnificent, but endangered, governmental monuments. Much of the sentiment for restoring state capitols — a movement in full flower today — can be traced to the appearance of Hitchcock and Seale's influential study.

In addition to the Michigan State Capitol, Bill is also historical consultant to Schooley Caldwell Associates, Columbus, Ohio, on the restoration of the Ohio Statehouse. This Greek Revival temple, built between 1838 and 1860, was designed originally by Thomas Cole, better known as the founder of the Hudson River school of painting. Although a succession of designers worked on the Statehouse over two decades, the end result shows remarkable fidelity to Cole's original concept.

The Other Facets

Besides his roles as historian, author, and consultant on state capitols, there are many other facets to Seale's career:

The Teacher: Bill has been, among other things, Assistant Professor of History at Lamar University, Lecturer in History at University of South Carolina, and Adjuct Professor of Architecture at Columbia University.

The Curator: In his museum career, Seale has been Director of the Midland Exposition Center at the South Carolina Tricentennial Celebration, Director of the Historic Columbia (S.C.) Foundation, White House Historian for the National Park Service, and Curator of American Culture at the Smithsonian Institution.

The Designer: Bill Seale has considerable skill at drawing and design. (Like most artists, Bill is fussy about his tools: He uses only a wide-nib Parker

continued on page 44



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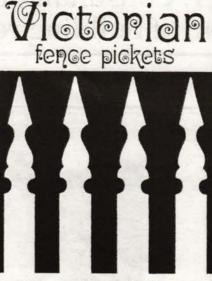


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HIMNEYS: NEW STANDARDS

By Clem Labine

ith chimneys, safety considerations and building codes come before aesthetics. Because safety issues are so important, it's not surprising that here are lots of claims and counter-claims among competing lining suppliers. With the chart below, we've attempted to provide a road map through the nomenclature jungle.

One of the major new battlegrounds is the 'zero clearance" issue, which is especially imporant in relining old flues. The UL 1777 standard (see below) normally calls for a 1-in. air space between the chimney masonry and adjacent combustibles (such as framing timbers). In old construction, it's frequently impossible to know with 100% certainty that you have the required 1-in. clearance. That's why a chimney lining with sufficient insulating value that permits it to be UL Listed at zero clearance to combustibles has some safety advantages in retrofit applications.

The recognized safety standard for chimney liners — both metallic and masonry — was developed by Underwriters Laboratories. Called UL 1777, the Standard sets forth the requirements that a product must meet in order to be considered in compliance and thus safe. For example, a poured-in-place masonry liner must pass 9 dif-

- 1-3. 3 separate temperature tests up to 2,100 °F.
- 4. Resistance to thermal shock
- 5. Compressive strength
- 6. Freeze/thaw resistance
- 7. Acid resistance
- 8. Sweep test

9. Rain entry test

For maximum safety, all chimney liners should be tested to make sure they meet the standards of UL 1777.

DIVISION 4 - CHIMNEYS ■

Fireplace & Chimney Handbook If you need a good handbook on masonry

fireplaces and chimneys, write for this 174-pg. softcover reference. Packed with design and construction details, the book is written for architects, contractors, and other professionals. The manual includes the requirements of the Uniform Building Code, the U.S. Dept. of Housing & Urban Development, County and City of Los Angeles Building Codes, and the Energy Conservation Requirements of the State of California. The book is available for \$10 (ppd.) from: The Masonry Institute of America, 2550 Beverly Blvd., Dept. TB, Los Angeles, CA 90057

New ASTM Standard For Chimneys

In an effort to bring greater safety to chimney construction, The American Society For Testing Materials (ASTM) currently has a new chimney standard in committee. It's expected that the new standard will become official in about 6 months.

The new standard will address, among other things, the two biggest safety problems in chimney construction: (1) Insufficient clearance to combustibles; and (2) Insufficient allowance for the chimney lining to expand and contract independent of the chimney masonry.

According to Todd McClave, V.P. of Superior Clay Corp. and a member of the ASTM Task Group writing the standard, "The standard will not only promote safety in new construction, but it will also be useful for contractors who are retrofitting clay liners in old chimneys.

Here are some of the key passages from the working draft (bear in mind it's not yet official) of the new ASTM standard as it relates to chimney linings.

☐ Flue liners shall be installed ahead of the construction of the chimney as it is carried up, carefully bedded one on the other in refractory mortar. All joints of flue linings shall be 1/16-in. to 1/8-in. thick, sealed air tight and struck flush so as to produce a straight, smooth, fully aligned flue. Liners shall not be placed in such a manner as to cause ledges or steps within the flue passage.

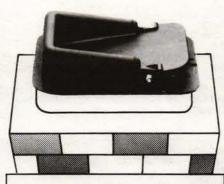
☐The flue lining and surrounding masonry shall touch only in spot loca-

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tions, not to exceed 2 sq. in. each, to assure proper alignment support. In no case will the flue liner be encased completely around its circumference in one location. Flue liners shall be surrounded by masonry on all four sides.

☐ The flue lining shall extend the entire height of the chimney. The lining shall be carried up as vertically as possible but, when necessary, a maximum slope no greater than 30° from vertical shall be used.

☐ The flue lining shall be separated from the chimney wall by at least 1/2-in. This will permit the flue lining, which is filled with hot gases and smoke, to expand and contract freely.



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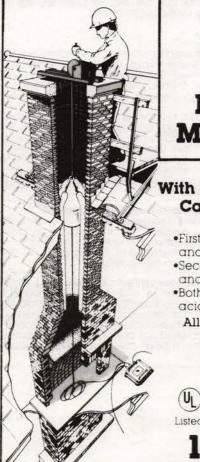


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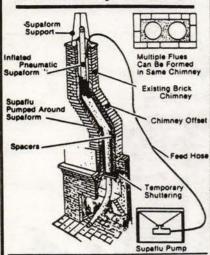


CHIMNEYS SourceList

COMPANY	SPECIALTY	Literature	Linings	Pots/Caps	Specialty Brick	Refractory Materials	Dampe
Ahrens Chimney Technique 2000 Industrial Ave., Dept. TB Sioux Falls, SD 57104 (800) 843-4417	Offers two types of chimney lining systems. Ahrens Chimney Technique applies a continuous cementitious liner in old flues, with a second liner that cures to a hard finish resistant to acids and moisture. Ahrens' system is UL Listed to 1777 Standard, and is UL Listed for use in chimneys with zero-clearance to combustibles. Also has just introduced Cerma-Flue unit ceramic liner system designed to withstand corrosive elements that destroy ordinary liners. Dealers nationwide.	Free Write in No. 244		Andrews of the second	DAKK	Macrials	
The Brickyard P.O. Box A, Dept. TB Harrisonville, MO 64701 (816) 887-3366	Supplies authentic, decades-old unused clinker brick that can be used to create character-rich fireplaces and chimneys.	Send \$10 for phofos & sample brick. Or, for free flyer: Write in No. 396	, selfator		,		
Certified Chimney Contractors P.O. Box 222, Dept. TB Hasbrouck Heights, N.J. 07604 (212) 724-9411 (800) 479-7722 (NJ)	Specialist providing all chimney contracting services, from simple inspection and sweeping to major reconstruction and repair. Fireplace repairs, dampers, chimney linings, firebox reconstruction, chimney reconstruction (internal and external). Residential, industrial, commercial.	Free Write in No. 547	~	~	in the second	~	V
Victor Cushwa & Sons P.O. Box 160, Dept. TB Williamsport, MD 21795 (301) 223-7700	Manufactures a wide range of specialty bricks in an extensive range of colors, shapes, sizes, and styles. Specializes in custom-designed brick units — both machine-molded and handmade. Offers new "Antique Collection" line that provides a handmade look in an affordable machine-molded brick.	Free	7281 m.	TO SHA	,		
Glen-Gery Brick 1166 Spring St., Dept. TB Wyomissing, PA 19610 (215) 374-4011	Wide variety of bricks appropriate for traditional fireplaces and chimneys. Recently introduced its "Easy Shape" series to make it faster and more economical to introduce special architectural features in brickwork. Shapes included in the new "Easy" series are: arch, watertable, tread, sill, and rosette.	Free		1 190	-	G PERT	
Homestead Chimney P.O. Box 5182, Dept. TB Clinton, NJ 08809 (201) 735-7708	Chimney contractor specializing in poured chimney linings. Also: Inspections and repairs, caps and dampers installed, custom installations, safety tests and evaluations, chimneys relined.	Free Write in No. 548	V	V	and the	ALSO I	~
Lyemance International 502 Lancassange Drive Jeffersonville, IN 47131 812) 288-9953	Supplies a top-sealing fireplace damper that mounts at the top of the chimney. Seals in heat, shuts out water, birds and insects. Makes fires easier to start. Can be used with new or existing fireplaces requiring 9 x 13, 13 x 13, 13 x 18, or 17 x 17 flue liners; can be used with smaller flue liners. Made from cast aluminum; installs quickly.	Free Write in No. 512					~
H. C. Muddox 4875 Bradshaw Rd., Dept. TB Sacramento, CA 95827 (916) 325-3620	Manufactures a line of terra-cotta chimney pots in 8 different architectural shapes. Also manufactures terra cotta flue linings and specialty architectural face brick in a range of sizes, textures, and colors.	Free	V	,	~		L Ma
National Supaflu Systems P.O. Box 89, Dept. TB Walton, NY 13856 (607) 865-7636	Supplies a cast-in-place cementitious chimney lining system. An inflatable rubber form is lowered into the chimney, and the liner material is poured around it. Residential/commercial/industrial. Dealers nationwide. Also supplies a manufactured interlocking modular chimney system called "Supa-Block" — in which flue lining and exterior casing are cast as a single unit. Modules come in brick pattern or plain block. And supplies "supa-t-liner": a pre-cast refractory liner and insulating infill for both new construction and retrofit applications.	Free Write in No. 164	•				
Protech Systems, Inc. 26 Gansevoort St., Dept. TB Albany, NY 12202 (518) 463-7284	Offers Ventinox chimney lining systems, which are continuously welded, airtight, flexible liners fabricated from titanium-stabilized stainless steel. The smooth surface is acid-resistant and non-porous. Tested and Listed to UL 1777 by Underwriters Laboratories. Also supplies Thermix insulation material for filling void between liner and the chimney wall. Distributors and dealers nationwide.	Free Write in No. 206	V				1 120
Robinson Flagstones P.O. Box 208, Dept. TB Fort Washington, PA 19034 215) 646-3500	Fabricates flagstones from Pennsylvania Bluestone (not slate) that can be used for chimney caps and coping, among other applications.	Free					
Rutland Fire Clay Co. P.O. Box 340, Dept. TB Rutland, VT 05701 (802) 775-5519	Largest supplier of refractory materials for fireplace and chimney repair: Refractory mortar, chimney flashing cement, fireplace mortar, RTV high heat silicone sealant, chimney treatment for removing creosote, refractory cement, and castable refractory cement.	Free	F1 40			v	
Sleepy Hollow Chimney Supply 85 Emjay Blvd., Dept. TB Brentwood, NY 11717 (516) 231-2333	Supplies a number of chimney & fireplace fittings, including a top-mounting chimney fan that increases chimney draft while consuming less power than a light bulb. Super Vent retrofit repairs damaged fireplaces without disturbing original masony. Units feature a firecast refractory firebox, hearth, and side flares, with a Type 310 SS smoke chamber. Chimney liners & dampers.	Free Write in No. 570 (exhaust fan) or Write in No. 569 (Super Vent)	~			-	
Solid/Flue Chimney Systems 370 100th St. S.W., Dept. TB Byron Center, MI 49315 (616) 877-4900	Services "Solid/Flue Chimney Savers," a network of franchised dealers. The Solid/Flue method involves placing a rubber form into a chimney and pumping a highly insulative cementitious material around it. Tested and listed to UL 1777 and UL 127 at zero clearance to combustibles.	Free	~				
Superior Clay Corp. P.O. Box 352, Dept. TB Uhrichsville, OH 44683 (614) 922-4122	Manufactures vitrified clay flue lining; rectangular sizes from 4" x 8" to 24" x 24", round sizes from 3" to 36" — both socketed and plain end. Fired clay Rumford throats, dampers, and smoke chambers. Over 50 styles of decorative chimney tops are available, as well as ability to produce custom designs. Dampers, firebrick, refractory mortar, clean-out doors, and other chimney	Free Write in No. 549	~	v	V	V	~

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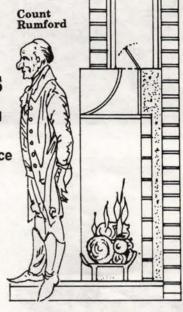
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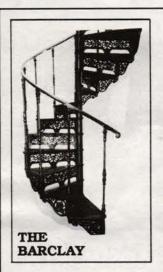
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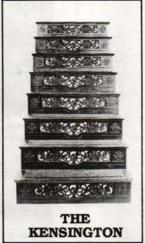
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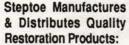
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For more information, contact: James Walker, Director, The Institute of Metal Repair, 1558 S. Redwood, Dept. TB. Escondido. CA 92025 (619) 747-5978. CSI# 05700 - JL

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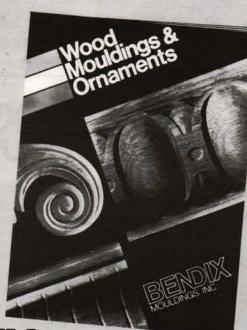
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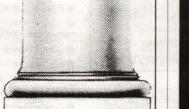
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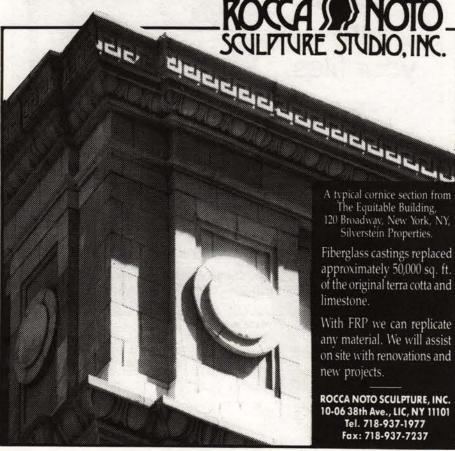
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THE MANTEL: MAJOR DRAMA

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■ BY CLEM LABINE



he mantelpiece always steals the show. As the surrounding for the firebox, the mantel triggers our primeval memories of hearth and fire. It's the place to which eyes automatically gravitate . . . the place around which people want to sit. The

presence of a mantel in a room adds the illusion of warmth, even if the piece is purely ornamental.

Mantels are a highly developed form of decorative trim . . . with conventions that have evolved over the centuries. Even a freestanding mantel — without benefit of a fireplace behind it — can have major impact because of all the associative

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When looked at as a percentage of the fireplace/chimney installation cost, the mantel is a small fraction of the total price. Installing a high-impact mantel can dramatically increase the eye appeal of a fireplace — without causing a correspondingly large increase in the price of the total fireplace system. Mantels are one of the few pieces of interior architectural trim that can add to the perceived value of an entire home or building. Thus the mantel is not a wise place to cut corners.

While aesthetics are important, local fire codes can affect mantel installations, too. Jim Karabekir, President of ADI Corp., points out that most codes call for 1 in. of noncombustible facing material between the firebox and a wood mantel for every 1/8 in. that the mantel projects. For example, if a wood

mantel leg is 1-1/2-in. deep in profile (body projection), that means there should be 12 in. of noncombustible facing between the firebox opening and the inner edge of the mantel. With thick wood mantels, this formula may call for excessively wide facings. For instance, a wood mantel with 3-in. body projection would call for 24-in. wide facing. At that point, you may be able to negotiate a compromise with your local building inspector.

We've listed 67 suppliers of mantels in an extensive range of types: From relatively inexpensive stock traditional mantels to high-end custom producers, in a wide variety of materials. Space doesn't permit us to list every mantel producer in the U.S., but there is at least one supplier for every mantel type . . . from paintable pine to hand carved marble. •

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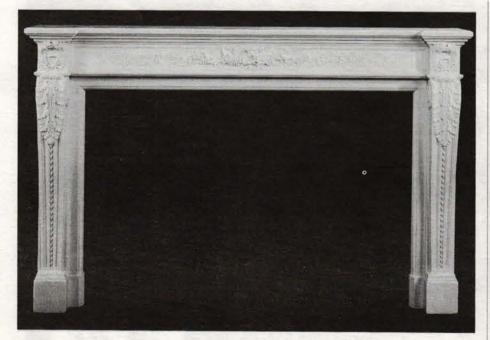
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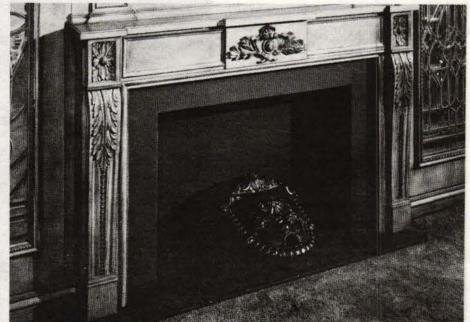
MANTELS SourceList

BY CLEM LABINE and JUDITH SIEGEL LIEF

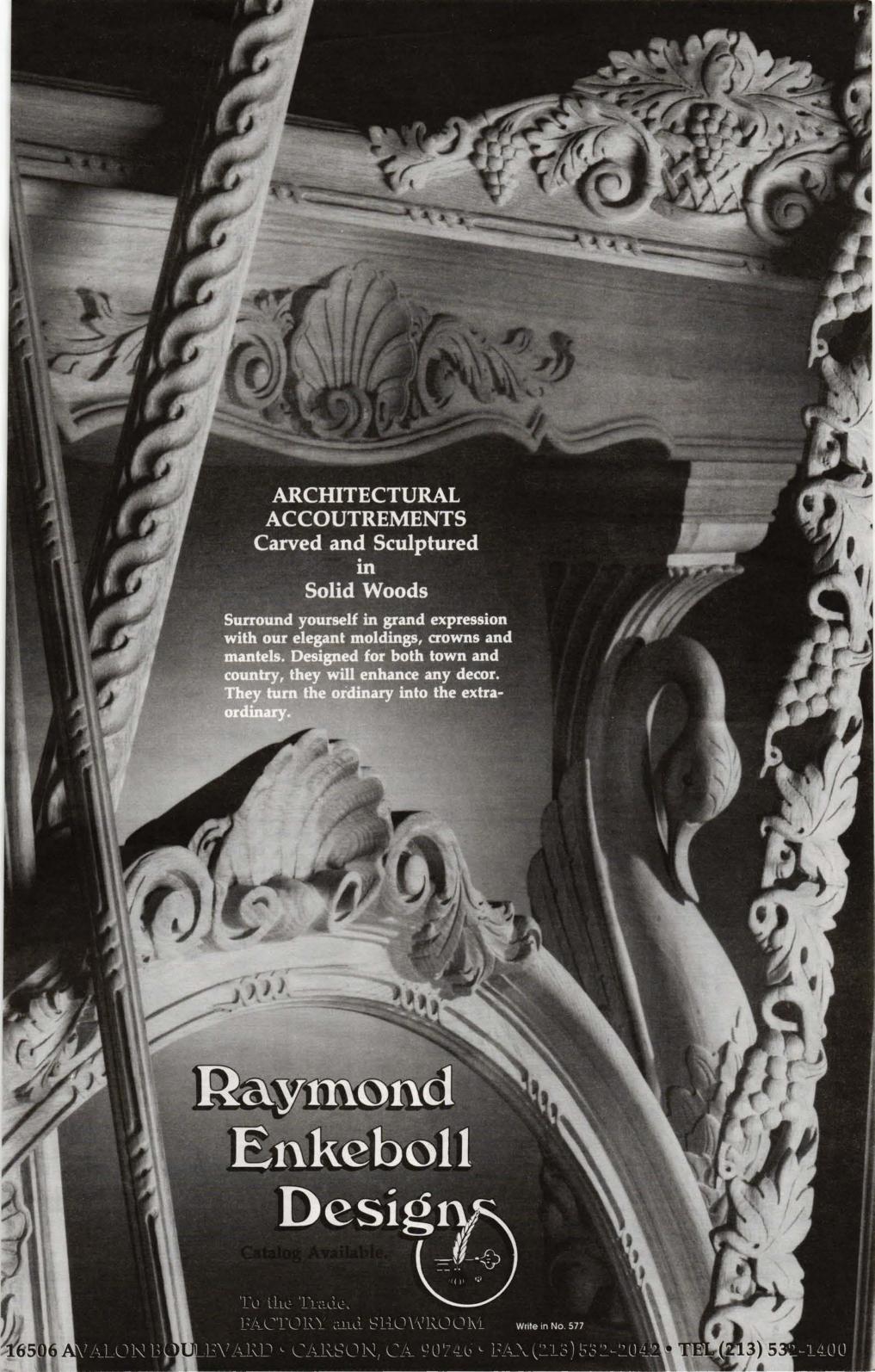
COMPANY	SPECIALTY	Literature	Antique	Custom/			terials	T. Cross
terminal and at later	no will be a series the board	want side		Stock	Wood	Marble	Cast	Other Material
The Acquisitions Collection Focus International 244 Peters Rd. No., Dept. TB Knoxville, TN 37923 (615) 694-6151	Largest manufacturer of authentic reproduction cast-iron Victorian mantels; newly entering the U.S. market. Each piece is registered and copyrighted. See also the Fireplaces and Accessories and Fireplace Tiles SourceLists.	Free	ere li	C/S	~	~	~	Cast iron
Danny Alessandro, Ltd. 307 E. 60th St., Dept. TB New York, NY 10022 (212) 421-1928	Antique and reproduction mantels and accessories, specializing in 18th-century French and English marble and wood mantels.	Free	~	С	,	-		Limeston
American Custom Millwork, Inc. 3904 Newton Rd., Box 3608, Dept. TB Albany, GA 31706 (912) 888-3303	Manufacturer of custom wood mantels — new and reproduction — in Early American, Victorian, Classical, or Traditional. Also offer design service; do other custom millwork as well.	Free with letter- head request		С	v			
Amherst Wood Working and Supply Box 718, Hubbard Ave., Dept. TB Northampton, MA 01061 (413) 584-3003	Primarily panelling and molding manufacturer, they will custom make mantels from specs.	Free Write in No. 410		С	V	100 F 100	Sport S	A PRINCE
Architectural Antiques Exchange 715 N. Second St., Dept. TB Philadelphia, PA 19123 (215) 922-3669	Both antique and reproduction mantels in many styles: Greek, Gothic, Classical, and Colonial Revival, French, English, and Art Deco. Wood is hand carved.	Free Write in No. 544	,	C/S	V	~	~	e la communicación de la c
Architectural Components, Inc. 26 No. Leverett Rd., Dept. TB Montague, MA 01351 (413) 367-9441	They build Early American mantels and raised panel fireplace walls.	Free Write in No. 385		С	V			
Architectural Heritage 10310 Plano Rd., Ste. E, Dept. TB Dallas, TX 75238 (214) 343-4101	Manufacture large variety of stock designs in Early American, Victorian, Classical, and Traditional styles. Mostly hand-carved wood; some with marbled panels. Mantel components also available individually. Design service.	Free Write in No. 529		C/S	,			
Architectural Paneling, Inc. 979 Third Ave., Dept. TB New York, NY 10022 (212) 371-9632	22 hand-carved stock English and French mantel styles. Additional charge gets you a custom size; custom finishes available.	Free Write in No. 530		C/S	V			EATHY
Architerra Austin 1304 South 6th, Dept. TB Austin, TX 78704 (512) 441-8062	Handcrafted terra cotta modules can be configured to create a variety of mantel styles - neoclassic to contemporary. Custom modules can also be ordered. Also can create columns, pedestals, moldings, and sconces.			S/C		sulue)	170	Terra cotta
Aristocast Originals 6200 Highlands Pkwy S.E., Ste. 1, Dept. TB Smyrna, Atlanta, GA 30082 (404) 333-9934	Large manufacturer of authentic reproduction mantels in classical styles. Material is Herculite — a special fibrous plaster cast in silicon rubber molds.	Free Write in No. 118		C/S	,		,	Herculite
Artefact Architectural Antiques 130 So. Main St., Dept. TB Doylestown, PA 18901 (215) 340-1213	Their collection of antiques spans 1790-1920 including mantels, newel posts, and brackets in various hard and soft woods, stained and beveled glass, and other architectural ornament and millwork. Their adjunct design firm — FandM Design — restores the pieces and consults on installation, etc.	Free	~	S	,	v		
The Balmer Studios 9 Codeco Ct., Dept. TB Don Mills, Ontario M3A 1B6 (416) 449-2155	Manufacturers of composition gypsum cement mantels. Classical styles can be undecorated or lacquered and antiqued.	Free Write in No. 551		S				
Barewood Inc. 106 Ferris St., Dept. TB Brooklyn, NY 11231 (718) 875-9037	Custom woodworking shop specializing in mantels, staircases, cabinetry, millwork, and more.	Free Write in No. 167		С	,	STORY OF	-ar	



Heritage Mantels, Inc., No. 120 — Marble.



Architectural Paneling, Inc., Louis XVI, No. 703A — White maple.





TRADITIONAL BUILDING'S ANTELS SourceList (continued)

COMPANY	SPECIALTY	Literature	Antique	Custom/	Materia			is	
COMPANY	STECIALIT		Aimque	Stock	Wood	Marble	Cast	Other Materia	
Boise Moulding and Lumber Co. 116 E. 44th St., Dept. TB Boise, ID 83714 (208) 322-6066	Manufacturer specializing in custom wood mantels and other architectural millwork (paneling, windows, doors, and moldings). All mantels are individually built; design service available.	Free Write in No. 317		С	v				
Brill and Walker Associates Box 731, Dept. TB Sparta, NJ 07871 (201) 729-8876	True hand-carved reproduction mantels from England. Custom and standard designs (21); stock and custom sizes. Many standard designs in stock sizes available for immediate shipment.	Rree Write in No. 531		C/S	v				
Castings, Inc. 151 DeKalb Industrial Way, Dept. TB Decatur, GA 30030 (404) 371-8108	Five styles of noncombustible plaster mantels and surrounds in Traditional, French Provincial, and Contemporary designs. They can also make molds from customer's design.	Free Write in No. 532		C/S			~	Plaster	
Center Lumber Co. 85 Fulton St., Box 2242, Dept. TB Paterson, NJ 07509 (201) 742-8300	100-year-old millwork company specializing in mantels, entryways, doors, windows, panelling, and more including over 1,200 molding profiles. Any species (including exotic) wood available.	Free with letter- head request		С	,				
Crawford's Old House Store 550 Elizabeth St., Dept. TB Waukesha, WI 53186 (800) 556-7878 in WI (414) 542-0685	Distributes Dalton-Gorman; see below.	Free Write in No. 22		С					
Cumberland Woodcraft P.O. Drawer 609, Dept. TB Carlisle, PA 17013 (800) 367-1884 in PA (717) 243-0063	Reproduction hand-carved wood mantels in Early American, Victorian, Classical, and Traditional styles. Two styles have marble insets.	Free Write in No. 131		C/S	~				
Dalton-Gorman 1508 Sherman Ave., Dept. TB Evanston, IL 60201 (800) 356-3792	Victorian, Classical, and Traditional reproduction marble and pre-cast mantels. Sixteen marble color tones available. Most are freestanding.	None		С		~	~		
Decorator's Supply Corp. 3610-12 So. Morgan St., Dept. TB Chicago, IL 60609 (312) 847-6300	Birch and poplar mantels with composition ornaments applied. Walnut or oak optional. Classical styles come primed.	Send \$5 for mantels catalog		S	v				
Dovetail Woodworking Co. P.O. Box 352, Dept. TB East Greenwich, RI 02818 (401) 885-2403	Traditional hand-carved reproduction mantels in 6 designs; poplar or Honduran mahogany. Other styles, woods, and custom finishes available.	Free with letter- head request		C/S	~				
Draper and Draper, Ltd. 200 Lexington Ave., Suite 1409, Dept. TB New York, NY 10016 (212) 679-0547	Antique and reproduction mantels, overmantels, and accessories. Custom hand-built, hand-carved mantels in American, English, French, and Contemporary styles. Complete design service. Professional discounts.	Free Write in No. 533	V	C/S	~		~	Stone, brass, iron, ste	
Elizabeth Street 210 Elizabeth St., Dept. TB New York, NY 10012 (212) 941-4800	Manhattan showroom specializing in high-end antique stone and marble fireplace surrounds— several hundred available—French, English, and American from 17th-19th centuries in wide array of colors. Also extensive collection garden statuary and ornamentation.		~	S		v			



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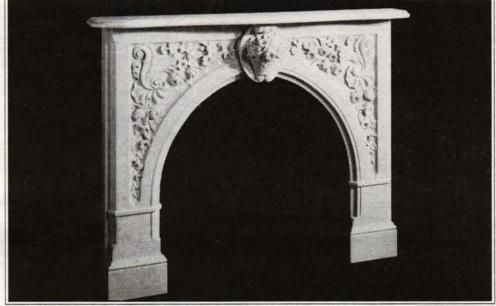
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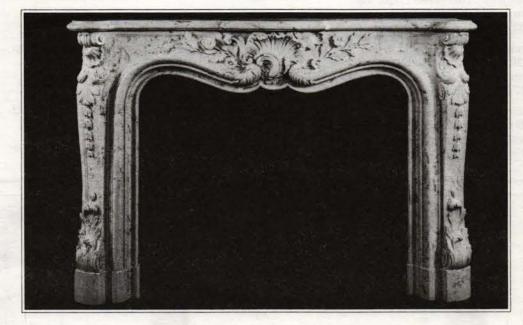
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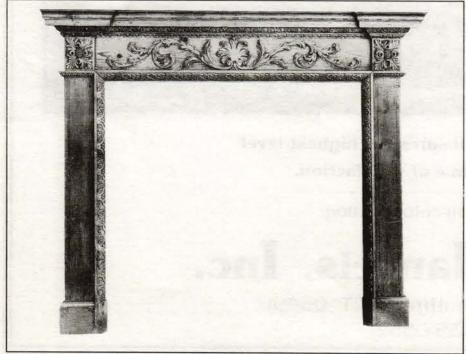
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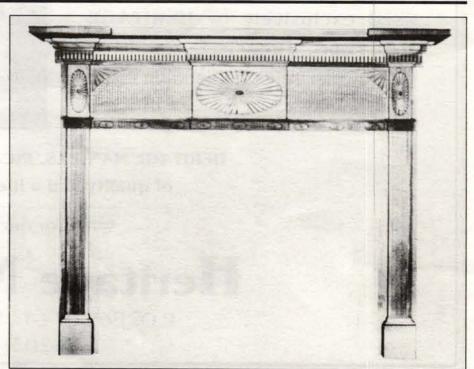


TRADITIONAL BUILDING'S ANTELS SourceList (continued)

COMPANY	SPECIALTY	T :	A	Custom/		Ma	aterials	
COMPANY	SPECIALIT	Literature	Antique	Stock	Wood	Marble	Cast	Other Material
Raymond Enkeboll Designs 16506 Avalon Blvd., Dept. TB Carson, CA 90746 (213) 532-1400	Carved and sculptured "architectural accoutrements" in oak and clear maple (other woods available on request). Original designs in traditional styles.	Free Write in No. 577	bo	C/S	~	702		
Fancy Front Brassiere Co. P.O. Box 2847, Dept. TB Roseville, CA 95746 (916) 791-7733	Specialize in components for mantels: Fluted casing, corner blocks, and brackets and moldings. Can work in pine, oak, cherry, mahogany, or any other species available.	Free Write in No. 332	2011	S	V	25]		
Florida Victorian Arch. Antiques 112 Georgia Ave., Dept. TB Deland, FL 32720 904) 734-9300	Inventory includes wood mantels, bathroom fix- tures, heart pine flooring, wood columns and stair- cases, and stained and bevelled glass.	Free Write in No. 557	~	S	~			
Fourth Bay 10500 Industrial Dr., Dept. TB Garrettsville, OH 44231 (216) 527-4343	Unfinished oak or poplar Georgian mantel. See also the Fireplaces and Accessories and Fireplace Tiles SourceLists.	Free Write in No. 521	organ masil	S	V	THE ST	zon eren	
Michael Gordon, Inc. 444 Grand St., Dept. TB Paterson, NJ 07505 (201) 523-4408	Mid-sized custom shop. Also complete finishing facility.	ीं महाराज्य क्षेत्र समित	Legely.	С	V	in the	inia. Buri	
Great American Salvage Co. 3 Main St., Dept. TB Montpelier, VT 05602 (802) 223-7711	Stock of antique wood, marble, iron, slate, and stone mantels in classical styles. Offer complete restoration service; can ship anywhere in the world. They are equipped to custom fabricate any mantel to client's specs.	altes, iro	~	C/S	~	~	~	
Henderson, Black and Greene, Inc. PO Box 589, Dept. TB Troy, AL 36081 (205) 566-5000	Colonial western pine mantels. They sell to distributors only; contact them for local area distributors.	Free		S	~			
Heritage Mantels, Inc. Box 671, Dept. TB Southport, CT 06490 (203) 335-0552	Fine authentic reproduction marble mantels. Victorian, Classical, and Traditional styles; seven finishes.	Free Write in No. 535		S		~		Limeston composi tion
Wm. H. Jackson Company 3 E. 47th St., Dept. TB New York, NY 10017 (212) 753-9400	150-year-old company specializing in several hundred Early American, English, and French wood mantels and overmantels.	Free	~	C/S	,	V	v	
Joseph/Kenyson Ltd. 540 Nepperhan Ave., Dept. TB Yonkers, NY 10701 (914) 969-5323	Mantels crafted in exotic veneers and solid woods.	The second		С	V			
Kerry Joyce 5160 Melrose Ave., Dept. TB Los Angeles, CA 90038 (800) 456-7123	Cast stone or plaster composite mantels in mostly contemporary styling, but they do make a "Traditional Series" — about ten designs, mostly Early American. Four colors available. Also matching mantel shelves.	Free		S			~	Cast stone or plaster composi
Kentucky Millwork Inc. 4200 Reservoir Ave., Dept. TB Louisville, KY 40213 (502) 451-3456	Eleven styles of wood mantels; custom sizes available.	Free	249	C/S	v			
Kreider Brothers, Inc. 2220 Horseshoe Rd., Dept. TB Lancaster, PA 17601 (717) 397-3768	50-year-old family run millwork and cabinetry shop with emphasis on mantels, staircases, cabinetry, windows, doors, and casework.	Free Write in No. 536	south	C	v	ine.	S716	
Larkin Company 210 Carter Dr., Suite 4, Dept. TB West Chester, PA 19382 (215) 696-9096	Manufacturer of hand-crafted architectural wood- work including mantels, columns, pediments, top panels, wainscotting, shutters, and moldings in a variety of hardwoods. Mantels are shipped fully as- sembled; design service available.	head request. Write in No. 537	past	C/S	V	T III	la co	



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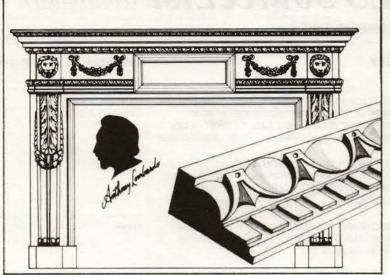


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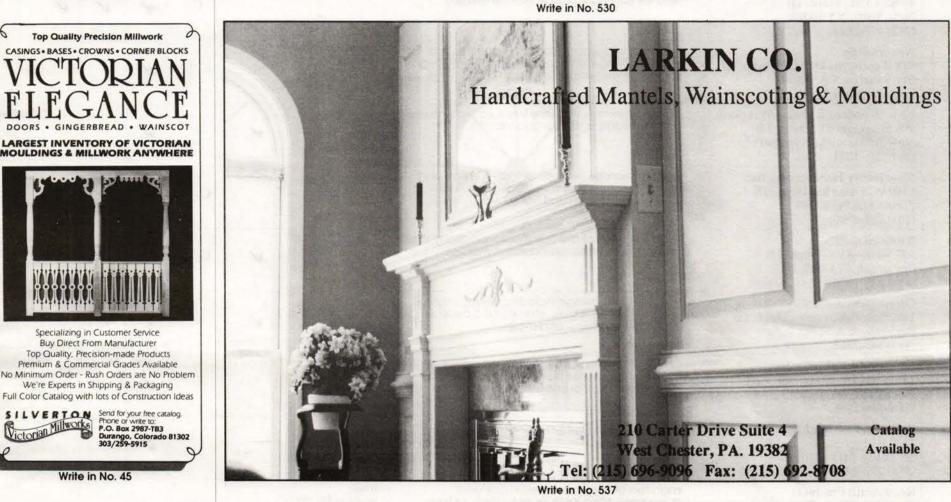
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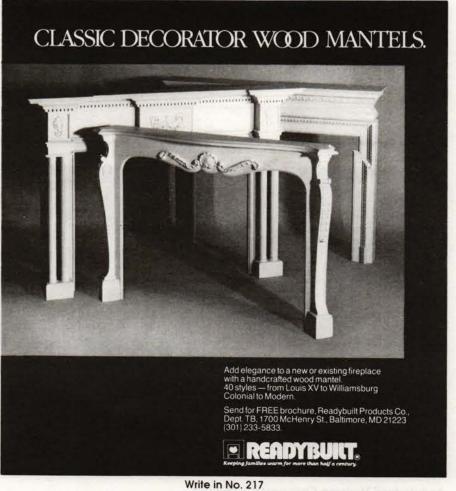
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TRADITIONAL BUILDING'S ANTELS SourceList (continued)

COMPANY	SPECIALTY			Custom/		Ma	aterials	
COMPANI	SIECIALII	Literature	Antique	Stock	Wood	Marble	Cast	Other Material:
Maizefield Mantels Box 336, Dept. TB Port Townsend, WA 98368 (206) 385-6789	Catalog of stock styles shows 15 Georgian, Greek Revival, Federal, and other wood mantels, in primed alder. Any wood, any size. Custom work welcomed; shipped anywhere — fully assembled.	Free Write in No. 538		C/S	V			, , , , , , , , , , , , , , , , , , ,
The Mantel Works 1405 Spring St., Dept. TB Atlanta, GA 30309 (404) 892-2130	10 styles of custom and reproduction wood mantels — Early American and Victorian — in cypress, cherry, walnut, pine, and poplar. Other millwork services available.			C/S	~			
Materials Marketing Corporation 922 Isom Rd., Dept. TB San Antonio, TX 78216 (512) 524-3800	Hand-tooled stone mantels in about eight styles and 12 colors; traditionally styled. See also the Fireplace Tiles SourceList.	Free		C/S			~	Natural Mexican stone (cantera and ado- quin)
Materials Unlimited 2 W. Michigan Ave., Dept. TB Ypsilanti, MI 48197 (313) 483-6980	Mostly antique and fully restored carved wood mantels; also carry Heritage marble mantels. Custom reworking; custom design and fabrication. Can ship anywhere.	No literature; can send photos	~	C/S	,	~		
Gregory Muller Associates 45 Bond St., Dept. TB New York, NY 10012 (212) 477-3614	High-end marble and stone sculptors and restorers who will fabricate unique mantel designs.			С	,	~	~	Stone
Nevers Oak 933 Rancheros Dr. "B", Dept. TB San Marcos, CA 92069 619) 745-8841	Hand-carved wood mantels — antique and reproductions. Traditional styles, original designs; shipped anywhere, unfinished.	Send \$7.50 for catalog		C/S	~			
New Brunswick House Wreckers 396 Somerset St., Dept. TB New Brunswick, NJ 08901 (201) 246-1071	Current inventory includes three slate mantels with cast-iron fronts and 12 wood mantels.		~	S	,			Cast iron
New Jersey Hardwoods, Inc. 1340 W. Front St., Dept. TB Plainfield, NJ 07063 (201) 754-0990	Custom mantels — stock details — in oak and poplar (or any wood specified). Early American, Victorian, Classical, and Traditional styles.	Free		C/S	,			
Nostalgia 307 Stiles Ave., Dept. TB Savannah, GA 31401 912) 232-2324	Wide selection of antique mantels — many styles and materials. Also reproduction mantels.	Call for photos	~	C/S	,	-	-	Stone, plaster
Ohmega Salvage 2407 San Pablo Ave., Dept. TB Berkeley, CA 94702 415) 843-7368	Architectural salvage including: Wood mantels, antique lighting fixtures, stained and beveled glass doors and windows, and more.	Free Write in No. 564	~	S	~	~		
Old World Cabinets Inc. 13 Lucon Dr., Dept. TB Deer Park, NY 11729 516) 254-3606	Custom manufacturer of wood mantels. Can replicate from photos or build to customer's specs. Pine, cherry, oak, mahogany; other species available.	Free Write in No. 539		С	~			
Petersen Planing Mill Co. 3320 Rutger St., Dept. TB St. Louis, MO 63104 314) 772-2700	Manufacturer of custom wood mantels.		=	С	V		A 100 PM	
Readybuilt Products Box 4425, Dept. TB Baltimore, MD 21223 (301) 233-5833	Importers of English mantels in oak and mahogany. Manufacture of 50 styles of Early American, Traditional, and Classical styles in red oak and poplar. Primed; paint-, or stain-grade unfinished.	Free Write in No. 217		C/S	~			
Red Baron's Antiques 6450 Roswell Rd., Dept. TB Atlanta, GA 30328 (404) 252-3770	They sell antiques and architectural detail. Inventory includes a large selection of mantels, various materials, various eras.			C/S	V	V	V	



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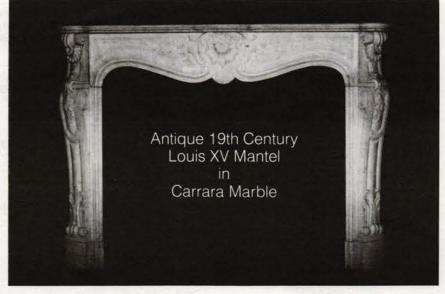
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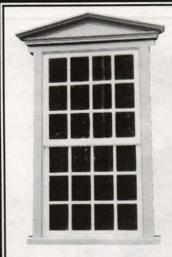
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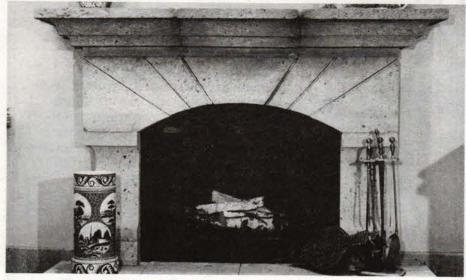
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TRADITIONAL BUILDING'S ANTELS SourceList (continued)

COMPANY	SPECIALTY	Literature	Antique	Custom/	1	Ma	aterials	
				Stock		Marble	Cast	Other Material
Renovation Source 3512 N. Southport Ave., Dept. TB Chicago, IL 60657 (312) 327-1250	Inventory of 50-75 oak and marble mantels from 19th and early 20th century. Also hearth and surround tile and overmantels.	None	~	S	V	V	~	Cast plaster and slate
Roman Marble 120 W. Kinzie St., Dept. TB Chicago, IL 60610 (312) 337-2217	Collection of antique marble mantels: French, English, Italian, and Victorian styles. Wide variety of reproduction wood mantels in English and French styles.	Free Write in No. 545	-	S	~			
Salvage One 1524 S. Sangamon St., Dept. TB Chicago, IL 60608 (312) 733-0098	Architectural salvage currently stocking over 1,200 mantels and fireplaces in oak, mahogany, pine, birch, and maple; also marble, cast iron, and slate from the 18th and 19th centuries. Reproduction mantels also available in mahogany, cypress, and pine from England and U.S.	Free Write in No. 499	-	S	V	~	~	Cast iron and slate
Stanley D. Saperstein 103 Corrine Dr., Dept. TB Pennington, NJ 08534 (609) 737-9364	One-man shop specializing in hand-carved moldings and joinery. Expert at matching missing parts enough to "fool restoration architects." He can also work from drawings.			C	v	JEAN JEAN		
Silverton Victorian Millworks Box 2987, Dept. TB Durango, CO 81302 (303) 259-5915	Complete line of stocked moldings and corbels to configure custom mantels. Standard woods are southern yellow pine and northern Wisconsin red oak. Can also work from specs — any coping or custom profile.	Free Write in No. 45		C/S	~		W- 3	
Spiess Antique Building Materials 228-230 E. Washington, Dept. TB Joliet, IL 60433 (815) 722-5639	Shop specializing in antique wood mantels.	Free Write in No. 571	•	S	-			
Stromberg's Architectural Stone P.O. Box 8083, Dept. TB Greenville, TX 75401 (214) 455-1199	Manufacturers of cast-stone mantels in classical and traditional styles.	Free Write in No. 540		C/S			V	Cast stone and precast concrete
Sunshine Architectural Woodworks 2169 Sunshine Dr., Dept. TB Fayetteville, AR 72703 (501) 521-4329	Colonial, Victorian, Classical, and Traditional mantels crafted from kiln-dried poplar, oak, cherry, and walnut in paint and stain grade; other woods available. Also raised panel, shutters, and other architectural millwork.	Free Write in No. 541		S	V			
Superior 4325 Artesia Ave., Dept. TB Fullerton, CA 92633 (714) 521-7302	Four hardwood mantel styles (red oak and poplar) to complement their Italian marble surrounds. See also the Fireplaces and Accessories SourceList.	Free		S	~			
Travis Millwork Rte. 3, Box 848, Dept. TB Spicewood, TX 78669 (512) 264-2007	Reproduction wood mantels with composition or- namentation in Victorian, Early American, and traditional. Design service available.	Free Write in No. 336		S/C			200	This is
Urban Artifacts 4700 Wissahickon Ave., Dept. TB Philadelphia, PA 19144 (215) 844-8330	Buy and sell antiques and architectural decor. Specializing in authentic antique mantels from the turn-of-the-century. Over 100 styles on display.	Send \$10 for full catalog; free flyer Write in No. 542	~	S	,	~		
Vander Heyden Woodworking, Inc. 151 W. 25th St., 8th fl., Dept. TB New York, NY 10001 (212) 242-0525	Cabinetwork and fine furniture; handcarving a specialty.			С	~			
Vintage Mantle Co. Box 702415, Dept. TB Tulsa, OK 74170 (918) 250-0800	Poplar and oak mantels with dowelled-joint con- struction; Victorian, traditional, Early American styles.	Free Write in No. 543	5.5.95	C/S	~			
World of Wood Ltd. 129 E. Wisconsin Ave., Dept. TB Oconomowoc, WI 53066 (414) 567-0188	Restoration and reproduction work in standard and exotic woods for commercial and residential projects. Also cabinetry, stairs, panelling, and more.	- 0 371 ft 2 1 2 i 200 Mg	A TAN	C	~	V ₁ 25		
The Wrecking Bar 292 Moreland Ave. N.E, Dept. TB Atlanta, GA 30307 (404) 525-0468	They gather architectural ornament — domestic and imported. Maintain \$2 million inventory including museum-quality pieces. They also have a design and restoration service		~	S	~			Iron and slate

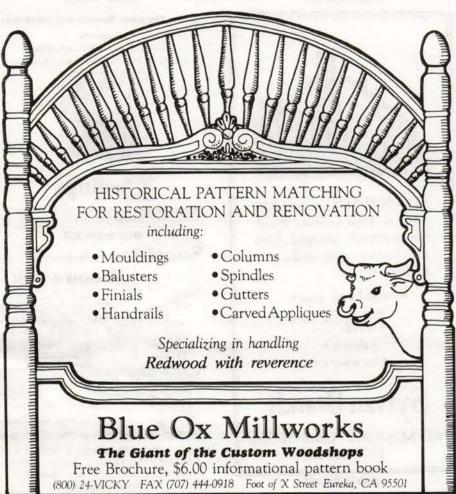


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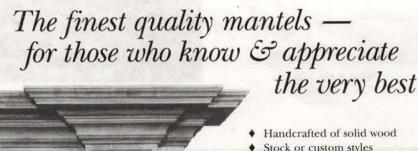
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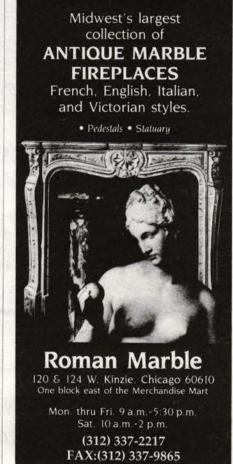
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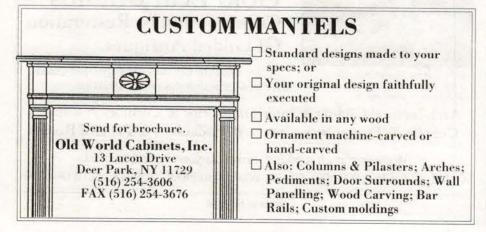




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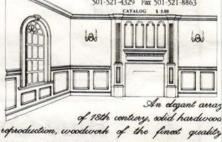
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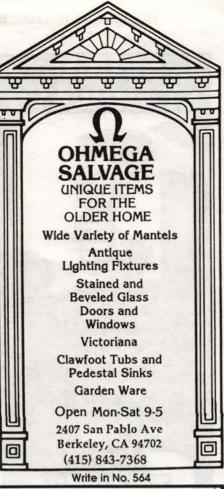
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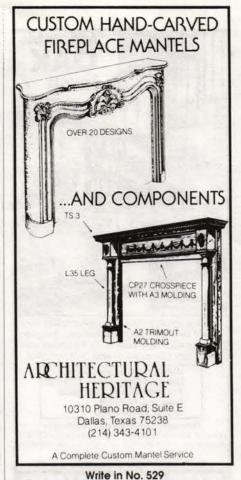




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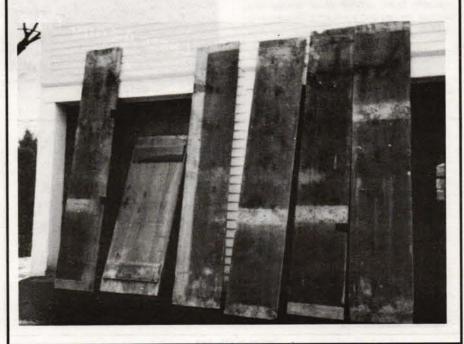
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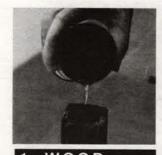
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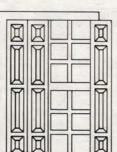
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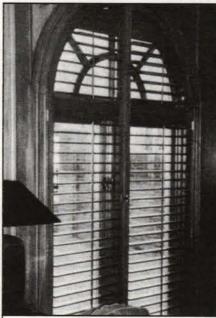
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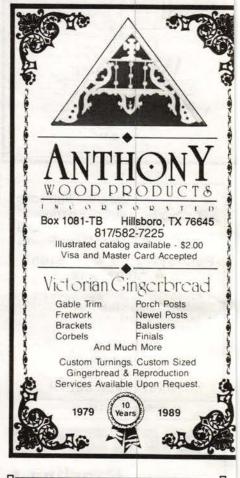
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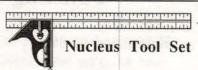
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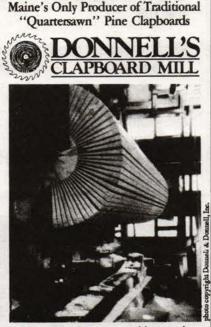
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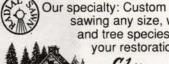
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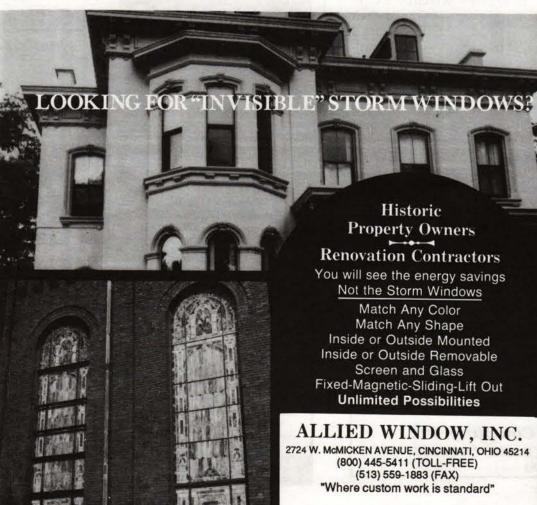
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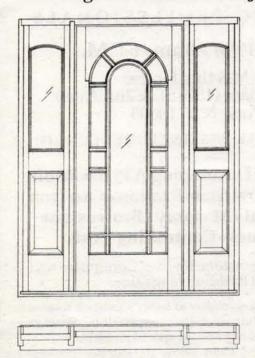
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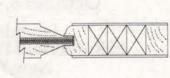
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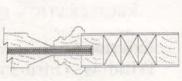
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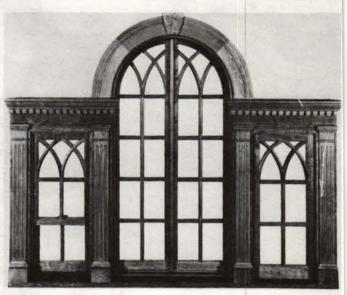
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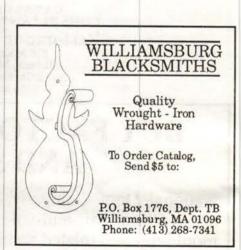
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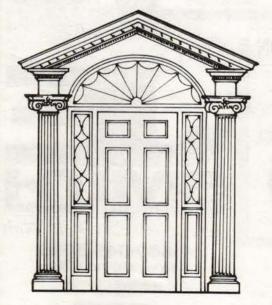
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(2) Encaustic tile: English monks developed this color-inlay technique in the 12th century; British ceramist Herbert Minton revived it in the 1840's. Countless public and private buildings in the U.S. used encaustic tiles after the Civil War; major manufacturer H & R Johnson revived the technique again in the late 1970's in England — as did L'Esperance Tile Works in the U.S.

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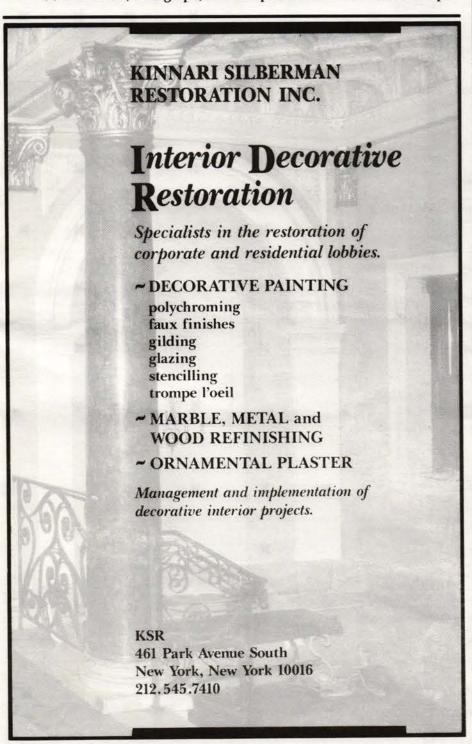
terns: A large variety of 18th-, 19th-, and early-20th-century patterns are available, some of them reproductions. Among the suppliers: Bertin Studio Tiles, Designs In Tile, H & R Johnson, and Fourth Bay.

(5) Arts-and-Crafts tiles: First developed around the turn of the century, these hand-crafted pieces typically bear mottled or iridescent glazes. Many companies produce watered-down versions of them, but at least two companies make the real thing: Pewabic Pottery and Backlund Moravian Tile Works, both descendants of turn-of-the-century workshops.

(6) Embossed tiles: Tiles with raised designs depicting flowers or faces were common on Victorian fireplaces. Some companies produce interpretations of old designs, including Elon, Knight & Swan, and Terra Designs, while Deer Creek Pottery, L'Esperance, FerGene Studio, and other custom-oriented shops copy old pieces.

The SourceList on page 32 includes one-person shops as well as international corporations. Some offer very broad lines with a few pieces suitable for traditional fireplaces, while others supply mainly historic styles. Some cannot accommodate custom requests, and others offer nothing but custom work. Of the custom shops, some specialize in restoration while others prefer more contemporary commissions. As indicated, all shops send out free literature, and some also sell sample kits.

If you need information immediately, call or write these companies directly. We've provided all contact information on the SourceList. (Please mention TRADITIONAL BUILDING.) The larger manufacturers may refer you to their local distributors. If you simply need information to update your files, you may find it more convenient to use the enclosed Product Information Card or the Form on page 46. *



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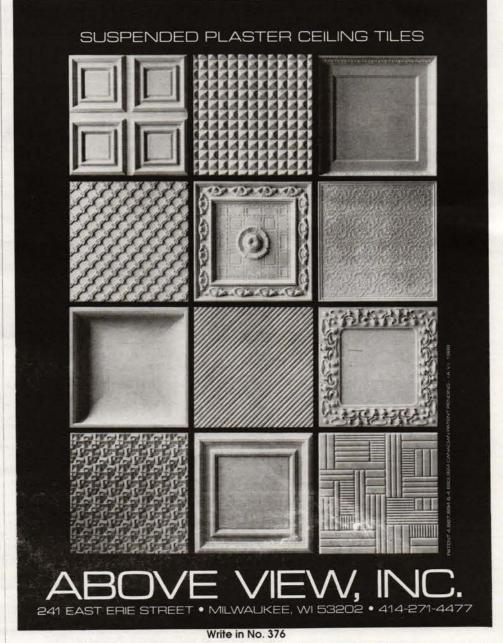


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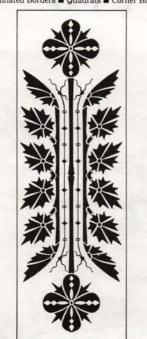
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COMPANY	SPECIALTY	Literature	Encaustic/ Inlaid	Embossed	Silkscreen/ Lithograph	Hand- painted		metrics Unglaze
The Acquisitions Collection Focus International 244 Peters Rd. N., Dept. TB Knoxville, TN 37923 615-694-6151	Impressive reproductions of Victorian, classical, and Art Nouveau fireplace tiles. All 6 sq.in. with half-size field tiles in brown, burgundy, green, yellow, red, and tortoise shell. Custom colors and patterns available. See also Focus's entries in the Mantels and Fireplaces & Acces- sories SourceLists.	Free		*		*	*	Unglaz
Backlund Moravian Tile Works 46 Ocean Dr., Dept. TB Key Largo, FL 33037 305-852-5865	Hand-crafted tiles based on designs originated at Moravian Pottery & Tile Works. Some with mottled glazes; designs include everything from masonic emblems to the 12 zodiac signs and the 4 seasons. Prices range from \$1 to \$40 per tile. 10% custom.	Free		*		*	*	×
Barbara Vantrease Beall Studio 20309 Gramercy Pl., Dept. TB Torrance, CA 90501 213-618-8878	40-person custom tile studio that produces large and small quantities of tile, trim, and architectural forms; terra cotta, stoneware, white, glazed/unglazed tiles available; restoration experience, nationwide clientele both commercial and residential.	Free	Lavie de la constant	*	*	×	*	*
Bertin Studio Tiles 10 St. John Pl., Dept. TB Port Washington, NY 11050 516-944-6964	Custom tile studio whose fireplace projects include exact reproductions of historic tiles as well as interpretations of historic designs to suit decor. Stoneware with handmade, feldspathic glaze a specialty, 60% custom.	Free flyer; sample kit of 20 glazes costs \$20 Write in No. 552		*	*	×	×	×
Deer Creek Pottery 305 Richardson St., Dept. TB Grass Valley, CA 95945 916-272-3373	Custom studio that often recreates historic patterns. Has an extensive line with inlaid colors and designs based on Julia Morgan's tiles at the Hearst Castle in California, including murals, interlocking modular patterns, and 23 styles of trim in Art Deco, Moorish, and other styles.	Free; sample kit of Morgan tiles costs \$150		*		*	×	×
Designs in Tile Box 358, Dept. TB Mt. Shasta, CA 96067 916-926-2629	Custom art tile studio specializing in historic reproductions. Most period styles (Anglo-Japanese, Gothic Revival, Art Nouveau, Persian Revival, California Hispano-Moresque) have coordinating borders with corner blocks & hearth tiles. All tiles executed on custom order basis: custom color matching available, 80% of work is custom. Murals and fireplaces a specialty. National residential and commercial clientele; consultation available	Send \$3 for brochure Write in No. 25		nen (tan	04	*	*	*
DeWittshire Studio 104 Paddock, Dept. TB DeWitt, NY 13214 315-446-6011	Small, all-custom shop offering an "unlimited" palette for Victorian 6 sq.in. tiles. Extensive fireplace experience; can copy historic pieces and mold tiles to contours of fireplace opening.	Free				×	*	*
Dutch Products & Supply 166 Lincoln Ave., Dept. TB Yardley, PA 19067 215-493-4873	Imports Delft tiles in historic colors: sepia, blue, and polychrome. Typical designs feature craftspeople at work, flowers, fruit, animals, birds, landscapes, and windmills. Trade prices range from \$2 to \$20 per tile. No custom work.	Send \$1 for brochure Write in No. 556	7.810 8		No.	*	*	
Elon 642 Saw Mill River Rd., Dept. TB Ardsley, NY 10502 914-693-8000	Imports hand-painted plain and patterned stock tile, including embossed floral borders and Dutch-style tiles in blue or polychrome. Pieces measure from 2 to 8 sq.in.	Send \$8 for catalog		×		*	×	×
FerGene Studio 9986 Happy Acres West, Dept. TB Bozeman, MT 59715 406-587-3651	Small shop reproduces Victorian and turn-of-the-century fireplace tiles; has worked with museums. Pieces cost \$2 to \$20 each. Custom copies, color matching, and crackled glazes available. Stock designs include flowers, people, dragons, unicorns, deer, and butterflies.	Free; sample kit costs \$10	92112	*	177100	×	*	
Firebird 335 Snyder Ave., Dept. TB Berkeley Heights, NJ 07922 201-464-4613	10-person workshop producing handmade, hand- painted tiles and murals. Designs include farm scenes, florals, and wildlife. Custom design and color available. Standard sizes: 4, 5, and 6 sq.in.	Free		*	-VIET 19	×	*	
Fourth Bay 10500 Industrial Dr., Dept. TB Garrettsville, OH 44231 800-321-9614 in OH 216-527-4343	Stock Victorian tiles in sets of 2, 5, or 8, depicting urns, nymphs, fruit bowls, or hanging baskets. Also 5-piece Delft sets, single Delft patterned and field tiles, single tiles with Victorian floral motifs, and plain field tiles in cream, brown, green, blue, or burgundy. Sets cost up to \$160. See also Fourth Bay's entries in the Mantels and Fireplaces & Accessories SourceLists.	Free Write in No. 521	1801	07 PH9		*	*	
H&R Johnson Tiles Ltd. Highgate Tile Works Tunstall Dept. TB Stoke-on-Trent ST6 4JX England	Authentic encaustic tiles in which pattern is inlaid into tile, not just painted on the surface. Traditional Victorian patterns. Stock patterns & custom work. Also offers Minton Hollins Designer Series of decorative tiles, with many Victorian & Art Nouveau embossed or painted patterns.	Free	*	*	*	*		
Knight & Swan Box 682, Dept. TB Doylestown, PA 18901 215-345-1054	Small shop that offers some custom work (10%) as well as Craftsman-style embossed tiles featuring flowers, fish, and candlesticks. Prices range from \$3.50 to \$7.25 per tile; custom molds cost \$200.	Free; sample kit costs \$10		*			×	
L'Esperance Tile Works 137 Sheridan Ave., Dept. TB Albany, NY 12210 118-465-5586	Small shop that specializes in restoration work and copies of historic tiles, including encaustic; extensive museum experience. Half of their product is custom and half is based on stock designs, including Art Deco, Victorian, and Medieval. They have a dozen designs for Victorian fireplace surrounds and matching hearths that clients can order or adapt.	Free; sample kits cost \$10 and up Write in No. 562	×	×	*	×	*	
Materials Marketing Corp. 22 Isom Rd., Dept. TB an Antonio, TX 78216 12-524-3800	They have revived Mission tile, a pressed (not fired) tile that resembles encaustic, but made of pigment supported by Portland cement and marble dust rather than ceramic. 14 stock patterns include Victorian, Art Deco. & contemporary; 22 standard colors. Tiles cost between \$5 and \$14 per sq.ft.; custom molds cost \$500.	Free	×		Cate			*
ewabic Pottery 0125 E. Jefferson Ave., Dept. TB	Turn-of-the-century art pottery that hand-crafts architectural tiles. Glazes include its famous iridescents; installations range from murals in Detroit's People Mover stations to restoration of its own c1900 commissions. Tiles start at \$50 per sa.ft.	Free Write in No. 518		*			×	*
15 W. 4th St., Dept. TB ethlehem, PA 18015	Small shop of in the Arts-&-Crafts tradition. Their specialty is solid-color tile in odd shapes, fitted together like Escher drawings, but they have also reproduced 18th-c. Delft, Victorian, and Art Deco tiles. Tiles cost from \$24 to \$350 per sq.ft., and they will travel to install.	Free	7 .4.	*	(D) 7 (m)	×	×	*
erra Designs 11 E. Blackwell St., Dept. TB	Wide variety of stock floral, embossed, and Dutch-style	Send \$2 for catalog		*	×	×	×	*
2643 Hortense St., Dept. TB tudio City, CA 91604	Importer of 17th- and 18th-c. antique Dutch tiles in blue, purple, polychrome, tortoise shell (mottled), and plain white, all 5 sq.in. 17th-c. pieces are blue only and start at \$75; 18th-c. pieces can be blue or purple and start at \$25. Murals as well as antique English, Spanish, and Por-	Free Write in No. 550				×	*	







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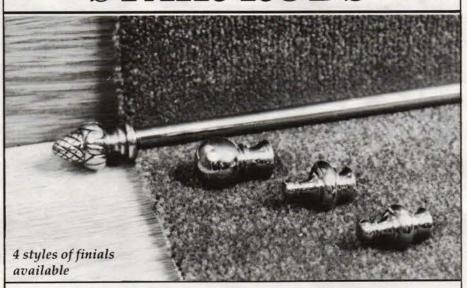
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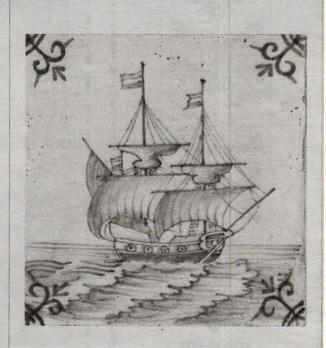
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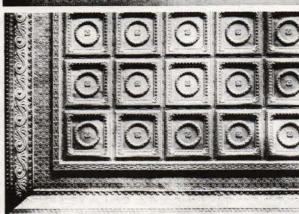
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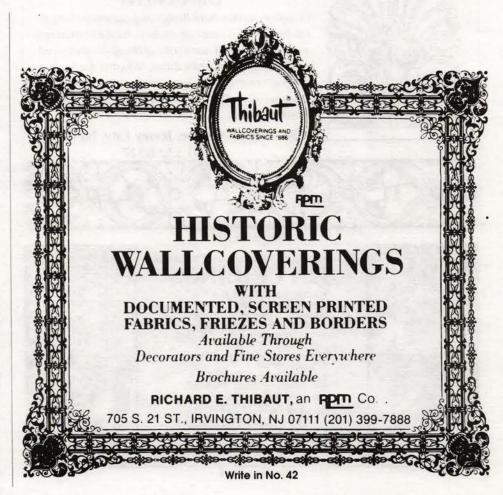


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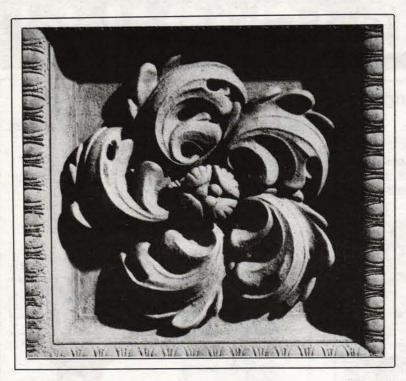


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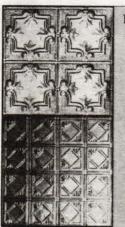
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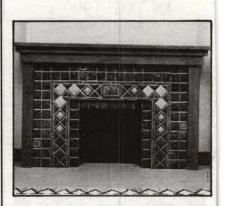
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Connoisseurs Of **Historic Papers: Unite!**

Robert M. Kelly (below), a 13-year veteran paper hanger - who has papered some of the most noted historic landmarks in the U.S. — has just published his first issue of Wallpaper Reproduction News, a newsletter dedicated to "providing some small beginnings of a clearinghouse of information for reproduction wallpapers," declares Kelly.





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Articles focus on blockprinted and hand-screened papers, technical information about inks, grounds, adhesives, and installation, and news of the various historic paper manufacturers. Kelly's target market is a professional group interested in "authoritative and up-to-date information on reproductions."

Subscriptions: \$15/yr. for three issues (Apr., Aug., Dec.). SASE for free copy: WRN, Box 187, Dept. TB, Lee, MA 01238 (413) 243-3489. CSI# 09950 - JL Or Write in No. 527



THE QUEST FOR FIRE(PLACES)

BY EVE M. KAHN

ireplaces are practically de rigueur today for homes in every climate, from Seattle to Florida. Not only do fireplaces serve as status symbols and auxiliary heaters, but they also satisfy a growing desire for traditional design. Unlike other traditional architectural features popular before 1940, fireplaces never really fell out of fashion (there are plenty of Bauhaus hearths). But today, fireplaces come in a larger variety than ever.

Prefabricated fireplaces no longer must be just dull niches or high-techlooking metal enclosures. They can be indistinguishable from masonry; they can have arched as well as rectangular openings; they can come with ornate cast-iron frames (see Fourth Bay, Heatilator, and Quaker Stove) and with wood or stone mantels. Inserts are equally varied: They can be tiny Victorian-style stoves as well as fireboxes that fit nearly invisibly into existing openings.

A new hybrid of fireplace and stove has appeared in the past five years:

A new hybrid of fireplace and stove has appeared in the past five years: the masonry heater — popular in Europe for centuries but only recently imported to or manufactured in the U.S. Most have traditional-looking exteriors, clad in tile or stucco (see Royal Crown and Biofire) or in American-quarried soapstone (see Royal Crown and Tulikivi). On some of these units the fire is visible, and on some it is not.

Glass doors that reveal a fire while protecting passersby and cutting heat loss are a relatively new invention in the world of fireplaces, and only recently have traditionally-styled units become available. Numerous manufacturers now offer doors with antique finishes, filigree trim, and medieval-looking hinges. Screens, on the other hand, have not changed much over the centuries: Folding and single-panel models are still available, typically made of black wire mesh with brass trim.

Firebacks have reappeared in the past ten years, after vanishing for nearly a century. Exact reproductions of 17th-, 18th-, and early 19th-century styles are available, as are 20th-century models that seem to have been designed by Maxfield Parrish (see Pennsylvania Firebacks). Stock fireplace tool manufacturers offer poker-for-poker iron and brass replicas of 18th- and 19th-century sets alongside chrome contemporary pieces, and blacksmiths are bringing custom tools to new heights, adding curlicues and dragon's-heads that would have made Samuel Yellin proud.

The SourceList on pages 38, 40, and 42, includes one-man forges as well as international corporations. Some companies manufacture, some distribute, and some do both. Their literature ranges from one-page flyers to hardcover books. Most can accommodate custom requests, be it for a modified hearth on a factory-built fireplace or an extra twist on a poker handle.

If you need information immediately, call or write these companies directly. We've provided all contact information on the SourceList. (Please mention TRADITIONAL BUILDING.) Some companies may refer you to their local distributors. If you simply need information to update your files, you may find it more convenient to use the enclosed Product Information Card or the Form on page 46.

The Rumford Fireplace Gets Code-Compatible

Many believe that the Rumford fireplace is the most heat-efficient masonry fireplace you can build. But, ironically, it has been illegal to construct Rumford fireplaces in most communities because the Rumford firebox didn't conform to the model building codes. Now that's all changing: The BOCA code has just been revised to accommodate the Rumford fireplace.

The ICBO, BOCA, and Southern Building Codes didn't have anything specifically against Rumford fireplaces; there were no safety issues involved. When these model codes were originally written in the late 1940's, the standard fireplace was the deep-firebox model that had been common during the 20th century. And that was the geometry that got embedded in the codes. For example, the old BOCA code called for a firebox at least 20 in. deep; this effectively ruled out Rumford-style fireplaces, in which the firebox can be as shallow as 12 in.

The old BOCA code also required that "the minimal cross-sectional area of the fireplace (throat) shall equal the cross-sectional area of the chimney connection." But, in the Rumford fireplace, the throat is designed to function as a venturi—and must necessarily be smaller than the flue. The revisions in the BOCA code permit the throat of a Rumford fireplace to be smaller

than the flue . . . as small as 1/20th of the cross-sectional area of the fireplace opening.

The Rumford fireplace was perfected in the late 18th century by England's Count Rumford. Because of its heat efficiency, the Rumford fireplace, with its shallow firebox, angled sides, and rounded chimney throat, was extremely popular up until the 1850's. But with the advent of stoves, and coal and gas heat, the principles of constructing a Rumford fireplace were gradually lost.

The man responsible for the comeback of the Rumford fireplace is Jim Buckley, president of Buckley Rumford Fireplace Co. Jim has been building Rumford fireplaces for 15 years . . . and had to file for a code variance for each installation.

Frustrated by the code situation, Jim took the initiative and went to the 1988 winter meeting of BOCA in Williamsburg, Va. He made a presentation on the benefits of the Rumford fireplace . . . which this year resulted in a revision of the BOCA model code that permits Rumford geometry in fireboxes. Jim's next goal: To convince ICBO officials to alter their model code.

With these code changes, and with Superior Clay Co. starting to manufacture components for Rumfords, the Rumford fireplace is poised for a popularity it hasn't known since the early 1800's.



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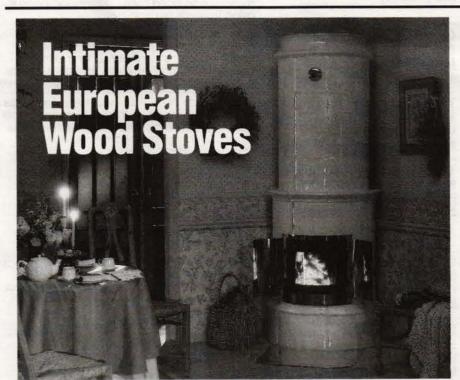
18th/19th century wrought iron fireplace equipment. Examples shown include crane, trammel, utensils & rack, pots, toaster, kettle tilter, pipe tongs, wafer iron, shovel, peel, trivet, foot warmer, andirons, sawtooth trammel lighting device holder. Also good selection of wrought iron door hardware & some lighting.

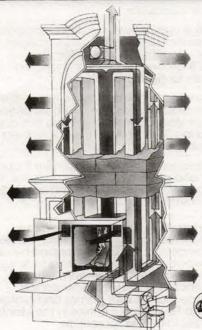




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COMPANY	SPECIALTY	Literature	Fireplaces	Fireplace	Screens/ Glass Doors	Frames	Firebacks	Accessor & Miso
The Acquisitions Collection Focus International 244 Peters Rd. N., Dept. TB Knoxville, TN 37923 615-694-6151	Spectacular collection of reproduction Regency, Georgian, Victorian, Edwardian, & Art Nouveau fireplaces & accessories. Cast-iron fireplaces have square or arched openings & often come with matching brass fenders topped with railings or pierced cast iron. Also impressive iron grates with brass finials. See also entries in the Mantels and Fireplace Tiles SourceLists.	Free		V A A A A A A A A A A A A A A A A A A A	V Hall	· ·	V	C ITALO
Ball & Ball 463 Lincoln Highway, Dept. TB Exton, PA 19341 (215) 363-7330	Replicas of historic tools and andirons, including a c1760 pair of andirons either 26 or 20 in. H and several ball-and-clawfooted designs; also 9 different tool hooks, claw-footed serpentine fenders, and tool stones, which are grooved to keep tools from slipping.	Free Write in No. 293		in the	fuest	•		V
Biofire 3220 Melbourne, Dept. TB Salt Lake City, UT 84106 801-486-0266	Austrian-made wood-burning masonry stoves with handsome medieval-looking iron, brass, or gold doors. Units can be freestanding, corner, or wall; all custom designed & covered with stucco, brick, or embossed, painted, or plain tiles; with flat or domed tops. Reps and dealers nationwide; will travel with crews and consult.	Free Write in No. 524		~	~			
Brick Stove Works Stickney Corner, Dept. TB Washington, ME 04574 207-845-2440	Small custom fireplace builder using local stone, soapstone, or brick; also distributes and installs manufactured masonry stoves. Will travel with crew and consult nationwide.	Free	~					
Brill and Walker Associates 57 E. Shore Trail, Dept. TB Sparta, NJ 07871-2247 201-729-8876	Imports a variety of British fireplace accessories: 14 polished-steel-and brass grates in Adam, Georgian, French, Regency, Empire, and Colonial styles; also 21-inH Queen Anne brass andirons, custom-sized rail-topped fenders ("Club Fender" model is knee high, with a cushioned top for comfortable fire watching), antique and reproduction tools, several styles of castiron firebacks, and folding screens.	Free Write in No. 531			•	-	•	,
Buckley Rumford Fireplace Co. 110 W. Spruce St., Box 21131 Dept. TB Columbus, OH 43221 614-221-6131	Builds the shallow, heat-reflective fireplaces developed by Count Rumford in England in the 1790's and common in America and Europe until the 1850's. Also supplies components for these fireplaces so that other masons can build them. Plans and consultation services available.	Free Write in No. 553	-					
Century Fireplace Box 1744, Dept. TB Joplin, MO 64801 417-624-1480	Zero-clearance fireplace with air-tight doors that directs heat into room and the house via ducts connected to a concealed "reburn chamber." 25-year warranty; water-heating options available.	Free Write in No. 525	,					
The Chimney Co. 1161 W. 3rd Ave, Dept. TB Columbus, OH 43212 800-448-7886 or 614-297-7569	Wide variety of aluminum or brass firebacks and frames, mainly with Victorian floral and figurative patterns; also "Victoria the Grate," which features an elaborate floral front, and wood-framed mirrors.	Free	- C				-	~
The Country Iron Foundry Box 600, Dept. TB Paoli, PA 19301 215-296-7122	Manufacturer of firebacks with original or historic patterns. Original designs include roosters, urns, flying ducks, horses, landscapes, and plain; historic patterns date to 1500's. Units can be leaned against firebox wall, bolted to box, or freestanding with Country Iron's support set.	Free Write in No. 176					V	
Cumberland General Store Rte. 3, Dept. TB Crossville, TN 38555 800-334-4640 or 615-484-8481	Their huge selection of old-fashioned goods includes fire shovels, soot scrapers, hearth brooms, bellows, log tongs, wood and coal grates, cranes, wall-mounted matchboxes, and coal hods.	Send \$3 for catalog Write in No. 554					,	~
DeKoven Forge 5820 Davis Rd., Box 1041 Dept. TB Walkertown, NC 27051 919-744-0067	Small custom forge producing fireplace accessories in copper, brass, steel, and aluminum. Recent projects include archand flat-topped screens with floral or abstract patterns and dolphin, donkey, and vine andirons.	Free			,			V
Diamond W Products 30 Railroad Ave., Dept. TB Albany, NY 12205 518-459-6775	Bi-fold & cabinet-style glass fireplace doors. Finishes include chrome, brass, copper, black, wrought iron, & pewter. Bowed fronts & arched tops; also concealed blowers for heat circulation.	Free			~			AXIII A
E.S. Forgeries 500 North Main, Dept. TB Springfield, MO 65806 800-876-5186 or 417-869-2824	Custom forge that can make top-of-the- line fireplace accessories. Recent projects include steel andirons with brass trim and matching 36-inH steel tools, all finished to resemble oxidized bronze.	Free						V
Fireside Distributors Box 41226, Dept. TB Raleigh, NC 27629-1226 800-333-3473	Wholesalers of hearth equipment including stock and custom glass doors, screens, tool sets, grates, wood baskets, and installation and maintenance products.	Free	v		•	~		,
Fourth Bay Box 287, 10500 Industrial Dr. Dept. TB Garrettsville, OH 44231 800-321-9614 or 216-527-4343	Importers of Victorian fireplace accessories, including intricate cast-iron frames and fenders, brass fenders topped by railings, wood or coal grates, brass tools with urn finials, and folding screens. Also manufactures a reduced-clearance fireplace that fits their frames and grates. See also Fourth Bay's entries in the Mantels and Fireplace Tiles SourceLists.	Free Write in No. 521	v			~		~

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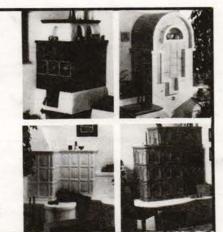
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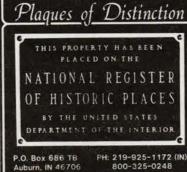
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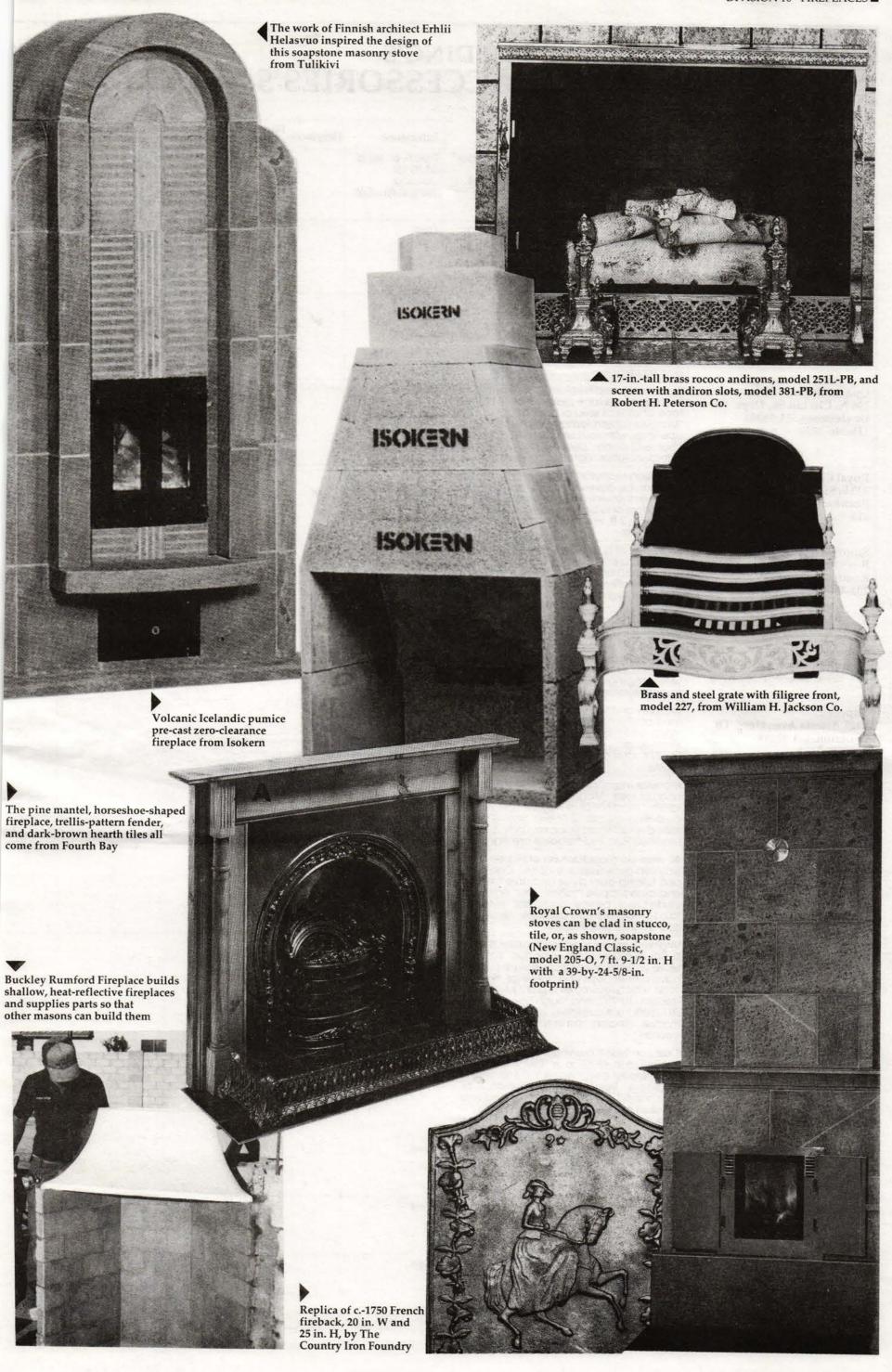


TRADITIONAL BUILDING'S IREPLACES & ACCESSORIES SourceList

CSI# 1030

cont

COMPANY	SPECIALTY	Literature	Fireplaces	Fireplace Inserts	Screens/ Glass Doors	Fenders/ Frames	Firebacks	Accesse & Mi
Hearth Realities Box 38093, Dept. TB Atlanta, GA 30334 404-377-6852	Exact reproductions of hanging basket grates for coal fireplaces. Three styles with square or rounded profile or ornate design across the front — in sizes to fit 12- to 24-in. openings. Company also stocks antique frames, grates, hearths, screens, and summer screens.	Free			-	~		~
Heatilator 1915 W. Saunders St., Dept. TB Mt. Pleasant, IA 52641 319-385-9211	Clean-face radiant or heat-circulating fireplaces with optional outside air supply, glass doors with chrome or brass trim, and oversize hearths. Can be reduced-clearance, also corner, see-through, 3-sided, or 4-sided.	Free	-	~		~	A stall	
Hussong Mfg./Kozy Heat 110 S.Main St., Box 577, Dept. TB Lakefield, MN 56150 507-662-6641	Manufacturer of one-, 2-, and 3-sided fireplaces that burn gas (the Sun Dance line) or wood (Kozy Heat and Aura Flame lines). Aura Flame features arched opening with cast-iron or gold-plated doors.	Free	~		~			
Isokern 6196 Lake Gray Blvd., Ste. 110 Dept. TB Jacksonville, FL 32244 800-642-2920 or 904-771-6000	80-year-old Danish fireplace manufacturer which opened U.S. branch in 1987. Precast units made of volcanic Icelandic pumice. Life expectancy 60 years, with 20-year limited guarantee. 4 sizes, from 28 to 48 in. W, that permit customizing. Zero clearance, guaranteed not to smoke. Some modules can be installed in less than 3 hours.	Free Write in No. 519	V				den viden	
William H. Jackson Company 3 E. 47th St., Dept. TB New York, NY 10017 212-753-9400	163-year-old manufacturer and distributor of large selection of fireplace accessories; 20 types of tools, including Colonial, English, and French designs; 3 types of brass-trimmed iron grates; 6 types of screen; 7 kinds of andirons ranging from contemporary to rococo; and 6 styles of brass fenders. See also the Mantels SourceList.	Free		7840		~		~
Kayne & Son 76 Daniel Ridge Rd., Dept. TB Candler, NC 28715 704-667-8868	Iron forge that offers pokers, forks, crane brackets, tool stands & racks, shovels, brushes, tongs, screens, andirons, fire dogs, spits, drying racks, Dutch-oven doors, trivets, & other custom utensils and accessories. Repair services available.	Free Write in No. 520			V			V
Leonard Antique Hardware 509 Tangle Dr., Dept. TB Jamestown, NC 27282 919) 454-3583	Antique 18th- and 19th-century wrought- iron fireplace equipment, including cranes, trammels, pots, kettle tilters, andirons, foot warmers, and much more.	Photos and price list cost \$2 Write in No. 561	100	\$200 B				V
Liberty Forge 40128 Industrial Park North Dept. TB Georgetown, TX 78626 512-869-2830	Custom forge producing fine fireplace tools, andirons, and screens, usually in traditional styles. Recent projects include screen shaped like peacock with flared tail, fine-mesh freestanding square screen with brass handles, and iron andirons topped by brass flowers.	Free		of the sale	~			~
Majestic 1000 E. Market St., Dept. TB Huntington, IN 46750-2579 219-356-8000	Real & simulated masonry zero-clearance fireplaces in radiant & heat-circulating models with optional bifold doors, outside air valves, & black mesh screens in one-, 2-, 3-, or 4-sided models. Openings reach 48 in. W, & beige, white, & black marble surrounds are available.	Free	,		~			~
Minuteman International 75 Sawyer Passway, Dept. TB Fitchburg, MA 01240 800-626-1114 or 508-343-7475	Screen/glass door combinations, most with flat tops and brass trim. Choice of black, brown, antique, polished, or chrome finish. Picture Perfect 400 series is noteworthy: it has a cast-iron frame surrounding a pointed brass screen. The frame comes in brown, beige, & black & resembles a simple late-19th-c. mantel.	Free	A TO SEE		~	~		
New England Firebacks Box 268, Dept. TB Woodbury, CT 06798 203-263-5737	Small forge that sells 8 types of firebacks. Patterns include heart, rooster, farm scene, stag, horse and rider, wheat, and plain. Custom cranes and other accessories also available.	Free					~	~
New England Tool Co. Box 30, Dept. TB Chester, NY 10918 114-782-5332 or 651-7550	Custom forge that specializes in screens for arched and oversize openings in Colonial, Spanish, Tudor, Victorian, contemporary, and other styles; also Gothic, English, French, Colonial, and contemporary andirons. Iron, aluminum, bronze, steel, copper, and brass available.	Free			~	~		V
Okell's Fireplace 34 Pacific Coast Highway Dept. TB Hermosa Beach, CA 90254 13-376-3448	Distributes large variety of fireplaces and accessories: custom and stock metal fireplaces as well as stove inserts, screens, tools, glass doors, andirons, and wood holders.	Free	v	,	~			v
Barnsley, UK S75 1JT	Original Victorian, Edwardian, and Georgian fireplaces, with or without tiles. Prices range from \$150 for simplest bedroom fireplace to \$8,000 for walk-in models. Castiron frames and grates also available.	Call or write for selection of photos				~	4 5 1 9	V
Pennsylvania Firebacks 08 Elm Ave., Dept. TB North Wales, PA 19454 15-699-0805	21 fireback styles, all original designs, including elaborate rural landscapes, excerpts from the U.S. Constitution, urns, eagles, and fields of stars. Some styles will fit zero-clearance units and fireplace inserts. Also grates and freestanding support systems for firebacks.	Free Write in No. 565			old	7.04		~





FTRADITIONAL BUILDING'S LIKEPLACES & ACCESSORIES SourceList

CSI# 1030

cont

COMPANY	SPECIALTY	Literature	Fireplaces	Fireplace Inserts	Screens/ Glass Doors	Fenders/ Frames	Firebacks	& Misc
Period Furniture Hardware 123 Charles St., Box 314, Charles St. Station, Dept. TB Boston, MA 02114 617-227-0758	In their 120-page catalog appear 20 types of brass or iron-and-brass andirons, firebacks, tool hooks, serpentine fenders, brass and brass-and-iron tools, and folding screens with brass trim.	Free flyer; send \$4.50 for catalog Write in No. 546			~	,	V	~
Robert H. Peterson Co. 530 N. Baldwin Park Blvd., Dept. TB City of Industry, CA 91744 213-686-1257 or 818-369-5085	Large variety of fireplace accessories, including Real-Fyre gas log sets for wood-burning fireplaces; various styles, sizes from 12 to 60 in. Also Hallmark collection of brass tools, wood holders, screens, and fenders.	Free			•	•		~
Preston's Box 361, Dept. TB Ossipee, NH 03864 603-539-4114	55-page catalog of heating-related products, including zero-clearance fireplaces, paper-log rollers, fireproof hearth rugs, tools, coal hods and shovels, wood and coal grates, folding screens, spark guards, and 7 andiron styles including dog figures.	Free	~		•			•
Quaker Stove 148 N. Clinton St., Dept. TB Doylestown, PA 18901 215-340-1752	Steel stoves and fireplace inserts with cast- iron doors and face plates. Flat or arched tops, choice of solid or glass doors. "Moravian" insert features arched top and openings, with solid brass or iron doors and choice of colors. Deluxe Moravian comes with decorative Victorian iron frame.	Free		~		~		
Royal Crown 333 E. State St., Ste. 206, Dept. TB Rockford, IL 61104 815-968-2022	European-manufactured masonry stoves that can be covered with soapstone, stucco, or embossed, plain, or painted tiles. Cylindrical and boxy models available, all about 7-1/2 ft. H and 35 in. diameter. Solid brass doors.	Free Write in No. 566	~	~				
Smithy Hearth Products Box 840, 8 Baldwin Dr., Dept. TB Branford, CT 06405 203-488-7225	Subsidiary of a wire-mesh litter-basket manufacturer that offers fireplace screens with arched or flat tops; curved, angled, or straight profiles; 2 brass handles; and steel 1/4-inrod frames. Custom and large sizes a specialty.	Free						
Stone County Ironworks HC 73, Box 427, Hwy. 66 West, Dept. TB Mountain View, AR 72560 800-223-4722 or 501-269-8108	Large stock forged-products supplier: iron tools with twisted, loop, or animal-head handles; also one eccentric set whose poles and handles resemble grape vines; ash pans, brooms, log baskets; andirons with dangling-leaf finials; custom folding fire screens trimmed with dangling leaves.	Free			~			~
Superior 4325 Artesia Ave., Dept. TB Fullerton, CA 92633 714-521-7302	Masonry and simulated-masonry fireplaces, most of which circulate heat. Openings reach up to 45 in. W; options include brasstrimmed glass doors and outside air valve. The SPII is the most traditional-looking model.	Free	~					
Tess RR 1, Box 3, Beanville Rd., Dept. TB Randolph, VT 05060 802-728-4485	Modular masonry fireplaces with arched and flat tops. Models include heat-storing, radiant, traditional (a 7-piece unit that can be built in less than 2 hours), and retrofit for ruined metal-lined fireboxes up to 5 ft. W. Modified Rumford fireboxes are standard.	Free Write in No. 522	,				Chini Trao	in i
Thermo-Rite Manufacturing Box 1108, Dept. TB Akron, OH 44309 216-633-8680	40-year-old manufacturer of filigree- trimmed glass fireplace doors. Cabinet- and folding-door styles available for flat- and arch-topped models; finish options in- clude black, pewter, and brass. Mesh cur- tain screens are also available, as are custom sizes and shapes.	Free Write in No. 523			~			
Tulikivi Group - N.A. 30 Glen Rd., Dept. TB West Lebanon, NH 03784 603-298-8388 or 800-THE-FIRE	Virginia-based soapstone supplier that builds 28 masonry stove models. Some serve as bake ovens/cookstoves; some have arched tops and openings, like the TU 1900, which resembles a giant jukebox; smooth (TU 900) and rough stone finishes (TU 2500L) are available, as are corner models. Dealers and installers around the country.	Free	· ·					
Vermont Castings Prince St., Dept. TB Randolph, VT 05060 802-728-3181	Cast-iron wood-burning stoves, including Intrepid II, a small (25 in. H, 13-3/4 in. D, 21-1/4 in. W) model designed to fit inside most fireplaces. Traditional appearance, with fan-shaped opening and embossed scallop-shell ornament. Available in white, brown, black, red, and blue. Also Winter-Warm, a Victorian-style fireplace or insert.	Free	•	,		~		
Vermont Industries Rt. 103, Box 301, Dept. TB Cuttingsville, VT 05738 802-492-3451	19-year-old hand forge that produces fireplace tools with twisted handles; also cooking sets, grates, andirons, log holders, cranes, and trammels.	Free						-
R. Walsh Forge & Foundry Rte. 1, Box 83, Dept. TB Stockholm, WI 54769 715-442-3102	Small custom forge with bronze casting equipment.	Free			~			~
White Oak Forge Box 341, Dept. TB The Plains, VA 22171 703-253-5269	Small iron forge that can build or restore andirons, tools, and grates. Recent projects include fire dogs shaped like dogs, and andirons that resemble swans. Uses traditional methods of rivets, collars, mortiseand-tenon joinery, and fire welding.	Free	of the state of th					~



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John Burrows, armed with an MA in architectural history, started his company in 1985 with a broad array of Victorian papers, but carpet and Nottingham lace quickly became his best sellers. His roster of clients -60% museums, 40% domestic - is impressive: Gardner-Pingree House, Salem, MA; Concord Museum, Concord, MA; St. Louis Art Museum; Prospect House (Princeton's Faculty Club); Billings Farm & Museum, Woodstock, VT; General Crook House, Omaha, NE; McHenry Mansion, Modesto, CA; Belle Meade, Nashville, TN. He's currently working on an installation for the New York Bar Association in Albany.

In the past year Burrows has doubled the number of carpet patterns he handles, introduced his wallpapers and fabrics into six design showrooms in the U.S., and launched two new products: Candace Wheeler fabrics and William Morris Axminster carpets - 2 document color schemes, plus several adaptations to complement Bradbury papers.

For more information, contact: J.R. Burrows & Co., P.O. Box 1739, Dept. TB, Jamaica Plain, MA 02130 (617) 524-1795. CSI# 09680 — JL



Division 14 **CONVEYING SYSTEMS**

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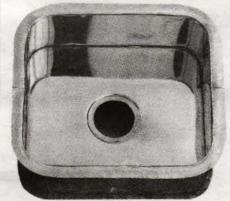


COPPER SINKS ON TAP

Don't think S. Chris Rheinschild came to sinkmaking untrained: He earned an MS in international finance but decided what he really wanted was to be in a building trade. He followed family tradition and got his plumber's license about 15 years ago. He's come to love sinks best of all and can fabricate copper sinks to suit any application. The ones he makes in his shop — Antique Baths & Kitchens are reproductions of 80-90-year-old designs, and Chris claims the copper 'will last forever.'

The sinks are available in

either alder wood frames or unframed (framing limits size varia-



tions). They can also be fabricated in "German silver" — nickel-plated copper. Prices range from an unframed bar sink, 18 in. sq., \$235 (shown), to an unframed kitchen sink, 20 x 30 in., \$360, to a double bowl in a wood frame, 18 x 42 in., \$900.

Chris also makes galvanized tin or copper countertops, fir medicine cabinets, and more recently, drinking fountains. For more information, contact: Antique Baths & Kitchens, 2220 Carlton Way, Dept., TB, Santa Barbara, CA 93109 (805) 962-8598. CSI# 15400 — JL

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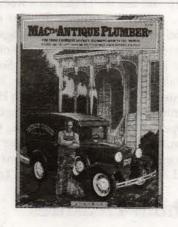
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Write in No. 53 SEPTEMBER/OCTOBER 1990 ■ 43

WILLIAM SEALE

continued from page 5

fountain pen with black ink.) Dick Frank says that Bill Seale draws better than most architects.

"I've been drawing since I was two," says Bill, although he still considers himself a self-taught "Grandma Moses." "In the past I wondered whether I should have studied to become an architect. But I decided that training as a historian was, from my perspective, the most useful discipline of all. Many of the other skills I've picked up as I went along."

Bill's virtuosity with the pen was illustrated recently when a piece of incidental furniture was needed for the Michigan State Capitol. Bill was able to sit down on the spot and make a sketch so detailed that the cabinetmakers could take it to the shop and use the sketch as a working drawing.

The Consultant: The list of museums, historic houses, and other buildings where Bill Seale has served as historical consultant is so long that we can just list the highlights. Some of the more notable projects include: The Hampton-Preston House, Columbia, S.C.; Bulloch Hall, Roswell, Ga.; Ximinez-Fatio House, St. Augustine, Fla.; Village of Appomattox Court House, Va.; Governor's Mansion, Frankfort, Ky.; Montpelier Mansion, Prince George's County, Md.; Stratford Hall in Virginia; and Travellers Rest, Nashville, Tenn.

Photo Treasures

Photos of historic interiors have always held a special fascination for Bill Seale. So it's easy to see why his recent restoration project at the Eastman House in Rochester, N.Y., was so satisfying. The Kodak Company had provided George Eastman with the fortune that built his enormous Georgian Revival mansion in 1905. Throughout the 27 years he lived there, Eastman took numerous photographs of the 35,000-sq. ft. house and its 8.5-acre grounds. Three scrapbooks filled with carefully mounted 8 x 10 photos of the early days of the house were discovered not long ago in the carriage house.

Seale had originally been brought in to write just the furnishing plan for the house. But when the \$2-million restoration of the National Historic Landmark structure got under way (to prepare for its new role as a house museum), Seale was retained to oversee the entire historic restoration.

Because of Eastman's photographic diligence, there was ample documentation to guide the work. "It was a dream project," says Bill Seale with obvious glee. And while Bill was dealing with the historic aspect of the interiors, John F. Bero, of Rochester, N.Y., served as architect on the job.

The 35-room mansion was basically sound, but required extensive surface restoration. For 50 years the house had been used as the residence for the presidents of the University of Rochester, and

Conservationist Andrzeji Pinkowski was engaged by Seale to restore the elaborate plasterwork in Eastman House, using traditional materials and methods.

then as the International Museum of Photography. The house had been considerably altered, stripped of most of Eastman's furnishings, and maintained only in the most casual manner.

Careful study of the photographs provided Seale with valuable clues for the restoration. The iridescent sheen of the draperies in the photos, for example, told Bill that silk velvet had been used. Because all the photos were in black & white, some of the restoration team's greatest challenges were color choices. To determine the hues for custom-loomed period carpets, Seale consulted period carpet catalogs and worked with Stark Carpet Corp.'s Joyce Arbon and Page Goodman. When scraps of original carpet were later discovered in the basement, it turned out that Bill's conjectural color scheme was right on target.

East Texas Inspiration

Though William Seale's home and office is in Alexandria, Va., he and his family (wife Lucinda and sons Will, 20, and John Henry, 18) also spend time at the ancestral family home in Jasper County in East Texas. This house is where the books are made . . . it's the refuge Bill seeks when he needs solitude and inspiration to write.

The farm (called "Ant Hill" by the family) was established by Bill's great-grandfather in 1844 under the Republic of Texas. It was originally a cotton plantation, with grist and saw mills, and its own steamboat. Although Bill restored the house



Where the books are born: Bill Seale's retreat in East Texas. The 1844 farm house, built by Bill's greatgrandfather, was restored by Bill in 1980.

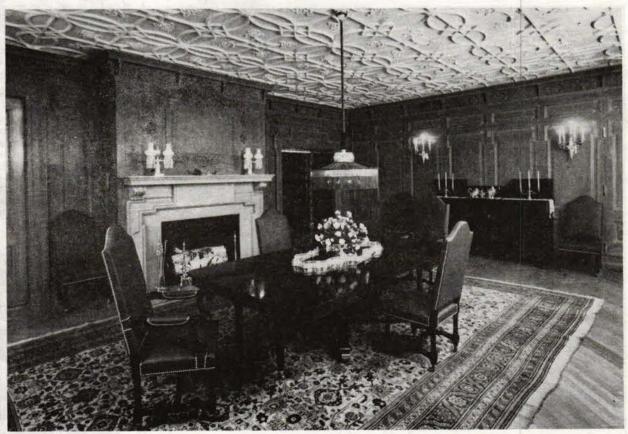
in 1980, he doesn't ship cotton to market on the steamboat as in former days. Today, he's conten to raise pine timber with his brother, Jack Osborne

Bill was on the farm this summer working on two new books: An architectural history of the White House he's writing for the AIA in conjunction with the mansion's 200th anniversary, and a volume on the National Trust houses, which he's wanted to write for many years.

And while wrapped in the seclusion of the farm, drawing energy from his native East Texas soil, it is likely that William Seale's active imagination will come up with even more projects — adding yet another facet to this remarkable man's career.



One of Seale's latest projects was overseeing the restoration of George Eastman's 1905 Georgian Revival mansion in Rochester, N.Y., a massive 35,000-sq.-ft. structure situated on an 8.5-acre lot.



The dining room in Eastman House with plaster ceiling restored by Andrzeji Pinkowski. Woodwork conservation was executed by master craftsman Brandon Thompson. Seale had worked with both of these highly experienced conservationists on previous restoration jobs.



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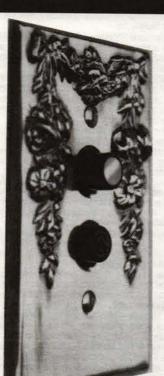
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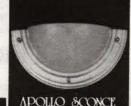
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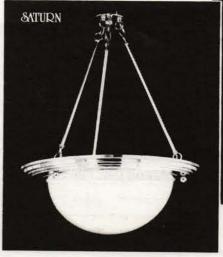
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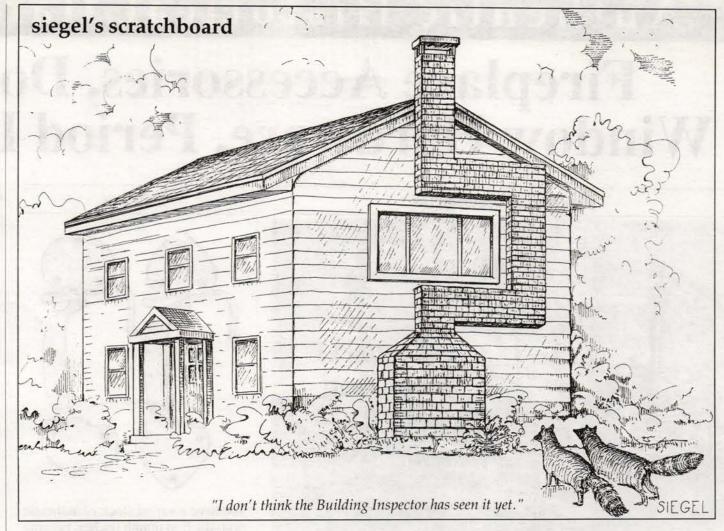
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Buckley Rumford Fireplace Co.

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Fireplace Accessories, Door & Window Hardware, Period Lighting

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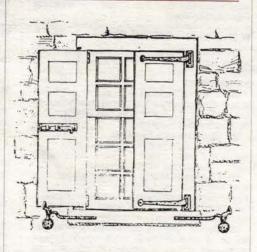
back legs are forged iron with a cast brass cover.

Lighting Fixtures



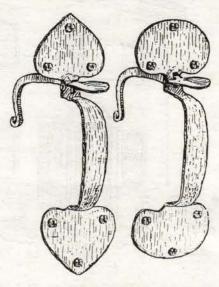
Ball & Ball offers the finest selection of reproduction Early American lighting fixtures. All brass is solid—not plated—and glass used is handblown lead crystal. Pure copper, tin and iron are used for fixtures that require these metals. Shown: The Independence Hall chandelier, identical to fixtures supplied by Ball & Ball for the restoration of Independence Hall in Philadelphia.

Shutter Hardware



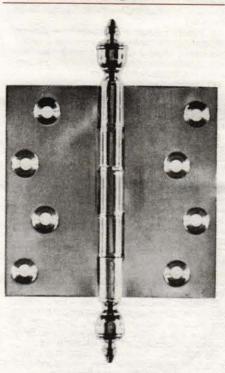
Strap hinges, locks, and shutter holdbacks are available as stock or special-order items. HAND-FORGED shutter hinges with lag screw or drive pintles available on special order. Also: Inside shutter hardware in brass and cast iron.

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