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#### **ON THE COVER:**

In the 1950's, twenty-two 45-foot-tall columns were torn off the East Front of the U.S. Capitol to make way for a renovation. Preservation architect Mary Oehrlein, this month's profile subject (see page 4), repaired the columns, reinforced them with steel rods, and erected them in the National Arboretum where, she says, "they are wonderful, like a real ruin."



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A Note To Contributors: TRADITIONAL BUILDING solicits reviews of historical products from building and preservation professionals. A query letter to the editor describing the product and scope of the review is suggested. Photos of outstanding examples of Neo-Traditionalism and Architorture are also sought. While we will be careful of all materials submitted, we cannot be responsible for non-receipt or loss; please keep copies of all materials sent.

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#### profile

# MARY OEHRLEIN: Hellbent on Restoration

BY EVE M. KAHN

o one in Mary Oehrlein's rural Iowa hometown was an architect and almost no one knew what architects did; no other women graduated in her architecture-school class in 1973. And yet, the more people advised her not to want to build, design, or restore structures, the firmer grew her resolve. "They only reinforced my desire; I wanted to say, 'Take that, and that," she says, shortly after introducing herself with a handshake that could crush gravel.

The secret of the success of her Washington-based restoration-architecture firm, it seems, is her determination. She has known what she wanted to do since she was in seventh grade, and she has



even made fate bend to her will. She has watched two employers fold under her and then easily advanced to the next job without mailing out a single resume. Not that she has ever clung too long to any one task. Oehrlein (pronounced air-line) has nearly perfected the art of paint analysis, for example, but now rarely employs it.

"As something gets easier, and requires less research and effort, you feel like you've stopped learning," she says. "And that, to me, is close to being dead."

Blonde, fine-featured, and blue-eyed, she is often an anomaly on the construction sites she likes to frequent. But she feels her gender or appearance has never helped or hindered her career. "It's not something I'm ever aware of. I just think of myself as a professional," she says. Gender never enters her hiring choices, "as long as someone's good, and compatible, since it's a small office," she says. She only requires that "they be able to carry their own ladder. The office at times has been all female; but for women coming out of school now, gender is not an issue anymore."

Oehrlein can only imagine one obstacle blocking her progress. "When somebody decides that the building across the street is historic," she says, gesturing scornfully at a circa-1965, grey-glass-and-steel-cube looming near her office, "that's the day I quit."

#### A Wide-Ranging Training

So far she has restored buildings of all better pre-1950 species, from sturdy 18th-century brick mills to 1930's department stores. Her real-life education began after she graduated from Iowa State and set off for a grand tour of Europe. With characteristic thoroughness, she carried her architectural-history



textbooks with her and, as she visited important structures illustrated therein, checked them off. Her first job, with a Washington-based construction company that dabbled in restoration, allowed her to learn skills she is still refining. She discovered, for example, how to take control of construction sites: "There I was, 19 or 20 years old, telling steel workers what to do. They could have eaten me alive. Instead they were all very nice; maybe that's what comes from growing up in Iowa and being totally naive and trusting." She also researched paint analysis in antique books at the Library of Congress and explored stone consolidation.

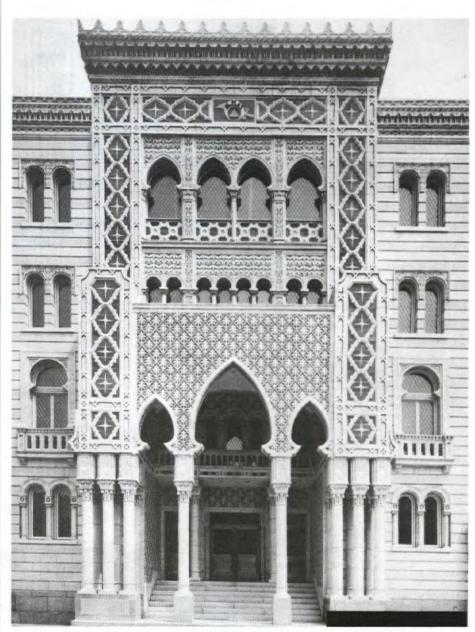
"It was a very new field then," she says. "We made a lot of mistakes, put things on buildings that we shouldn't have, and I learned."

As the company went bankrupt in 1975, it sold its contracts to The Ehrenkrantz Group. At the time, Oehrlein was on assignment in Louisiana and received a telephone call telling her to "just keep working." With Ehrenkrantz, she began as a preservation consultant and then expanded into construction, design, and site supervision, including work on Ellis Island — then at its nadir in the early '80's. "We'd spend all day there, for weeks and weeks, and the only other living thing we'd see would be a rat," she recalls. "And we'd repoint a wall and repair a gutter, but no one would be around to clean the gutter so it would overflow onto the newly repointed wall. We just couldn't keep up with the deterioration." She also dismantled the facades of three circa-1862 warehouses in Washington and learned about that city's preservation pitfalls.

#### Maneuvering in Washington

"We like to think that the process is worse here than anywhere else," she says. "Because of the height and zoning restrictions, every piece of ground in downtown D.C. is valued as being able to build to the height limit. And the interpretation of the building code is very strict, with very little allowance made for historic structures." The warehouses, irreparably damaged by subway construction, were torn down and their facades tacked onto new shells. While waiting for years to be re-erected, the masonry had fallen into ruins, after onslaughts from snakes, hornets, bees, mice, and water. Oehrlein was still able to save 80% of the original material.

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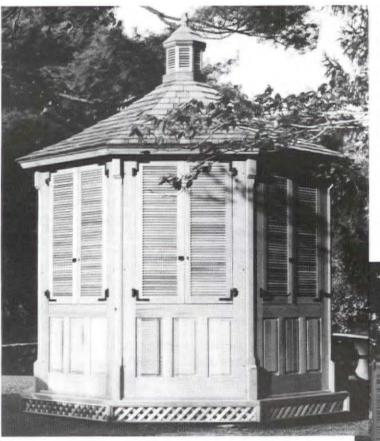
The first of two Adolph Cluss schools in Washington that Oehrlein has worked on, the Sumner School is now an education and exhibit facility for the D.C. Board of Education. To keep its original second-floor doorway accessible yet provide handicapped access, a staircase made partly of stock parts and partly of parts from another Cluss school was added. (*Photo: William Lebovich*)

To move the facade of this neo-Moorish Masonic Temple in Washington, craftsmen disassembled and reassembled 3700 bits of terra cotta. (Contractors: Classic Contractors)

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#### **Division 2:** SITEWORK

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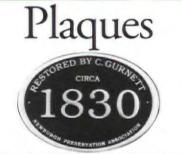


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Division 5: METALS

# **Casting About For Custom Metal**

When specifying custom metal castings, one needs to ask pointed questions to determine which foundry can do the job. Most important: Material and quality of finish.

#### BY JUDITH SIEGEL LIEF

There's an astonishing range of metal casting companies available to today's specifier, from giant foundries whose primary business is casting engine blocks, to small metal "boutiques" whose expertise is in sculpture and art casting. Here are a few guidelines to help get you pointed toward the caster who's best for your job.

#### SIZE OF JOB

Architectural castings are a small percentage of what most foundries do. Many subcontract jobs out depending on what's specified; some will handle small jobs, and some only large volume. There are both "art" foundries and "commercial" foundries; both require experienced artisans, but it's not always necessary to deal with an art foundry — their prices are usually higher and turnaround time longer.

#### PATTERN

Many foundries do not have pattern shops anymore, but will cast from samples (make sure to ask about shrinkage). Find a shop that either has a large library of patterns or can work from shop drawings.

#### MATERIAL

Know what alloy you want and learn what alloys are used by a foundry. Iron and aluminum are *sand cast* — which is good for flat or low-relief ornament or ornament that can be broken down into components. Iron, of course, is an historic material that takes paint well; aluminum is lighter weight and easier to work with. Both are comparably priced on an installed basis.

Steel, brass, bronze, and a host of other alloys are *investment cast* (also called *lost-wax casting*), which is appropriate for achieving high levels



of detail and undercuts.

OSHA is cracking down on the use of certain alloys — especially brass — that either release toxic by-products when cast or leave behind materials that are dangerous to dispose of. In response, many foundries have simply moved to Mexico or Japan (where these kinds of restrictions don't exist). Find out how new laws have affected which alloys a foundry uses.

#### FINISH

Finish encompasses texture, color, and reflectivity. *Grain fineness* is a term used to describe smoothness of texture on the finished piece. An average sand-cast finish ranges from 40-70; lost wax can achieve something between 200-300. 19th-century grey-iron castings are typically around 90 grain

fineness, which can be achieved by *some* foundries today. Rule of thumb: The finer the texture, the higher the price. You may (and should) specify which grain fineness you want.

It's usually difficult to match an old patina; to do so would require knowing exactly what metals were poured. Some foundries are experimenting with different alloys and also using chemicals and heat to achieve specific patinas.

#### INSTALLATION

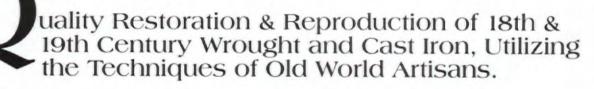
Most foundries will fabricate pieces or an entire job — but only some will install. This is a good thing to pin down at the outset.

#### Special Thanks

Thanks to three custom casters who gave of their time and expertise for this report: Don Quick, Architectural Iron, who most enjoys creating freestanding, individual pieces (like fountains); Robert Baird, Historical Arts & Casting, who relishes creating highly detailed traditional designs for new buildings; and Brian Leo, Brian F. Leo Custom Castings, who appreciates working with architects to create new and unusual designs to be produced in modest amounts.◆

#### Who's On The SourceList

To determine which foundries — or cast-metal contractors — were interested in catering to the custom need of historical architects and contractors, we sent out questionnaires to 84 foundries and specialty casters requesting detailed information and photographs of their work. From the replies, the editors selected the 39 respondents who seemed most appropriate for our readers.



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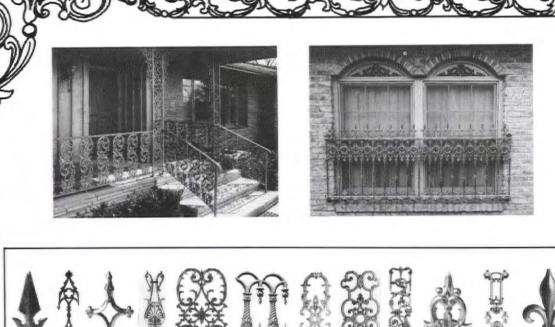
# METAL CASTINGS SourceList

CSI# 05700

COMPANY	LITERATURE	SPECIALTY	Type of Casting	Material	% Custor
Adornments for Architecture Box 827, Rt. 2, Dept. TB Hopewell Junction, NY 12533 (914) 226-5618	Free Write in No. 749	Specializes in the design and development of metal castings.	Hardware, architectural orna- ment, fence components, light- ing fixture parts, historic markers, statuary, and moldmaking	Brass, bronze, aluminum, iron, and composites	75%
American Home Supply PO Box 697, Dept. TB Campbell, CA 95009 (408) 246-1962	Free	Manufactures over 900 solid brass Victorian reproduction hardware. Will also custom make repros from drawings.	Hardware, architectural orna- ment, lighting fixture parts, grilles and registers, vintage car/streetcar parts	Brass, iron	10%
Architectural Iron Company, Inc. P.O. Box 126, Schocopee Rd., Dept. TB Milford, PA 18337 (717) 296-7722 or (212) 243-2664	Free Write in No. 843	Restores of all forms of 18th-, 19th-, and 20th-c. cast & wrought iron ornamental, ar- chitectural, and structural items. 600-700 patterns in stock.	Architectural ornament, fence components, grilles and registers, historic markers, firebacks, street furniture, statuary	Iron	95%
Battleground Forge & Foundry 702 E. Lake Dr., Dept. TB Greensboro, NC 27401 (919) 272-0838	Free Write in No. 863	Specializes in duplication of ar- chitectural ornament in cast brass and bronze. Direct casting from originals; also in-house pat- tern service.	Architectural ornament, statuary, hardware	Brass, bronze, iron	95%
Brandon Industries, Inc. 4419 Westgrove Dr., Dept. TB Dallas, TX 75248 (214) 250-0456	Free	Specializes in aluminum casting of lighting and mailboxes.	Architectural ornament, lighting fixture parts	Aluminum	0%
Richard O. Byrne 105 Brock St. E., Dept. TB Merrickville, ONT K0G 1N0 (613) 269-3676	Free Write in No. 585	Manufactures high-end architec- tural hardware.	Hardware, architectural orna- ment	Brass, bronze, gold and silver plate	50%
Cassidy Bros. Forge, Inc. U.S. Rte. 1 Dept. TB Rowley, MA 01969 (508) 948-7303	Free	Specializes in ornamental metal- work.	Architectural ornament, fence components	Brass, bronze, aluminum, iron	100%
Cirecast 380 7th St., Dept. TB San Francisco, CA 94103 (415) 863-8319	Free Write in No. 593	Custom cast hardware and his- torical lighting manufacturer of authentic reproductions of or- namental metalwork; can work from shop drawings or stock designs available.	Architectural ornament, hardware, lighting, friezes	Brass, bronze, aluminum	80%
Country Iron Foundry PO Box 600, Dept. TB Paoli, PA 19301 (215) 296-7122	Free Write in No. 176	Specializes in American and French iron firebacks cast from antique originals. Also firebacks for gas logs; support systems.	Firebacks	Aluminum, iron	5%
Crown City Hardware Co. 1047 N. Allen Ave., Dept. TB Pasadena, CA 91104 (818) 794-1188	Free brochure; call for full catalog	Large selection of stock cast reproduction doorknobs, entry sets, escutcheons, rim locks and latches, and more. Custom duplication; custom finishes.	Hardware	Brass, bronze, cast and wrought iron	10%
Deggingers' Foundry, Inc. 436 N.W. Crane, Dept. TB Fopeka, KS 66603 (913) 232-4788	Free	Specializes in metal castings with processes including green sand, no bake, and investment casting. Pours both ferrous and non-ferrous; full-service foundry.	Hardware, architectural orna- ment, fence components, light- ing fixture parts, grilles and registers, historic markers, firebacks, street furniture, statuary	Brass, bronze, aluminum, iron, steel	80%
Elm Industries 1539 Race St., Dept. TB Cincinnati, OH 45210 (513) 241-7927	Free	Specializes in custom-fabricated ornamental iron, fences, rail, and window guards.	Fence components, statuary, fountains, lampposts, furniture	Bronze, iron	80%
Erie Landmark Co., 1449 Brookfield Corp. Dr., Dept. TB Chantilly, VA 22021 (800) 874-7848	Free Write in No. 866	Custom cast-bronze markers for preservationists, historical societies, and residences.	Architectural ornament, historic markers	Bronze, aluminum	90%
Excalibur Bronze 85 Adams St., Dept. TB Brooklyn, NY 11201 (718) 522-3330	Free Write in No. 867	Specializes in bronze architec- tural projects and bronze furni- ture and sculpture.	Hardware, architectural orna- ment, fence components, light- ing fixture parts, grilles and registers, historic markers, statuary	Brass, bronze, aluminum	50%
ohn Hinds & Co. 31 Greenridge Dr. N., Dept. TB Elmira, NY 14905 607) 733-6712	Free	Specializes in cast-bronze and aluminum plaques.	Historic markers	Brass, bronze, aluminum	0%
Historical Arts & Casting, Inc. 130 W. 1939 S., Unit F, Dept. TB Salt Lake City, UT 84104 801) 974-0242	Free Write in No. 121	Their edge: They have the largest reference library of 19th- & 20th-c. patterns and designs and can thus create ornamenta- tion from mere thumbnails; also installations.	Architectural ornament, fence components, street furniture, statuary, fountains	Bronze, aluminum, iron	100%
ake Shore Industries O Box 59, Dept. TB Erie, PA 16512 800) 458-0463	Free Write in No. 873	Manufactures cast-aluminum signs and plaques. Many styles available; can work to spec.	Historic markers	Bronze, aluminum	50%
awler Machine & Foundry Co. O Box 320069, Dept. TB Birmingham, AL 35232 205) 595-0597	Free Write in No. 849 Send \$10 for full catalog	Ornamental metal components; over 1,200 catalogued selections of gray-iron and aluminum railing panels, finials, balusters and con- tinuous designs, and artistic steel forgings.	Architectural ornament, fence components, grilles and registers, statuary, garden furniture	Aluminum, iron, steel	10%
Leitelt Brothers, Inc. 7721 So. Chicago Ave., Dept. TB Chicago, IL 60619 312) 721-1186	Free Write in No. 874	Specializes in sand castings from 1 oz. to 500 lbs., in-house machining, polishing and custom finishing.	Hardware, architectural orna- ment, lighting fixture parts, gril- les and registers, historic markers	Brass, bronze, aluminum	75%

continued on page 10





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- REPRODUCTION, RESTORATION
- MODEL AND MOLDMAKING
- METALS, SHEET, AND CAST
- WOOD, PLASTICS, COMPOSITES; FLEXIBLE, OR RIGID.

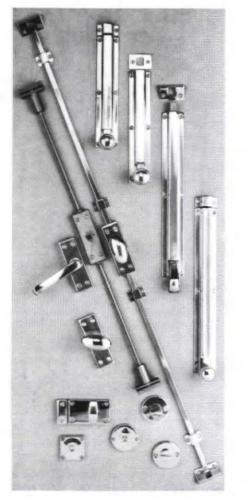


METAL CASTINGS SourceList

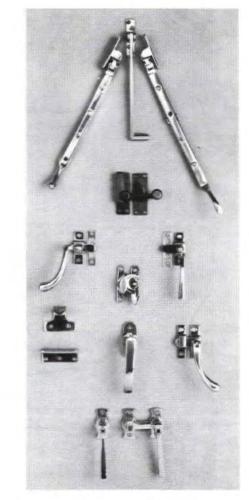
CSI# 05700

COMPANY	LITERATURE	SPECIALTY	Type of Casting	Material	% Custo
Brian F. Leo Custom Hardware 7532 Columbus Ave. So., Dept. TB Minneapolis, MN 55423 (612) 861-1473	Free Write in No. 584	Specializes in problem solving; can produce ornament from drawings; replicates old or broken ornaments. New line of grilles and registers.	Hardware, architectural orna- ment, fence components, light- ing fixture parts, grilles and registers, statuary, fountains, doors, signage	Brass, bronze, aluminum, stainless steel	50%
Maguire Iron Corp. 215 22nd St, Dept. TB Richmond, CA 94801 (510) 234-7569	Free Write in No. 760	Over 1,000 reproduction pieces of door, window, cabinet, and gate hardware; 150 matching locks and latches.	Hardware	Brass, bronze, iron	15%
Max-Cast 611 B. Ave., PO Box 662, Dept. TB Kalona, IA 52247 (319) 656-5365	Free Write in No. 876	Full-service sculpture foundry; pattern making to finishing.	Architectural ornament, historic markers, firebacks, statuary	Bronze, aluminum, iron	45%
Monumental Iron Works 6500 Eastern Ave., Dept. TB Baltimore, MD 21224 (410) 633-6500	Free Write in No. 691	Large manufacturer of fence components in about 2 dozen styles.	Fence components	Aluminum	0%
Mystica & Co. Inc. 1265 Birchrun Rd., Dept. TB Chester Springs, PA 19425 (215) 469-0535	Free	Specializes in "house jewelry" — precious metal decorative hardware.	Hardware, architectural orna- ment, statuary	Brass, bronze, silver, gold, platinum	50%
Neenah Foundry Co. PO Box 729, Dept. TB Neenah, WI 54957 (414) 725-7000	Free	Large manufacturer of cast-iron tree grates and tree guards	Architectural ornament, street furniture	Iron	10%
Nesch Brass 201 N. Link Lane, Dept. TB Ft. Collins, CO 80524 (303) 221-0787	None	Small custom sand-cast com- pany specializing in brass, bronze, and aluminum. Also antique car parts and hardware (such as a brass sash pulley).	Architectural ornament	Brass, bronze, aluminum	90%
Manuel Palos 1330 Donner Ave., Dept. TB San Francisco, CA 94124 (415) 822-8034	Free Write in No. 642	Specializes in architectural and free-form sculpture in a wide variety of materials. Restoration of historic details, ornamenta- tion, moldings, doorways, arches, ceilings, medallions, columns, cornices, capitals, and fountains.	Architectural ornament, historic markers, street furniture, statuary, architectural sculpture	Bronze and a variety of com- posite materials	80%
Pennsylvania Firebacks, Inc. 308 Elm Ave., Dept. TB North Wales, PA 19454 215) 699-0805	Free Write in No. 565	Specializes in sand-cast firebacks of original design; over 20 styles. Also: Saf-T-Boot and Saf-T-Grate for installation.	Firebacks	Iron	5%
Permanent Casting, Inc. 285 Shady Grove Rd., Dept. TB Hot Springs, AR 71901 (501) 623-8886	Free	Specializes in aluminum scrolls and picket castings for use where high volume exceeds sand-casting capabilities.	Hardware, architectural orna- ment, fence components, light- ing fixture parts, street furniture, waffle griddles	Aluminum	30%
Rebechini Studios 1390 Howard St., Dept. TB Elk Grove, IL 60007 (800) 229-6050	Free Write in No. 881	Specializes in bronze and aluminum plaques, special let- ters, etched products, sculpture, and design.	Architectural ornament, historic markers, statuary	Brass, bronze, aluminum, stainless steel	100%
The Reggio Register Co. PO Box 511, Dept. TB Ayer, MA 01432 (508) 772-3493	Free Write in No. 581	Large manufacturer of a com- plete line of cast iron, aluminum, and brass decorative grilles and registers.	Grilles and registers	Brass, bronze, aluminum, iron	5%
Smith Cornell PO Box 29A, Dept. TB Maumee, OH 43537 (800) 325-0248	Free Write in No. 46	Plaques and markers for historic properties in sand-cast bronze and aluminum with either bronze or pewter finish; can also reproduce photos next to text.	Historic markers	Bronze, aluminum	50%
Steptoe & Wife Antiques 322 Geary Ave., Dept. TB Foronto, ONT M6H 2C7 416) 530-4200	Free Write in No. 47	Custom castings to spec or shop drawings; reproduction of exist- ing historic components, restora- tion of existing architectural metalwork. Complete metal fabrication and welding shop on site.	Hardware, architectural orna- ment, fence components, grilles and registers	Brass, bronze, aluminum, iron, stainless steel	40%
Superior Aluminum Products 105 Francis St., Dept. TB Russia, OH 45363 513) 526-4065	Free	Specializes in cast-aluminum fencing and columns in 5 finishes (baked-on enamel and anodized).	Architectural ornament, fence components, columns	Aluminum	15%
Fennessee Fabricating Co. 822 Latham St., Dept. TB Memphis, TN 38106 901) 948-3354	Free	Specializes in decorative cast iron and cast aluminum.	Fence components, street furni- ture	Aluminum, iron	5%
Thomas Fine Castings 79 Broadway, Dept. TB Kingston, NY 12401 914) 331-8528	Free Write in No. 884	Specializes in one-of-a-kind ar- chitectural elements.	Architectural ornament	Iron	100%
Fomahawk Foundry 2337 29th St., Dept. TB Rice Lake, WI 54868 215) 234-4498	Free	Custom grey-iron casting; spe- cializes in parts for old and antique stoves.	Architectural ornament, antique stoves	Iron	95%
Urban Accessories, Inc. 20004 144th Ave., NE, Dept. TB Woodinville, WA 98072 206) 487-0488	Free	Cast-iron, bronze, aluminum tree grates, trash units, benches; also large volume of custom cast- ing, e.g., Rockefeller Plaza, Pennsylvania Ave., San Antonio Riverwalk.	Hardware, architectural orna- ment, lighting fixture parts, gril- les and registers, historic markers, street furniture, ad- dress plaques	Brass, bronze, aluminum, iron	40%

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Architectural Hardware (UK)Ltd., a 5th generation brass foundry, makes some of England's finest building hardware. Brass and bronze fittings manufactured to highest standards. Wide choice for windows, doors and other applications. Specials to order. Polished and lacquered brass, bronze – real or imitation, polished or satin chrome.

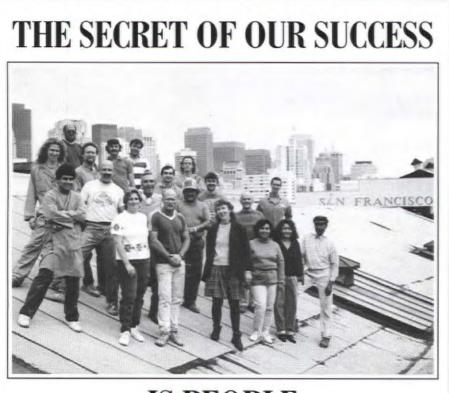
It's now available in North America - contact :



RICHARD O. BYRNE - Agent 105 BROCK ST. E. P.O. BOX 610 MERRICKVILLE, ONT. KOG 1NO CANADA (613) 269-3676

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WRITE IN NO. 585





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  - AND NEW WORK •
  - BUILDERS HARDWARE
  - HISTORIC LIGHTING •
  - DECORATIVE METALS •

CIRECAST 380 Seventh St., Dept. TB, San Francisco, CA 94103 (415) 863-8319 FAX (415) 863-7721

WRITE IN NO. 593

Exact replica of original cast bronze doors, re-created in bonded bronze for Crocker Bank Headquarters, San Francisco, Calif.

Sculptor and master craftsman creates architectural and free-form sculpture in bronze, marble, plaster, and various fiberglass-based materials. Studio combines old-world craftsmanship with modern mold-making and casting techniques. Restoration of historic details, ornamentation, moldings, doorways, arches, ceilings, medallions, cornices, columns & capitals, fountains, etc. Clients nationwide.



MANUEL PALOS SCULPTURE, INC.

1330 DONNER AVENUE, DEPT. TB SAN FRANCISCO, CALIFORNIA 94124 415 822 8034 FAX: 415 822 9280

WRITE IN NO. 642

NOVEMBER/DECEMBER 1991 11

### CUSTOM METAL CASTINGS PORTFOLIO

For more information on these companies, consult the SourceList on pages 8 and 10.



Lantern can be cast in brass or aluminum, LEITELT BROTHERS. Write in No. 874



Restoration of Flatiron Building, NYC, ARCHITECTURAL IRON CO. Write in No. 843



Snapping turtle, limited edition, bronze - dark or light green patina or cast iron - black or rust patina, MAX-CAST. Write in No. 876



19 in. dia. cast bronze state seal, **REBECHINI STUDIOS, INC. Write in** No. 881



Bronze pheasant mirror, NESCH BRASS.



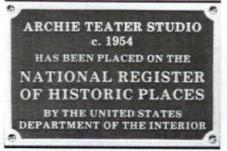
Cast-iron grille, REGGIO REGISTER. Write in No. 581



Lifesize bronze statue at Lexington (Ky.) Horse Park, EXCALIBUR BRONZE. Write in No. 867



SUPERIOR ALUMINUM PRODUCTS.



One example of the kind of castbronze plaque that can be created for historic properties, SMITH-CORNELL, INC. Write in No. 46



Brass, bronze, aluminum, and iron tree grates, URBAN ACCESSORIES.



Bronze plaque, ERIE LANDMARK. Write in No. 866



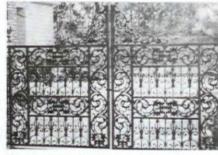
Cast gates, LAWLER MACHINE & FOUNDRY CO. (Photo credit: Herndon & Merry and Emerald) Write in No. 849





"Old South" custom cast-aluminum gates, MOULTRIE MFG. CO.





"Bird of Paradise" gates in aluminum or iron, TENNESSEE FABRICATING CO.

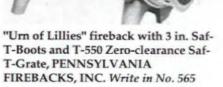






Restored cast-iron fence, Salem, Mass., CASSIDY BROS. FORGE, INC.

12 NOVEMBER/DECEMBER 1991





Custom bronze casting for bank in Toronto, STEPTOE & WIFE AN-TIQUES. Write in No. 47

Custom cast chandelier, HISTORICAL ARTS & CASTING. Write in No. 121

continued on page 13

CASTINGS, continued from page 12

Choose swing

or slide gates if you choose

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they will work.

A statement of

pride, quality and

enduring beauty

cast in Aluminum.

Bronze or Brass.

From design and mold-making through casting and finishing, no one is more qualified to produce your unique, customcrafted sign, marker,

seal or plaque. Rely

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800 458-0463 (Outside PA) 814 456-4277 (In PA) 814 453-4293 (FAX)

> **Steptoe Manufactures** & Distributes Quality

**Restoration Products:** 

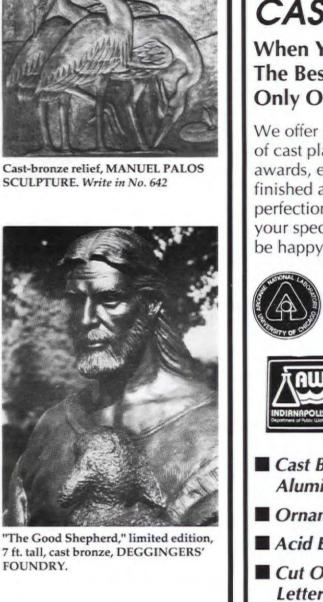
Cast iron spiral staircases

Erie, PA 16512-0059

15

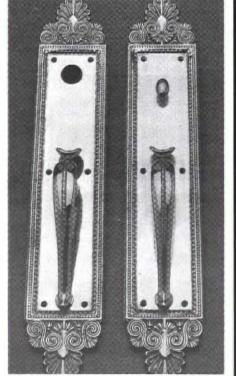
Lake Shore Industries.







Cast-brass knob trim, CROWN CITY HARDWARE CO.



L-28 cast-brass entry set from AMER-ICAN HOME SUPPLY.



wood floors and fine carpets. Maximize



WRITE IN NO. 47

NOVEMBER/DECEMBER 1991 13

# the standard of quality since 1860 **WERD** vood columns



No. 140 Scan



manufacturing wood columns has proven that the durability of a wood column depends upon the strength of the joint and the

quality and thickness of the wood. Schwerd column construction was developed to meet each specific requirement. The wood is thoroughly seasoned Northern White Pine. The pride of craftsmanship and skilled techniques acquired by 120 years of specialized experience is applied. The resulting product is a "Schwerd Quality Column" specified by architects with complete confidence. Both standard and detail columns can be furnished from 4 in. to 50 in. in diameter and up to 35 ft. in length with matching pilasters.



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during the many years No. 152 Temple of Winds since our beginning in 1860, you know our product; if not, send us your inquiries and orders and join our

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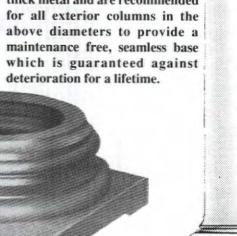
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list of satisfied customers. SEND FOR OUR FREE CATALOG

Schwerd's complete aluminum bases for 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, and 30 in. dia. columns.

Schwerd's - Aluminum ventilated plinth and aluminum turned member base are manufactured of thick metal and are recommended



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WRITE IN NO. 161





so they line up with no gaps?

Are all hoards jointed straight and true

**CAUTION!** 

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Proper moisture content. Does your supplier dry the boards to your

should be aware of:

specifications?

- 3. Are all boards planed to the same thickness, eliminating the need for excess sanding?
- 4. Do all boards meet trade grading specifications?
- 5. Is the entire order usable when received, or is some percentage of it junk?
- 6. Does your supplier offer knowledgeable assistance and information on ordering, specifying, and installation?
- 7. Does your supplier offer a warranty?

Wide boards from The Craftsman Lumber Company have been satisfying architects, builders and homeowners nationwide since 1974. All our boards are created exactly to your specifications. Send \$2.00 for literature and grading photos, or phone Charles Thibeau at (508) 448-6336.

The Craftsman Lumber Company Box 222T, 436 Main St., Groton, MA 01450

WRITE IN NO. 432



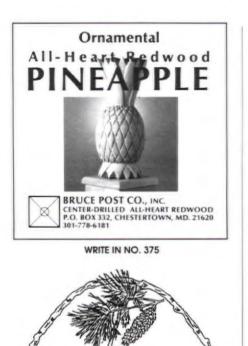
Distinctive wood finials in classic styles 4"-15" diameters • custom services available.

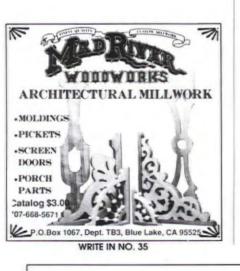
Call or write for brochure: BOSTON TURNING WORKS architectural woodturning 42 Plympton Street, Boston, Massachusetts 02118 617-482-9085

WRITE IN NO. 475



WRITE IN NO. 726





### **RESCUE DETERIORATED MATERIALS** WITH ABATRON PRODUCTS

Here are 3 uses for Abatron's Restoration Products. If you've got a different problem, call us. It's likely we have a formulation that will do the job.

#### WOOD RESTORATION



LiquidWood and WoodEpox give new life to severely rotted window sill, sash, frames, shutters, columns, decorative wood elements. The Abatron system is especially valuable when original wood must be saved for historic reasons. LiquidWood consolidant reinforces and waterproofs by hardening after penetrating\*. WoodEpox is a structural adhesive putty

that fills, repairs, and replaces missing wood. It can be sanded, milled, stained, etc., like wood.

#### CONCRETE RESTORATION

ABOCRETE: A patching and resurfacing cement/grout structurally and chemically superior to concrete. Welds permanently to concrete, metal and wood. Patches & resurfaces floors, driveways, work areas, structures, columns, decks, corroded pitted and spalled surfaces for industrial, marine, institutional and residential uses. ABOCAST: A family of



solventless resurfacing materials. ABOCOAT: The toughest protective coatings. Special versions available for applications in subfreezing weather.

#### CRACK-INJECTION



ABOJET: Series of structural crack-injection resins is a proven method to restore structural integrity to cracked load-bearing elements, such as foundations, abutments, swimming pools, concrete pipes, columns, and sculptures. ABOJET resin is injected into the crack, filling and welding it. ABOJET makes a permanent bond that is stronger than concrete.

Besides concrete, ABOJET can weld masonry, marble, stone, wood, ceramics, metals, stucco, and gypsum

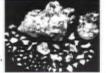
Call or write for additional information on these cost-effective restoration materials.

ABATRON, INC.

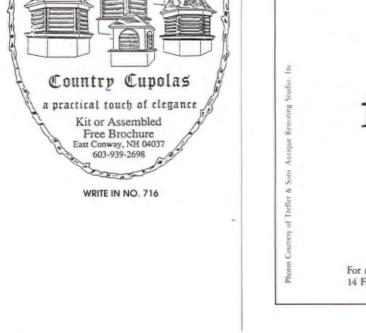
33 Center Drive., Dept. TB, Gilberts, IL 60136 Phone: (708) 426-2200 FAX: (708) 426-5966 WRITE IN NO. 130

> EPO-TEK 301 and 301-2 epoxies dry clear and hard to repair or restore valuable antiques and artifacts without altering the original piece





Its uses include (but are not limited to) restora tion or repair of wood ceramics, stone, porcelain china and glass. The



Clear epoxies for repair



or restoration

epoxy can be used to coat surfaces or to penetrate and bond porous materials and cracks in nonporous materials.



Both are two part. optically transparent epoxy systems with very low viscosities (comparable to water), and room

temperature cure. When cured, they become extremely strong, hard, clear plastics with excellent bond strength.

For more information, contact Epoxy Technology, Inc 14 Fortune Drive, Billerica, MA 01821, (800) 227-2201, or in MA: (508) 667-3805, Telex: 94-7140

WRITE IN NO 797

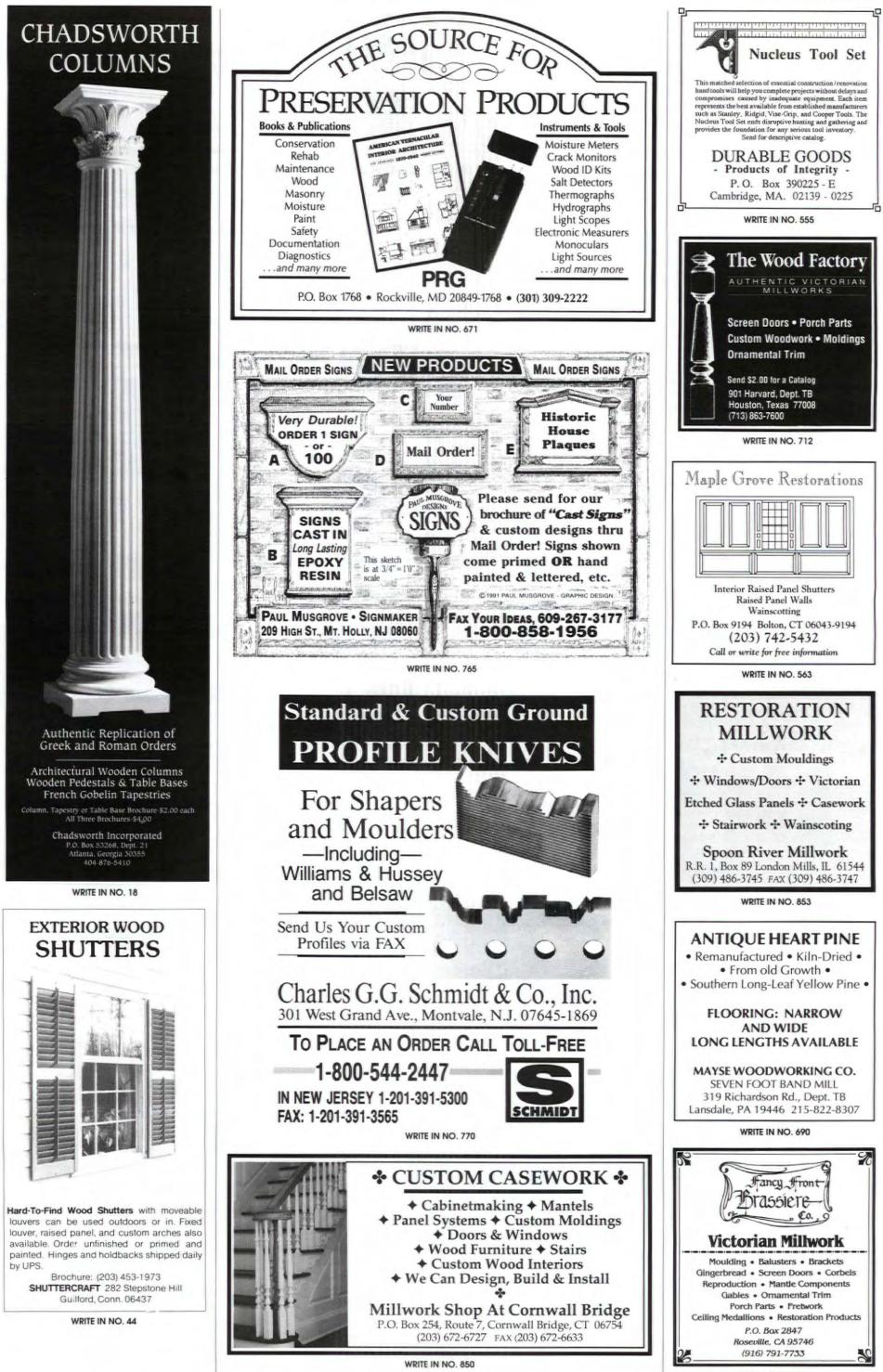
■ TRADITIONAL BUILDING

NOVEMBER/DECEMBER 1991 15

\*

■ DIVISION 6 - WOOD & PLASTICS

TRADITIONAL BUILDING



WRITE IN NO. 704

16 NOVEMBER/DECEMBER 1991

Division 6



WOOD & PLASTICS

# **CASEWORK & CONTRACT WOOD INTERIORS**

The recession has increased the number of low-ball bids for architectural woodwork jobs. While that sounds like good news for the client, there are hazards for specifiers caught in the middle.

■ BY CLEM LABINE

n interior woodwork package out for pricing recently elicited bids ranging from \$80,000 to \$300,000! One participant in the bidding disclosed to TRADI-TIONAL BUILDING that his cost for materials alone, as set forth in the specifications, was \$65,000. So the shop that bid \$80,000 is going to have to cut some major-league corners.

Naturally, the client is seriously tempted to go with the low-ball bidder . . . and expects the architect and general contractor to police the job to make sure it comes up to specifications. But it seems clear that there's NO WAY the most conscientious project manager can make the low-ball bidder produce a job in accordance with the original specs. The low-baller is hoping that once the job gets going, the client will be so enchanted by the low price that the client will pressure the project manager to OK work that varies enormously from the original specs.

This scenario is being played out many times each day across the country. It boils down to two central issues:

(1) What level of quality does the client REALLY want - and what is he or she willing to pay for?

(2) How committed are the client and the project manager to enforcing the original specs once the job is awarded?

Equity and fairness disappear from the bidding process when conscientious shops submit bids based on written specs, but the job is awarded to a bidder who prices the job based on an unwritten set of specifications to be negotiated only after the job has begun.

#### Measuring Quality

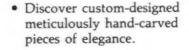
A major problem is that many clients have difficulty telling the difference between high-quality and mediocre work The problem is further compounded by the fact that woodwork quality grades - Premium, Custom, and Economy - published by the Architectural Woodwork Institute (AWI) don't adequately cover topquality woodwork required for most restoration and other high-end custom installations. Jim Ricketson of Ricketson Woodwork points out that AWI is currently working on specs for a "Monumental Grade" of woodwork that will cover high-end custom work of the type Ricketson normally produces - but these specs are not yet published. David Purnell of American Custom Millwork reports that often the specs accompanying woodwork bid packages are just boilerplate dropped in from a word-processor databank and don't really apply to the job at hand. Sometimes the boilerplate underspecifies what the job requires, and at other times the boilerplate needlessly "gold plates" the job. In this situation, the woodwork shop that bids in strict accordance with the written specs can find itself at a major competitive disadvantage with the back-alley shop willing to take "creative liberties" with the specs.

Conflicts are inevitable when the client wants to pay a low price yet expects a top-quality job. For the

continued on page 24

#### Screening Questions For Architectural Woodwork Suppliers

- How long has the firm been in business? • What type of jobs does the shop specialize in? Offices? Retail?
- Restaurants? Residential? Hotels' Is your job much larger or smaller than jobs typically handled by the shop?
- Does the shop appear to be neat and efficiently organized for trouble-free production?
- What is the experience level of the workers? Supervisors? Management?
- Does the shop have adequate machinery for your job?
- Does the shop have the expertise to apply the finishes you want?
- Does the shop have the capability to produce detailed shop drawings
- Have you closely examined jobs installed by the shop that are similar to your project?
- Have you talked to architects, contractors, or clients who have worked with the shop? What is the shop's reputation for delivering on spec, on time, and on budget? How does the shop handle disputes?



- · Carvings of any size, lovingly crafted for discriminating tastes and opulent surroundings.
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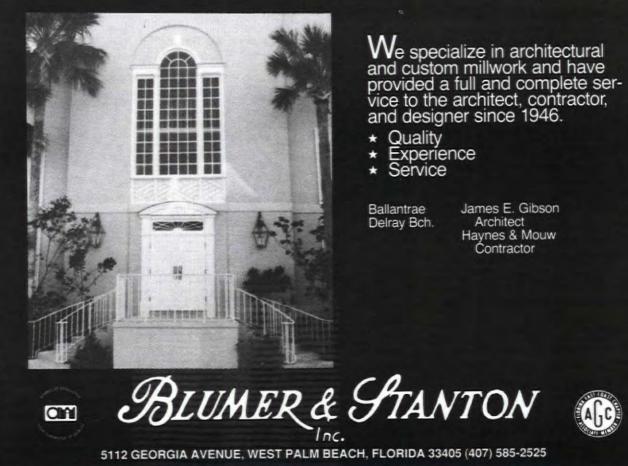
· (413) 732-2661

ULPTOR

WRITE IN NO. 738







WRITE IN NO. 844

TRADITIONAL BUILDING

### C TRADITIONAL BUILDING'S SourceList of CASEWORK & CONTRACT WOOD INTERIORS

CSI# 06400

COMPANY	SPECIALTY	Literature	Design	Build	Pre-Finish	Install	Largest Size Jo
Acadian Millwork & Supply Co. 698 Lafitte St., Dept. TB Mandeville, LA 70448 (505) 626-4050	A diversified millwork company that produces cabinetry and casework, paneling, wainscot- ing, coffered ceilings, curved work, moldings, shutters, custom furniture, mantels, columns, and capitals.	Free	~	~	~	~	\$300K
Allegheny Millwork & Lumber Co. 1001 Muriel St., Dept. TB Pittsburgh, PA 15203 (412) 431-3030	Full-service architectural woodworking house providing interior wood packages, including: Trim, paneling, casework, stairwork, and cus- tom furniture. Design staff, project manage- ment, installation.	By appointment only	~	~	~	~	\$2M
American Custom Millwork 3904 Newton Road, Dept. TB Albany, GA 31706 (912) 888-3303	All custom exterior and interior millwork, in- cluding: Cabinetry, paneling, wainscoting, cof- fered ceilings, mantels, columns and capitals, carving, custom furniture, embossed mold- ings, and wood stairs. Design service; will su- pervise installation.	(refundable)	~	~			\$1M
Architectural Components 26 N. Leverett Rd., Dept. TB Montague, MA 01351 (413) 367-9441	Residential and commercial interiors, libraries, conference rooms, etc., using classi- cal details and construction techniques. Will design and build, or work from drawings, in- cluding cabinetry, paneling, mantels, columns and pilasters, and custom wood carving.	Free brochure Catalog \$3	~	~			\$200K
Architectural Woodworkers of Vt. P.O. Box 431, Dept. TB Manchester, VT 05255 (802) 362-1823	All commercial and residential woodwork, in- cluding new construction and restoration, con- temporary and traditional designs. Production setups and custom pieces. Work includes cabinetry, paneling, mantels, cus- tom carving, furniture, and stairwork.	Free Write in No. 860	~	~	v	~	\$100K
Associated Wood Products 9601 Humboldt Ave. So., Dept. TB Bloomington, MN 55431 (612) 884-9694	Architectural millwork and wood components: Specialty wood products, single items or production runs, component parts or com- pleted assemblies.	Free Write in No. 862	~	~			\$100K
Bernhard Woodwork, Ltd. 3670 Woodhead Dr., Dept. TB Northbrook, IL 60062 (708) 291-1040	Major supplier of architectural woodwork, both production runs and custom work. Work includes cabinetry and casework, paneling, coffered and paneled ceilings, wood columns and pilasters, and custom wood furniture.	Free		~	~	~	\$6M
Bernstein Period Woodworking 5900 Green Spring Ave., Dept. TB Baltimore, MD 21209 (301) 764-1531	Interior woodwork for high-quality restoration of 18th- and 19th-century interiors, including cabinetry, casework, paneling, custom floor- ing, mantels, and custom furniture.	Free	~	~		~	\$100K
Blumer & Stanton, Inc. 5112 Georgia Ave., Dept. TB West Palm Beach, FL 33405 (407) 585-2525	Commercial interiors, executive office space, retail store fixtures, restaurants, lobbies, etc. High-end residential paneling, cabinetry, man- tels, coffered ceilings, and columns/capi- tals/pilasters in most hardwoods and veneers.	Free Write in No. 844	~	~			\$1M
Brown Custom Woodworks 4 Westminster Cartway, Dept. TB Simsbury, CT 06070 (203) 651-9095	Engineers and executes high-end residential and commercial interiors, including research and design. Cabinetry, paneling, coffered ceilings, mantels, columns and pilasters, and custom wood furniture.	Free brochure Catalog \$5 Write in No. 864	~	~	r	~	\$250K
Brunswick Woodworking 15811 Crabbs Branch Way, Dept. TB Rockville, MD 20855 (301) 948-9099	Designs, builds, and installs cabinetry and casework, paneling, coffered ceilings, man- tels, wood columns and pilasters, and cus- tom wood furniture. Prefinished or raw wood.	No brochure	~	~	~	~	\$1M
Carpenter & Smith Restorations Box 504, Dept. TB Highland Park, IL 60035 708) 831-5047	All custom woodwork repair and fabrication shop; both interior and exterior woodwork. Specializes in traditional new construction, historic residences, civic structures, and museums. Casework, paneling, custom wood floors, etc.	Free Write in No. 841	~	~	~	~	\$250K
Coastal Millworks 1335 Marietta Blvd., NW, Dept. TB Atlanta, GA 30318 404) 351-8400	Custom flooring and other interior architec- tural millwork packages manufactured from resawn antique southern longleaf yellow pine. Millwork products include cabinetry, paneling, casings, etc.	Free Write in No. 319	~	~			\$200K
Creative Woodworking 26 Friendship St., Dept. TB Westerly, RI 02891 401) 596-4463	Architectural woodwork shop that produces custom moldings, cabinets, paneling, custom flooring, and mantels. Also has a catalog of stock moldings.	Free	~	~			\$100K
Cumberland Woodcraft P.O. Drawer 609, Dept. TB Carlisle, PA 17013 717) 243-0063	Manufactures a complete line of stock and custom hardwood Victorian millwork, mold- ings, architectural carvings, and solid wood appliques. Also: Cabinetry, paneling, cof- fered ceilings, custom flooring, mantels, stair- work, custom furniture, bars/back bars.	Free Write in No. 131	~	~	~		\$2M
D.H.M. Cabinetmakers, Inc. Box 173, Rt. 4, Dept. TB Floyd, VA 24091 703) 745-3825	Specializes in wood furniture and architec- tural millwork. Produces cabinetry, casework, paneling, coffered ceilings, custom flooring, mantels, custom wood carving, and stairwork.	Free brochure Catalog \$4	~	~	~	~	\$250K
Dooley Custom Millwork 05 Merritt Ave., Dept. TB Nashville, TN 37203 615) 242-2665	Can duplicate any historic woodwork, includ- ing turnings and carvings. Projects include casings, mantels, stairwork, moldings, radius work, doors, and windows. Can work from photographs, blueprints, or sketches.	Free	~	~			\$250K
Dubuque Sash & Door 50 Jackson St., Dept. TB Dubuque, IA 52001 319) 557-8851	Custom woodwork manufacturer producing, among other items, cabinetry, casework, paneling and wainscoting, coffered ceilings, wood mantels, and doors and windows.	Free	~	~	~		\$250K

continued on page 20

■ TRADITIONAL BUILDING

ARCHITECTURAL MILLWO

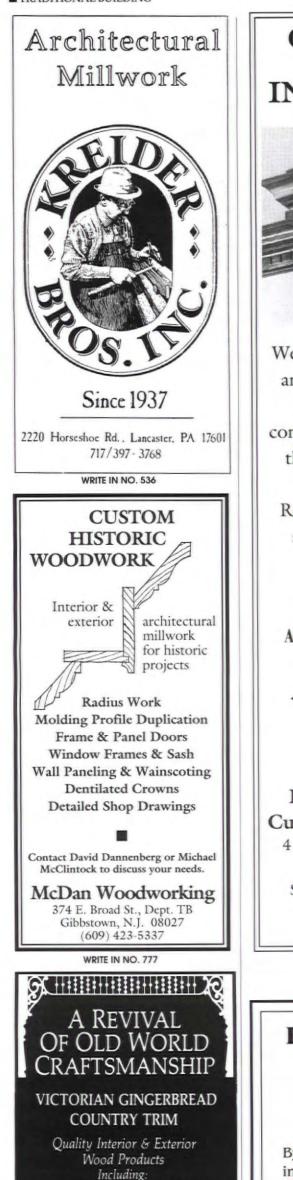
Turning and

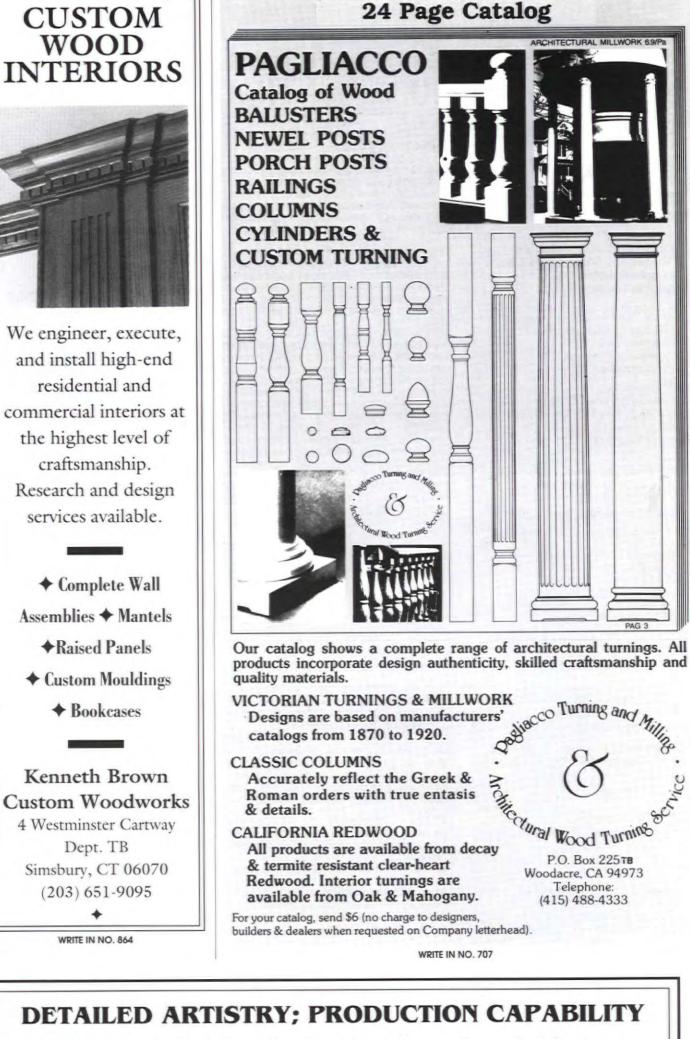
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3





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WRITE IN NO. 683



Associated Wood Products, Inc.

9601 Humboldt Ave. So., Dept. TB Bloomington, MN 55431 (612) 884-9694

#### **Huggler-Wyss America**

541 S.W. Pacific St., Dept. TB Willmar, MN 56201 (612) 235-6020

WRITE IN NO. 862

■ TRADITIONAL BUILDING

#### TRADITIONAL BUILDING's SourceList of ASEWORK & CONTRACT WOOD INTERIORS ١ HARON BINE

CSI# 06400

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COMPANY	SPECIALTY	Literature	Design	Build	Pre-Finish	Install	Largest Size Jo
Empire Woodworks P.O. Box 717, Dept. TB Blanco, TX 78606 (512) 833-2119	Architectural millwork packages for interior and exterior projects, with specialty in Vic- torian style and country trim. Both standard patterns and custom design and manufactur- ing. Corbels, moldings, running trim, cor- nices, etc.	Free Write in No. 683	~	~			\$200K
Douglas Gest Restorations The Joiners Shop, Dept. TB Lebanon, NH 03766 (603) 448-3389	Restoration of period interiors, reconstruction of early New England homes, and complete architectural woodworking and cabinetry facilities. Work includes cabinetry, paneling, coffered ceilings, custom flooring, mantels, carvings, custom furniture, and stairwork.	Free	v	~	~	~	\$500K
Glenco Construction Co. Box 189, Dept. TB Athens, NY 12015 (518) 945-3880	Preservation building contractor experienced in restoration and integrating new and old work. Work includes cabinetry, casework, paneling, custom flooring, mantels, columns/capitals, and stairwork.	Free	~	~	~	~	\$500K
Goodwin Heart Pine Co. Route 2, Box 119-AA, Dept. TB Micanopy, FL 32667 (800) 336-3118	Custom flooring and other interior architec- tural millwork packages manufactured from virgin logs of antique southern longleaf yel- low pine. Millwork includes cabinetry, stair- work, paneling, doors and casings, etc.	Free		~			\$350K
Hallidays America P.O. Box 731, Dept. TB Sparta, NJ 07871 (201) 729-8876	Handmade and handcarved paneled rooms in both traditional and contemporary styles, with emphasis on Regency and Georgian periods: Paneling, mantels, fireplaces, built-in corner cupboards, bookcases, porcelain cabinets, niches, doors, etc.	Free Write in No. 531	~	~	~	~	\$500K
Hudson Valley Woodworks P.O. Box 660, Dept. TB Hyde Park, NY 12538 (914) 452-9886	Specializes in historic preservation: Cabinetry, paneling, wainscoting, custom flooring, mantels and overmantels, custom wood furniture, and custom installation.	None		~		~	\$50K
Jelliff & Son 47 Jelliff Mill Rd., Dept. TB New Canaan, CT 06840 (203) 966-9475	Custom millwork shop can duplicate any his- toric woodwork. Projects include casings, mantels, stairwork, moldings, radius work, shutters, doors, and windows. Can work from photographs, blueprints, or sketches.	Free Write in No. 687	~	~			\$200K
C.W. Keller & Associates 9 Hale Spring Rd., Dept. TB Plaistow, NH 03865 (603) 382-2028	Manufacturers of custom architectural millwork, built-ins, and furniture for both com- mercial and residential installations, in all hardwoods and softwoods.	Free		~	~	~	\$500K
Keystone Millwork 7601 Chestnut St., Dept. TB Zionsville, PA 18092 (215) 965-9400	Architectural millwork for commercial, in- dustrial, institutional, and residential installa- tions: Cabinetry, casework, paneling, coffered ceilings, custom flooring, mantels, columns and pilasters, stairwork.	Free	~	~	~	~	\$750K
Kreider Bros., Inc. P.O. Box 10065, Dept. TB Lancaster, PA 17605 (717) 397-3768	Full range of millwork and custom casework, including: Cabinetry, paneling, custom floor- ing, mantels, columns/capitals/pilasters, stair- work, and custom wood furniture. Works in any wood specified; mahogany a specialty.	Free Write in No. 536		~	۲.	~	\$350K
Maple Grove Restorations P.O. Box 9194, Dept. TB Bolton, CT 06043 (203) 742-5432	Interior raised-panel shutters, wainscoting, raised-panel walls, and casework available in a variety of hardwoods. Complete finishing service available.	Free Write in No. 563	~	~	~	~	\$50K
Mayse Woodworking 319 Richardson Rd., Dept. TB Lansdale, PA 19446 (215) 822-8307	Custom wood flooring manufactured from recycled old-growth southern longleaf yellow pine. Normal thickness is 7/8 in.; widths range from 2-1/2 to 14 in.	Free Write in No. 690		~			\$100K
McDan Woodworking 374 E. Broad St., Dept. TB Gibbstown, NJ 08027 (609) 423-5337	Custom exterior and interior woodwork: Cabinetry, paneling, mantels, wood carving, wainscoting, custom wood furniture, period moldings, radius work. Works from samples or shop drawings.	Free Write in No. 777	~	~	~		\$100K
Millwork Shop at Cornwall Bridge P.O. Box 254, Rte 7, Dept. TB Cornwall Bridge, CT 06754 (203) 672-6727	Custom interior woodwork in any wood specified: Cabinetmaking, mantels, panel sys- tems, custom moldings, coffered cellings, and custom wood furniture. Residential, com- mercial, and institutional projects.	Free Write in No. 850	~	~		~	\$350K
Mountain Lumber Co. P.O. Box 289, Dept. TB Ruckersville, VA 22968 804) 985-3646	Produces custom flooring, casework, panel- ing, wainscoting, mantels, and stair parts in resawn antique southern longleaf heart pine. Also antique oak and antique chestnut.	Free	~	~			\$2M
Nelson & Nelson Woodworking 6109 N. Cascade—#204, Dept. TB Colorado Springs, CO 80907 719) 635-0888	Custom architectural woodwork shop supply- ing both exterior and interior millwork, includ- ing: Cabinetry, casework, paneling, coffered ceilings, custom flooring, mantels, columns/capitals/pilasters, wood carving, stairwork, and custom furniture.	Free Write in No. 877	~	~	~	~	\$100K
Phoenix Millwork, Ltd. 44 Horseblock Rd., Dept. TB 7 aphank, NY 11980 516) 924-9510	Commercial interiors, executive office space, high-end retail store fixtures, restaurants, lob- bies, etc. High-end residential paneling, cabinetry, mantels, in most hardwoods and veneers.	Free	~	~	~	~	\$1M
Powell Cabinet & Fixture Co. 1300 Freeport Blvd., Dept. TB Sparks, NV 89431 702) 359-4700	Can furnish complete interior finish packages for bars, restaurants, hotels, casinos, and commercial buildings. Woodwork capabilities include: Cabinetry, casework, paneling, cof- fered ceilings, custom flooring, mantels, columns/capitals/pilasters, stairwork, and cus- tom wood furniture. Ships worldwide.	Free Write in No. 852	~	~	~	~	\$3M

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NOVEMBER/DECEMBER 1991 21

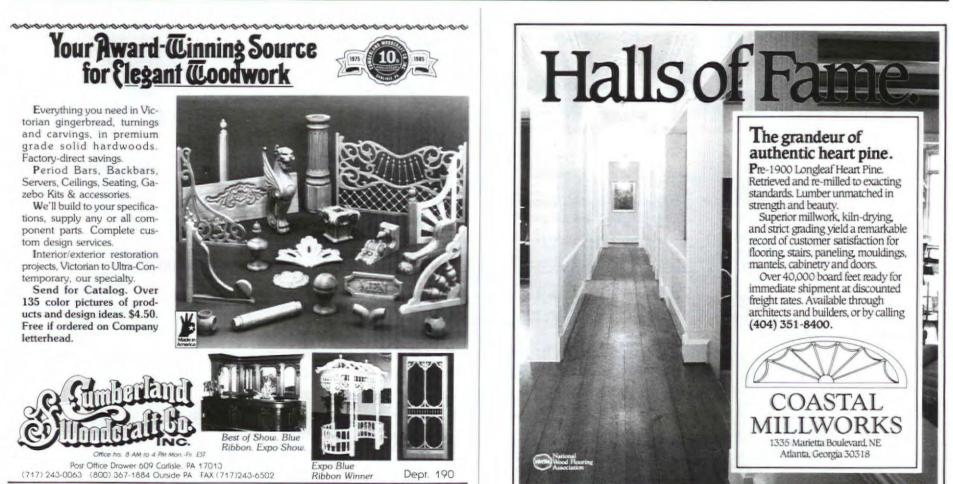
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# TRADITIONAL BUILDING'S SourceList of SEWORK & CONTRACT WOOD INTERIORS

CSI# 06400

COMPANY	SPECIALTY	Literature	Design	Build	Pre-Finish	Install	Largest Size Job
Restoration Unlimited, Inc. 24 W. Main St., Dept. TB Elizabethville, PA 17023 (717) 362-3477	Design, construction, and installation ser- vices — specializing in reproduction millwork, including: Cabinetry, paneling, custom floor- ing, mantels, stairwork, and custom wood fur- niture.	Free	~	~	~	~	\$100K
Ricketson Woodwork 100 Bidwell Rd., Dept. TB South Windsor, CT 06074 (203) 289-1222	Custom woodwork manufacturer equipped to furnish complete interior packages for institu- tions, restaurants, hotels, and commercial buildings. Capabilities include: Casework, paneling, custom flooring, columns/capi- tals/pilasters, doors and windows, stairwork, and custom furniture.	Free Write in No. 719	~	~	r	~	\$5M
A.E. Sampson & Son Rte. 90, P.O. Box 1010, Dept. TB Warren, ME 04864 (207) 273-4000	Complete architectural woodworking service that can start from anything ranging from a photo in a magazine to full working drawings. Interior woodwork capabilities include: Cabinetry, paneling, custom flooring, man- tels, and stairwork.	Free	~	~	V	*	\$250K
Southern Architectural Woodwork 7402 Fairfield Rd., Dept. TB Columbia, SC 29203 (803) 754-4619	Manufactures and installs total-package premium- and monumental-grade architec- tural woodwork projects for executive offices, commercial, hospitality, and institutional projects including: Casework, paneling, trims, doors, columns/capitals/pilasters, wood carv- ing, and custom furniture.	Free	~	~	~	~	\$2M
Spoon River Millwork R.R. 1, Box 89, Dept. TB London Mills, IL 61544 (309) 486-3745	Custom moldings and architectural millwork; furnishes such items as jambs and headstock, and wainscotting. Produces cus- tom doors and windows with Victorian etched- glass patterns produced by their own sandblast process.	Free Write in No. 853	v	~	~		\$50K
Stahl Restorations 1 Newark St., #26, Dept. TB Hoboken, NJ 07030 (201) 659-6754	Provides a full range of architectural millwork services, from meticulous restoration of old wood to creation of new work in traditional styles: Cabinetry, paneling, custom flooring, casework, and stairwork.	Free	~	~	~	~	\$200K
States Industries, Inc. P.O. Box 7037, Dept. TB Eugene, OR 97401 (800) 626-1981	Manufactures interior hardwood paneling sys- tems in 8 different styles. The "Library Panel", containing 9 panels per each 4-x-8-ft. sheet, is particularly suited to creating economical paneled walls or wainscoting.	Free Write in No. 296		~	~		\$250K
Sunshine Architectural Woodworks 2169 Sunshine Dr., Dept. TB Fayetteville, AR 72703 (501) 521-4329	Custom architectural millwork shop that spe- cializes in supplying casework, paneling, wainscoting, wood mantels and overmantels, shutters and moldings in hardwoods such as poplar, oak, walnut, cherry, and Honduras mahogany.	Free Write in No. 541		~			\$50K
Terminal Millwork, Inc. 10 Erie Blvd., Dept. TB Albany, NY 12204 (518) 465-7318	Manufactures architectural woodwork for in- stitutional, commercial, and residential build- ings, including cabinetry, wood doors, custom furniture, wall paneling, store and bank fixtures, display and exhibit units.	Free Write in No. 855	~	~	~	~	\$3M

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WRITE IN NO. 319

22 NOVEMBER/DECEMBER 1991

WRITE IN NO. 131

### **INTERIOR WOODWORK PORTFOLIO**

For more information, see the SourceList on pp. 18, 20, 22, & 24.



Hand-carved English Georgian paneling and mantel was produced by the craftsmen of HALLIDAYS AMERICA. *Write in No. 531* 



Gracefully curved custom reception desk and associated cabinetry were supplied by TERMINAL MILLWORK. *Write in No. 855* 



Custom bar, brass rail, and suspended overhead storage unit were fabricated in the shops of POWELL CABINET & FIXTURE CO. Write in No. 852





RICKETSON WOODWORK restored 19th-century woodwork in the Connecticut State Capitol — and supplied new woodwork that blended seamlessly with the old work. Write in No. 719



KREIDER BROS. supplied the custom casework for this library in a new highend residence. Write in No. 536





THE MILLWORK SHOP AT CORNWALL BRIDGE custom-built this elegant china cabinet with carved shell top in the classical Georgian style. Write in No. 850



This richly detailed hand-carved bar back was produced through a collaboration of craftsmen at ASSOCIATED WOOD PRODUCTS and the skilled carvers of HUGGLER-WYSS. Write in No. 862



Custom oak cabinetry by NELSON & NELSON disguises a high-tech entertainment center. The unit features handcarved oak leaves. Write in No. 877

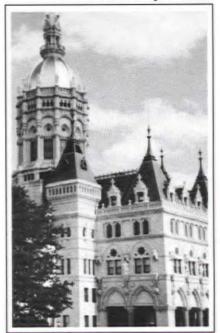


Entry door, interior paneling, door surrounds and the elegantly curved stair were detailed and fabricated by AMERICAN CUSTOM MILLWORK. Write in No. 678



Oak mantel and wainscoting with acorns and boughs carving is one of many standard designs (which can be customized) available from KENNETH BROWN CUSTOM WOODWORKS. Write in No. 864

#### Restorers of Connecticut's State Capitol Needed The Finest Architectural Woodworkers. So They Came to Ricketson.



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Reception desk, combining custom millwork and inset metalwork in the Arts & Crafts manner, manufactured by C. W. KELLER & ASSOCIATES. Handsome mahogany staircase was detailed in a traditional manner by WOODLORE BUILDERS STUDIO.



woodworking firm for the project.

Ricketson was responsible for all the old-world craftsmanship required in the restoration. Complete harmony between existing and replacement woodwork — and the new custom furniture — had to be achieved. The exquisite results have been featured in many magazines, newspapers, and other publications.

Ricketson serves clients throughout the U.S. If your project calls for the highest craftsmanship in custom architectural woodwork, windows, and doors, call us to discuss your requirements.

#### RICKETSON WOODWORK

100 Bidwell Rd., So. Windsor, CT 06074 (203) 289-1222 FAX (203) 528-7863

WRITE IN NO. 719

WRITE IN NO. 877

TRADITIONAL BUILDING

continued from page 22

CSI# 06400

TRADITIONAL BUILDING	s's SourceList of OD INTERIORS
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COMPANY	SPECIALTY	Literature	Design	Build	Pre-Finish	Install	Largest Size Job
Traditional Line, Ltd. 143 West 21st St., Dept. TB New York, NY 10011 (212) 627-3555	Preservation/restoration firm designs, builds, and installs custom reproductions of architec- tural details and period rooms. Services for large or small projects include woodworking and finishing, consultations, furniture restora- tion, custom hardware, and carving.	Free	~	~	v	~	\$3M
Vander Heyden Woodworking 151 West 25th St., 8th Fl., Dept. TB New York, NY 10001 (212) 242-0525	Architectural woodworking firm that under- takes residential, commercial, and institution- al wood interiors, including: Cabinetry, casework, paneling, mantels, columns/capi- tals/pilasters, wood carving, and custom wood furniture.	Free	~	~	~	~	\$250K
Woodlore Builders Studio 2350 N. 7th St., Dept. TB Harrisburg, PA 17110 (717) 236-4526	Custom wood interiors for residential, hotel, and commercial installations. Capabilities in- clude: Casework, paneling, mantels, wood carving, stairwork, etched glass and mirror in- stallations, and custom furniture.	Free	~	~	~	r	\$400K
Wright Architectural Millwork Corp. 115 Industrial Dr., Dept. TB Northampton, MA 01060 (413) 586-3528	Turnkey architectural wood interiors for com- mercial, institutional, and religious interiors, including: Casework, paneling and wainscot- ing, coffered ceilings, custom flooring, columns/capitals/pilasters, and custom wood furniture.	Free	~	~	~	~	\$750K

#### continued from page 17

project manager caught in this vise, client education is the only remedy (albeit a slow one). The designer should make sure at the start of the bid process that the specifications are clear, and truly reflect what the client wants and is willing to pay for.

#### Finding The Shop That's Best For You

Ned Kreider of Kreider Brothers, Inc., points out that one good way to determine the reputation of a local architectural woodworker is to consult the regional chapter of AWI. (You can find the chapter nearest you by calling AWI's headquarters in Centreville, VA, at (703) 222-1100.) These groups generally have a good handle on which local shops (if any) are shorting their jobs.

Roger Powell of Powell Cabinet & Fixture Co. is a big proponent of the shop visit. "Just by seeing the facility, the equipment they have, how organized the place is, the experience and attitude of workers and supervisors, the visitor can learn a lot about a shop and its capabilities." Bill Powell, also of Powell Cabinet, stresses the importance of checking out a shop's drafting capability. "Clear shop drawings are key to smooth coordination of all the trades on a job. A client who expects good work should make sure that the woodworker can turn out fully detailed drawings. A lot of the leading shops have CAD systems to produce highly detailed drawings at reasonable cost."

#### Special Thanks To . . .

... the following industry representatives who lent their expertise to this report: Jim Ricketson of Ricketson Woodwork, South Windsor, Ct.; Roger and Bill Powell of Powell Cabinet & Fixture Co., Sparks, Nev.; David Purnell, American Custom Millwork, Albany, Ga.; and John "Ned" Kreider of Kreider Brothers, Inc., Lancaster, Pa.

#### Who's On The SourceList

Hundreds of woodworking shops in the U.S. provide interior woodwork. To assemble this report, we sent a detailed questionnaire to 250 shops that do high-quality interior woodwork. From the replies, we selected 46 that represent a good cross-section of geography and size of job they can handle. The companies listed range from shops that prepare millwork to spec and deliver unfinished product to your jobsite, to turnkey woodworkers who take responsibility for everything from design and detailed shop drawings to final installation and finishing.\*

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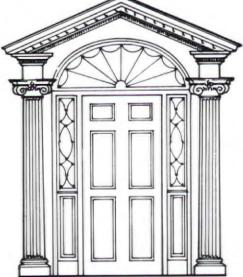
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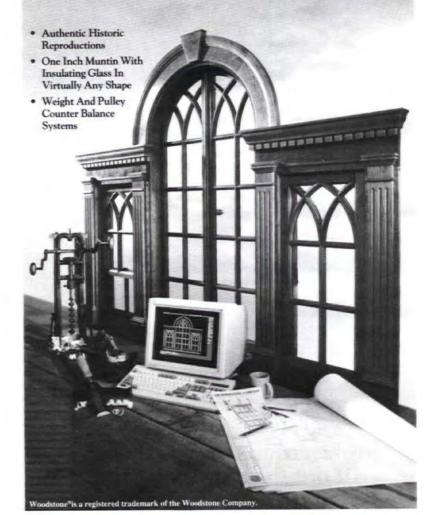
Or anywhere! Our handcarved doorways are the most beautiful available. In traditional Georgian and Federal styles from under \$2000 to \$8500. Carved overdoor motifs from \$350. Color brochure \$3.

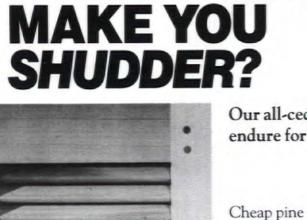


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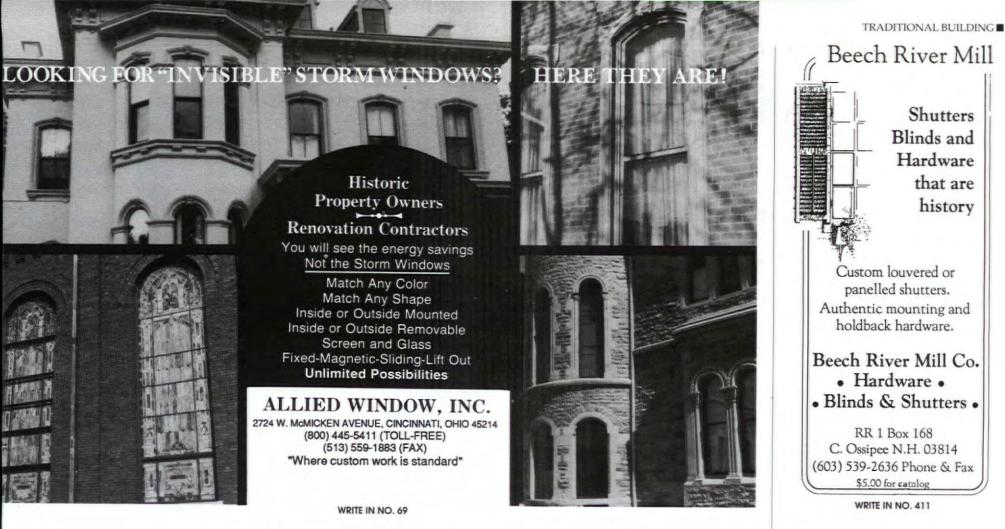
### Vixen Hill Cedar Shutters Elverson, PA 19520 1-800-423-2766

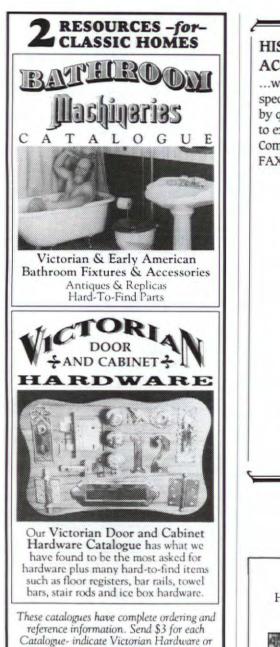
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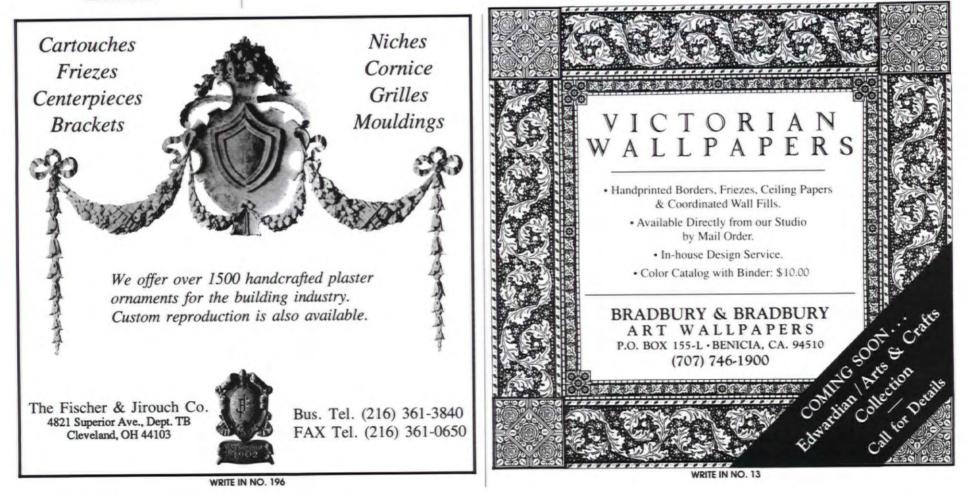


Write for Metal Shingles brochure.

#### Custom Reproductions

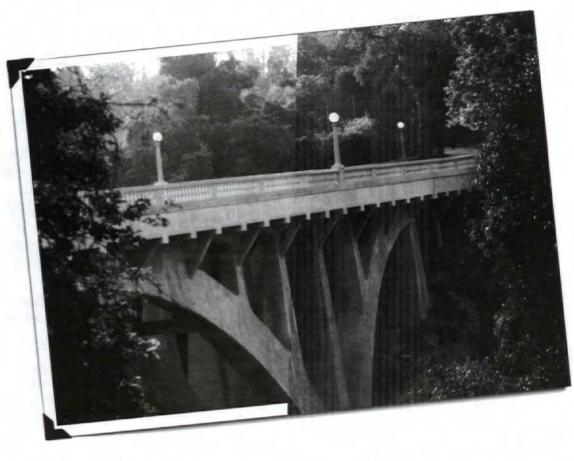
Our manufacturing process enables us to make reproductions of original panels on a custom basis . . . or to produce your original design. Call us to discuss your

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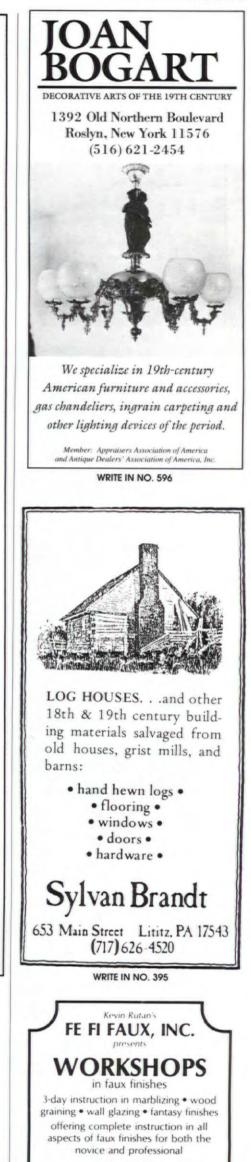
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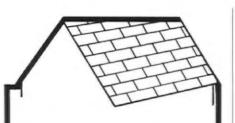
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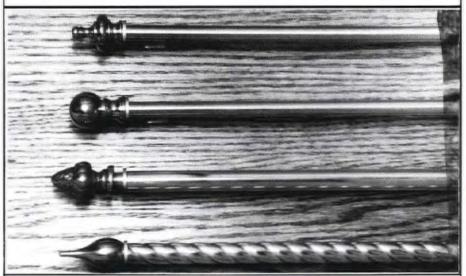






Mac The Antique Plumber carries the best and largest selection of antique plumbing supplies in the world .... and other places, too. Our NEW 1991/92 catalog features 70 pages of plumbing supplies including leg tubs, shower enclosures, high & low tank toilets (including our NEW pillbox toilet), pedestal sinks, and a variety of bathroom parts and accessories; 13 pages of lighting fixtures and shades; and 14 pages of house hardware. In all, 2,000 different products are featured in our 96-pg.

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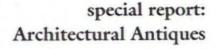
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We offer complete line of architectural antiques: hardware doors, mantles, lighting and plumbing.

Architectural Antiques 121 East Sheridan Ave. Oklahoma City, OK 73104-2419 405-232-0759



#### Division 9 FINISHES

# When You're Looking For That One-Of-A-Kind Item.

more; instead, they are happily ex-

ploring what they once regarded

with horror, such as 1950s light fix-

tures and restaurant banquettes. At

least one supplier, Mason Brothers

Salvage, calls itself "environmentally

responsible," since it even deals in

circa-1960 picture windows, circa-

1970 plastic stained glass from

McDonald's restaurants, circa-1980

plywood - almost anything that

might otherwise end up in landfills.

Also, many once-generalized dealers

are specializing - focusing on

plumbing, lighting, hardware, sig-

nage, or chunks of storefronts and

Choosing a salvage yard:

Bigger does not necessarily mean bet-

ter stocked; an expansive yard of

generic goods may be less likely to yield

the unusual treasure you seek than a

· Check reputations before buying, un-

less you do not mind buying items

· If possible, work with dealers who

also honorably dismantle. Their prices

tend to be lower, since they do not pay

skyscraper facades.

more selective collection;

stolen from hapless buildings;

upply and demand in the world of architectural salvage have changed dramatically in the past decade. Supplies are shrinking partly because a recession and the still-increasing force of the preservation movement are discouraging demolition. A weak dollar prevents much importing (remember when, a few years ago, salvage stores were overflowing with paneling and other luxurious woodwork from England?) and further reduces stockpiles, while environmentalists are loudly warning against destroying serviceable architecture. Meanwhile, demand is booming: More professionals are delving into restoration and traditional new construction and trying to incorporate antique parts into their work. For historical material these days, competition is fierce for dwindling resources.

The salvage yards are responding in several ways. For one, many of them are jacking up prices for older items (while still not surpassing the costs of reproducing some pieces). Few of them maintain acres upon acres of goods anymore. And most of them no longer restrict themselves to pieces a century old or



middlemen for their goods, and they obtain good selections. Some hints on buying salvage; i.e., how to tell the difference between pieces that can be simply repaired and pieces that are probably not worth the expense and effort -

#### **METALWORK:**

Avoid cracked castings, which often cannot be fixed, as well as very severe rust, bends, or twists. On fencing, be sure the bottom rail is intact; without it, a fence can only be installed in concrete. And consider opting for reproduction tin ceilings and sheet-metal gutters and downspouts instead of antiques; these items tend to suffer hard-to-repair damage no matter how careful the salvager.

#### **BRICK:**

Be prepared to chip mortar off and clean your own brick, or hire someone to clean it. Check references of cleaners, to prevent damage to fragile bricks. And for chimneys, purchase brick that was intended to handle high temperatures.

#### STONEWORK:

Be aware that marble stains are hard to remove, and that stone cracks can be repaired but the repairs will be visible.

#### WOODWORK:

Avoid severe wood splits or cracked tenons, which are difficult to fix. Look for solid corner joints and lack of rot, and do not plan to utilize anything meant for interiors on exteriors.

The sizes of items like doors, windows, shutters, and mantels are difficult to adapt. Doors, for example, can be trimmed by no more than an inch on each side; more dramatic cuts will endanger joints. With fireplaces, try to work with a dealer well versed in firebox codes and sizing.

On shutters, watch for damaged louvers.

#### STAINED GLASS:

Check for bulges, damaged cames and joints, and missing support pieces, all of which can be fixed but for a price. Missing glass can be costly and timeconsuming to match.

#### LIGHTING:

Re-wire all non-restored pieces with up-to-code wires and sockets.

Before buying anything made in Europe, be sure it will be worth the trouble: It is hard to convert foreignmade pieces to American bulbs and wiring.

Gas fixtures can be easily converted to electricity.

Cracked castings are hard to re-cast, but standard sizes have not changed much in lighting. Reproduction parts are plentiful and can be given patinas; they are a problem only if you are seeking uninterrupted historical accuracy. Stay far away from extremely unusual castings that cannot be replaced.

Beware of objects that need replating, a process that can cost more than the ob-

#### BY EVE M. KAHN

ject is worth. To avoid plated items altogether, carry a magnet to the salvage store: It will not be drawn to solid brass, which is problematic only if it is worn thin.

#### **PLUMBING:**

With hardware, beware of pieces that are cracked, need replating, or are missing any parts; and be certain, when buying a faucet for a sink, that the spread fits.

With porcelain fixtures, crazed glazes are not a serious flaw, but cracks are. Try to buy fixtures with original hardware, for better fit and functioning, except for the mechanisms inside toilets, which are simple to replace.

On clawfoot tubs, be sure all feet are intact and that the channels or clips that attach them to the tub are still in good shape.

#### Who's On The Sourcelist

On pages 33 and 34, we provide contact information for 41 salvage purveyors. To find them, we contacted 118 suppliers, and then narrowed the list to companies with either substantial stockpiles or a very unusual smaller selection and repair expertise. In most cases, we restricted ourselves to companies willing to ship.

Some of the suppliers on the SourceList restore everything they sell, some leave most of their wares as is. Some have no qualms about mingling (well-labeled) reproductions with antiques. Some focus on residential-scale items, while others handle mainly commercial pieces. Most are generalists, selling everything from lone glass doorknobs to complete Victorian bars or mounds of Art Deco light fixtures. Others specialize in hardware, lighting, plumbing, or signage, and some specialize in whatever you seek. Eagle Eye Trading and Restoration Treasures, for example, are search services with access to lists of all kinds of architectural parts, nationwide.

Very few of the companies send out brochures. You will probably find it more convenient to call, write, or fax (please mention TRADITIONAL BUILDING), with a description, sketch, or photograph of what you need.\*

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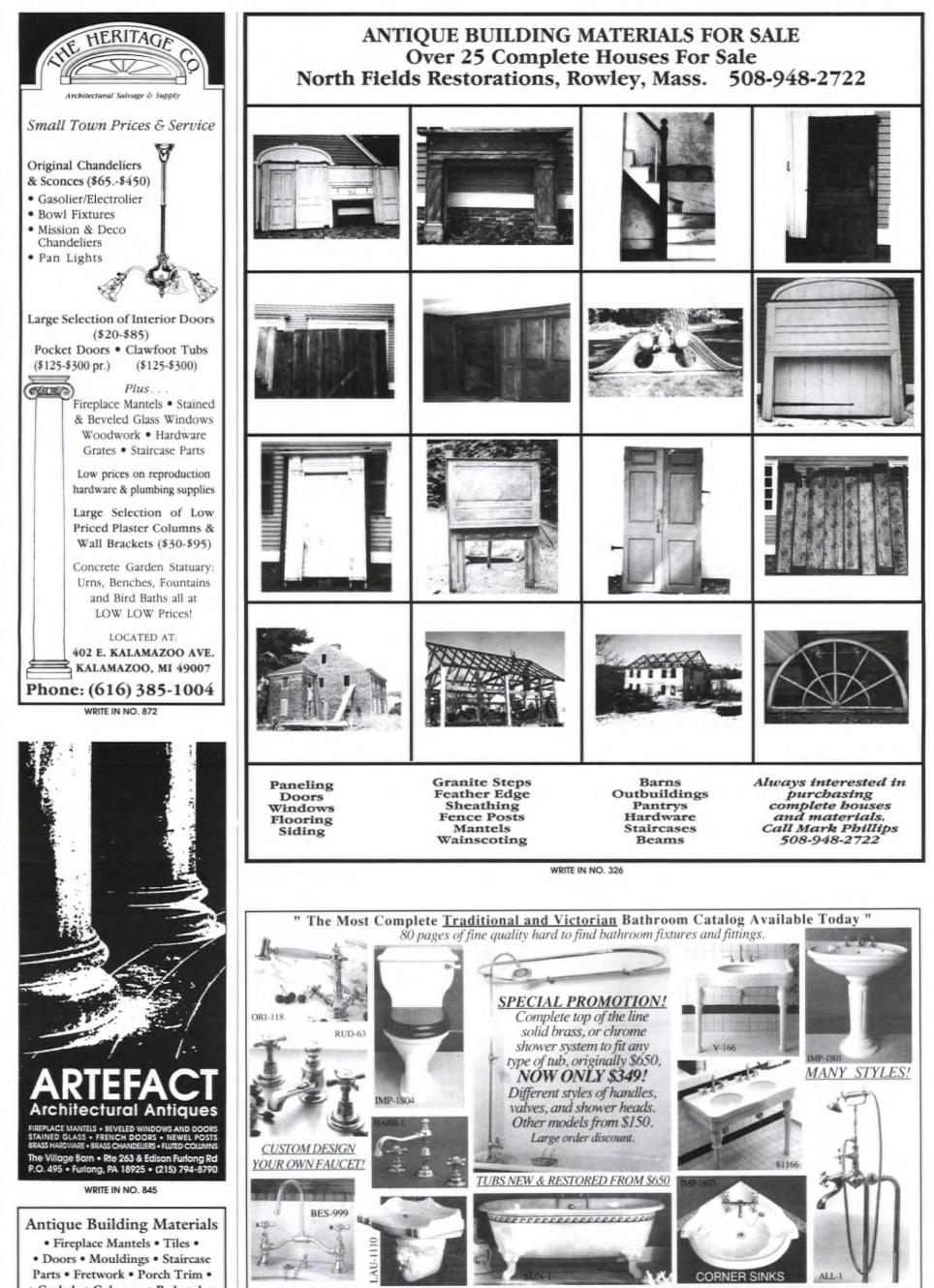
### BUY = SELL = TRADE PHONE: (312) 685-4000

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The Renovation Source 3512 N. Southport Chicago, IL 60657 (312) 327-1250

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WRITE IN NO. 768

■ TRADITIONAL BUILDING

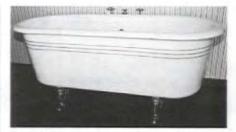
#### ARCHITECTURAL ANTIQUES PORTFOLIO For more information on these companies, consult the *SourceList* on pp. 33 and 34.



THE BRASS KNOB sells brass knobs, from Art Nouveau to Neoclassical, as well as general salvage, from sinks to mantels.



U.S. LIQUIDATION sells many-tentacled chandeliers like the one shown (hands not included), as well as the dramatic arch-top window in the background. Write in No. 885



Embellished legs and gold stripes grace a sidefill tub from VINTAGE PLUMBING. Write in No. 890



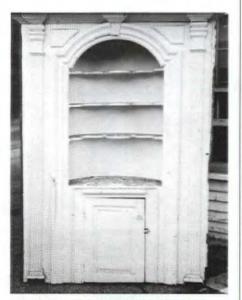
Rare Westinghouse "Gyrating" fan is among the restored wind-blowing devices for sale at THE FAN MAN of Oklahoma.



ARCHITECTURAL ANTIQUES of Oklahoma City sells many styles of doors with stained-glass inserts, including one with a spider-web pattern.



The antique roof tiles for the courthouse in Decatur, Texas, came from TILESEARCH. Write in No. 696





From elegant pier mirrors to functional fences, the stock at SALVAGE ONE also includes embossed Victorian hardware. Write in No. 499



In addition to this c.-1920 unit with woodsy landscape on its bowl, GIB-SON & GIBSON ANTIQUE LIGHT-ING has 1800 other restored vintage lighting fixtures on hand. Write in No. 869



This deep tub is available at OHMEGA SALVAGE, along with dozens of other tubs, sinks, and salvage from doorknobs to marble ornament.



In a 200-year-old barn, ARTEFACT sells elaborately carved Victorian mantels, murals, stained glass, tile, and Art Deco light fixtures. Write in No. 845



An English Victorian stained-glass panel from GOLDEN AGE GLASS-WORKS, a stained-glass workshop which can adapt or repair salvaged pieces as needed. Write in No. 28



THE HERITAGE CO.'s stock ranges from stone lions to fluted wooden columns to stained-glass windows that have lost their glass. Write in No. 872



NORTH FIELDS RESTORATIONS, specialists in 18th- and 19th-c. salvage, rescued this corner cabinet with scallop-edge shelves from a Massachusetts house. Write in No. 326

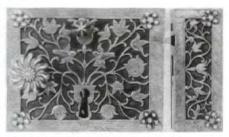


The "socially responsible salvage" at MASON BROTHERS includes ordinary plywood as well as the intricate stained-glass windows shown.

Windows, newel posts, doors, columns, and gingerbread are some of the specialties at ARCHITECTURAL ANTIQUITIES. Write in No. 857



CITY LIGHTS offers a wide variety of restored, antique lighting, including this c.-1870 gas bronze-and-brass fixture with shell-boat arms. Cast architectural ornament is just a tiny part of the inventory carried in the 22,000 sq. ft. of display space at ARCHITECTURAL ANTIQUES in Minneapolis. Write in No. 858



The extensive stockpile of vintage hardware at BALL & BALL contains this c.-1700 cast and chased brass lock with velvet background; even its screw heads are ornamented. Write in No. 293

32 NOVEMBER/DECEMBER 1991

### A TRADITIONAL BUILDING'S SourceList of RCHITECTURAL ANTIQUES

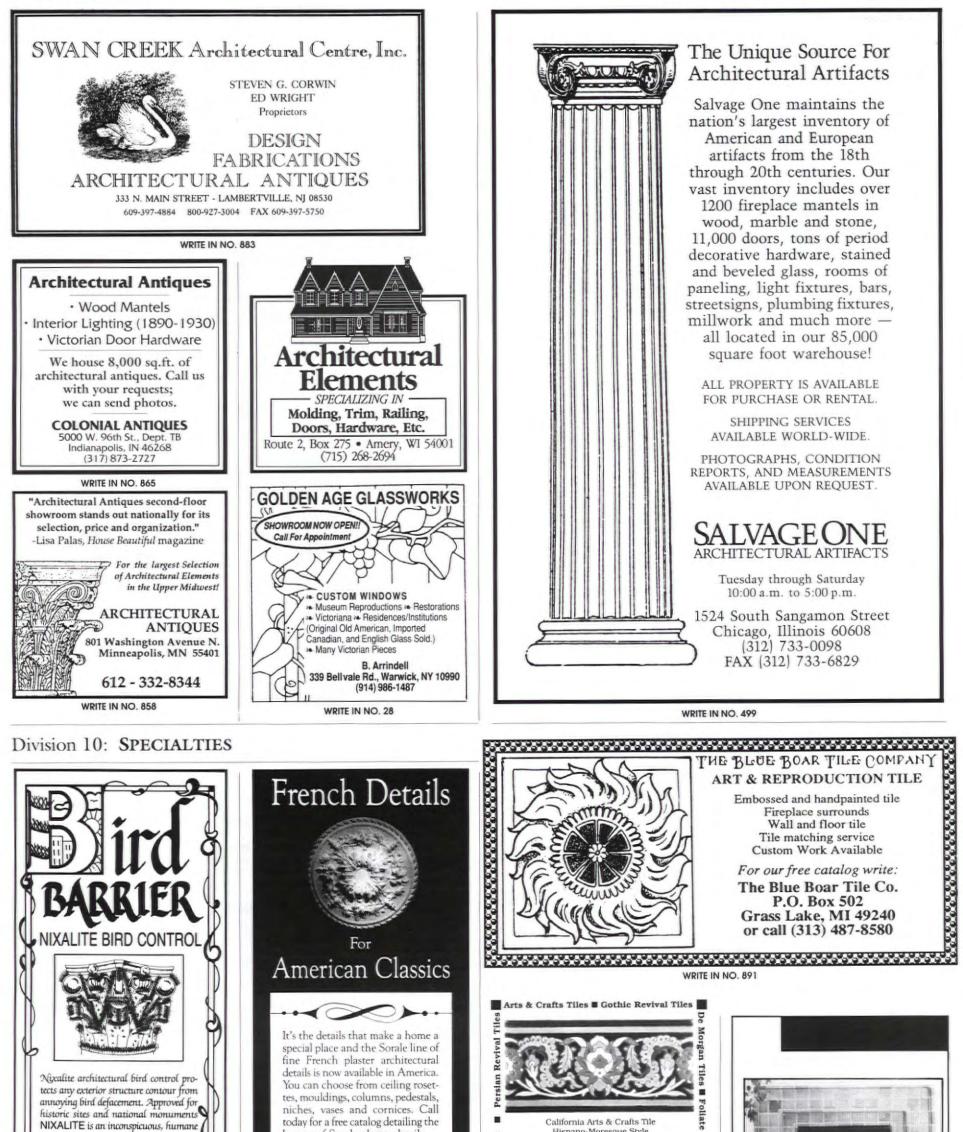
BY EVE M. KAHN						
COMPANY	Literature	Specialty	Sq.Ft. Display Space			
Architectural Antiques 801 Minneapolis Ave., N., Dept. TB Minneapolis, MN 55401 612-332-8344 FAX: Same	Inneapolis Ave., N., Dept. TB Write in No. 858 Missions styles; also plumbing, including pedestal and corner sinks and teapolis, MN 55401					
Architectural Antiques 121 E. Sheridan, Dept. TB Oklahoma City, OK 73104 405-232-0759	None	Salvage of all eras: Mainly mantels, hardware, lighting, columns, plumbing, doors, and stained- glass windows. Recent inventory includes corbels with embossed nymphs or carved gargoyles, 8- globe Victorian chandeliers, and doors with spider-web patterns in leaded glass.	18,000			
Architectural Antiquities Dept. TB Harborside, ME 04642 207-326-4938	Free Photos on request Write in No. 857	Large inventory of refurbished interior/exterior doors, stained glass, and unusual windows. Columns, brackets, and complete line of Victorian plumbing fixtures and accessories. Brass lighting, door hardware, fireplace accessories, and mantels. All original items — primarily Victorian era.	10,000			
Architectural Elements Rt. 2, P.O. Box 275, Dept. TB Amery, WI 54001 715-268-2694	Photos and samples upon re- quest	Mail-order source of woodwork: Molding, flooring, doors, and railings in oak, birch, maple, pine, mahogany, and walnut. Most pieces from the 19th or early 20th centuries.	5,000			
Artefact Architectural Antiques The Village Barn, Rt. 263 and Edison Furlong Rd., P.O. Box 495, Dept. TB Furlong, PA 18925 215-794-8790	Ilage Barn, Rt. 263 and Edison g Rd., P.O. Box 495, Dept. TB g, PA 18925Write in No. 845Newel posts, brackets, mantels, beveled and stained glass, wood grilles, terra-cotta co stone gargoyles, carousel horses, doors, brass hardware, chandeliers, and columns.					
Ball & Ball 463 W. Lincoln Hwy., Dept. TB Exton, PA 19341 215-363-7330 FAX 215-363-7639	Free Write in No. 293	Large line of antique hardware, lighting, fireplace equipment from 18th to 20th centuries. Door locks, slide bolts, window catches, knobs, knockers, hinges, door stops, mail slots, turn bells, bell pulls; lighting ranges from elaborate c1840 chandeliers with cut-ruby glass to simple colonial sconces.	4,200			
Berkeley Architectural Salvage 2741 10th St., Dept. TB Berkeley, CA 94710 415-849-2025	None	Has wide variety of hardware, some of it never used; also doors, windows, paneling, columns, lighting, and some plumbing. No reproductions; concentrates on items made 1880 to 1940 and does some of its own wrecking.	14,000			
Besco Plumbing 729 Atlantic Ave., Dept. TB Boston, MA 02111 617-423-4535 FAX: 617-423-6255	Free Write in No. 768	Reproduction plumbing as well as antiques such as pedestal sinks, high-tank toilets, and unusual faucets and parts. Will replate, enamel, refinish.	2,000			
Bill's Architectural Salvage 600 W. 131st St., Dept. TB New York, NY 10027 212-281-0916	Free Write in No. 887	Salvage for vernacular buildings, mainly taken from Brooklyn rowhouses. Staircases, railings, bars, windows, stained glass, spindles, newels, doors, woodwork, hardware, and plumbing. By appointment only.	2,500			
Bogart Antiques 1392 Old Northern Blvd., Dept. TB Roslyn, NY 11576 516-621-2454	Write in No. 596	Large selection of Victorian furnishings includes about 40 restored chandeliers as well as other lighting, 1820 to 1870. Also accessories and ingrain carpeting.	1000			
Sylvan Brandt 653 Main St., Dept. TB Lititz, PA 17543 717-626-4520 FAX: 717-626-5867	Free Write in No. 395	Salvages old houses, mills, and barns and sells hand-hewn logs, windows, doors, hardware, and flooring. Most items are pre-1840 and utilitarian; decorative pieces do appear occasionally.	4,500			
The Brass Knob 2311 18th St., N.W., Dept. TB Washington, DC 20009 202-332-3370	Free	No reproductions in this collection of lighting, mantels, sinks, fireplace accessories, stained and otherwise decorative glass, tiles, ornamental iron, carved stone, columns, capitals, plumbing, including clawfoot tubs and pedestal sinks. Victoriana a specialty.	2,500			
Brass 'n Bounty 68 Front St., Dept. TB Marblehead, MA 01945 617-631-3864	Free	Has large selection of vintage lighting, including gas, electric, and combinations. Also marine anti- ques: Telescopes, wheels with inlaid patterns, clocks, compasses, lighting, paneling, and some furniture.	600			
City Lights 2226 Massachusetts Ave., Dept. TB Cambridge, MA 02140 617-547-1490	Send \$5 for catalog	Lighting from 1850 to 1930, with focus on 1870 to 1880; all electrified and restored. Over 500 ir stock ceiling fixtures, sconces, and lamps. Wide variety of finishes ranges from wrought iron to gold plate.				
Colonial Antiques 5000 W. 96th St., Dept. TB Indianapolis, IN 46268 317-873-2727	Write in No. 865	Salvage source has large selection of lighting; also hardware, mantels, doors, ironwork, garden or- nament, leaded and stained glass. Some restored, most as is; very few reproductions. Mission, Arts & Crafts, and Art Deco are specialties.	7,000			
Details 783 Magellan Way, Dept. TB Napa, CA 94559 707-226-9443 FAX: 707-226-9410	Send \$5 for catalog	5 for Large selection of unusual salvage, such as cobblestones from San Francisco streets, planks from docks, and roof tiles from c1900 Vermont schoolhouse; also doors, windows, flooring, beams, and brick.				

226-9443 FAX: 707-226-9410					
Free	State, regional, or national searches for salvage; can find anything from a set of crystal drops for a chandelier to entire marble staircases or paneled rooms; has also looked for lighting, plumbing, bars, ironwork, homes, and barns. Information sent within 48 hours.	NA			
Free	One-man fan restoration and sales outfit. Can install lights and otherwise customize old fans; usually has a dozen on hand, and will ship anywhere. Popular models include the LaVelle Folding Fan (its blades retracted when not in use) and the Emerson "Smoothie," considered high tech when introduced in the 1930's.	NA			
Send \$2 for brochure	Has about 700 fans on display, some of them as part of American Fan Museum and others for sale; also repairs, rebuilds. Also offers desk fans, especially those with brass blades.	4,000			
Gibson & Gibson Antique Lighting 80 Mace St., #C-9, Dept. TB hula Vista, CA 91911 19-422-2447Write in No. 869Lighting from 1800 to 1930, including sconces, chandeliers, and table and floor lamp 		1,200			
Free Write in No. 28	Stained-glass artisan who also has large stock of antique, fully restored stained glass. Over 200 pieces on hand, including doors, windows, and window sets from the 1870's to the 1930's. American, English, and Canadian; will rework as necessary, to fit available openings.	700			
	Free Send \$2 for brochure <i>Write in No. 869</i> Free	a chandelier to entire marble staircases or paneled rooms; has also looked for lighting, plumbing, bars, ironwork, homes, and barns. Information sent within 48 hours.FreeOne-man fan restoration and sales outfit. Can install lights and otherwise customize old fans; usually has a dozen on hand, and will ship anywhere. Popular models include the LaVelle Folding Fan (its blades retracted when not in use) and the Emerson "Smoothie," considered high tech when introduced in the 1930's.Send \$2 for brochureHas about 700 fans on display, some of them as part of American Fan Museum and others for sale; also repairs, rebuilds. Also offers desk fans, especially those with brass blades.Write in No. 869Lighting from 1800 to 1930, including sconces, chandeliers, and table and floor lamps. Will repair, polish, replate, convert gas to electricity, and create custom reproductions. Has thousands of parts on hand as well as antique bulbs.Free Write in No. 28Stained-glass artisan who also has large stock of antique, fully restored stained glass. Over 200 pieces on hand, including doors, windows, and window sets from the 1870's to the 1930's.			

continued on page 34

### A TRADITIONAL BUILDING'S SourceList of RCHITECTURAL ANTIQUES

COMPANY	NY Literature Specialty					
Greg Davidson's Vintage Lighting 12005 Wilshire Blvd., Dept. TB Los Angeles, CA 90025 213-478-5475	Wilshire Blvd., Dept. TB some commercial, some unrestored. Search service available.					
Heritage Co. 402 E. Kalamazoo Ave., Dept. TB Kalamazoo, MI 49007 616-385-1004	Write in No. 872	Specializes in lighting, including gas and electric Victorian models; has large selection of shade Also doors, especially 4 and 5 panel; stained glass, hardware, columns, porch rails, newel pos floor grates, staircases, bars, and fireplace mantels.				
Hexagram Antiques 2247 Rohnerville Rd., Dept. TB Fortuna, CA 95540 707-443-4334	None	Has 30 to 40 antique lighting fixtures on hand, Victorian to 1950's with emphasis on c. 1900. A few gas fixtures and gas and electric. All restored; some shades, but no parts. Will restore and do custom reproductions.	1,000			
Irreplaceable Artifacts 14 Second Ave., Dept. TB New York, NY 10003 212-777-2900 FAX: 212-777-4112	Send \$4 for newsletter/catalog	Purveyor of "architectural art" from around the world: Mostly higher quality, architect-designed pieces by Wright, White, Pope, Sullivan, and the like. Terra cotta, limestone, grilles, grates, doors, garden ornament, bathtubs and sinks, paneled rooms, up to 400 high-style mantels on hand in various materials.	72,000			
Leonard Antique Hardware 509 Tangle Dr., Dept. TB Jamestown, NC 27282 919-454-3583	Send \$2 for photos and price list	Antique hardware selection contains latches, hinges, slide bolts, hooks; also fireplace equipment, including cranes, trammels, pots, kettle tilters, andirons, and warmers.	NA			
Mac the Antique Plumber 885 57th St., Dept. TB Sacramento, CA 95819 916-454-4507 FAX: 916-454-4150	Photos for specific requests Write in No. 813	Plumbing experts offer large selection of reproduction parts and fixtures as well as restored anti- ques such as faucets, pedestal sinks, and tubs, including embossed, sidefill, clawfoot styles. Will repair and ship nationwide.	4,500			
Mason Brothers Salvage 11 Maple St., Dept. TB Essex Junction, VT 05452 802-879-4221	Free	"Socially responsible salvage": Everything from copper-topped barn cupolas, solid ash Victorian staircases, and 10-fttall Palladian windows to plastic stained-glass windows rescued from a McDonald's that remodeled. Numerous windows, doors, sinks of all eras, beams, and hardware.	7,500			
Metropolitan Artifacts 1783 Peachtree Rd., Dept. TB Atlanta, GA 30341 104-986-0007 FAX: 404-457-8670	Send \$25 (refun- dable) for video	"Only the unusual": Lighting, especially chandeliers, from 1880 to 1930; hardware; ironwork, in- cluding fences, gates, staircases; clawfoot tubs, pedestal sinks, plumbing accessories; doors, mantels in wood, marble, stone, and iron; stained glass, garden ornament, entryways, and street lamps.	25,000			
North Fields Restorations P.O. Box 741, Dept. TB Rowley, MA 01969 508-948-2722	Write in No. 326	Specializes in 18th- and 19th-c. salvage, including beams, wood and marble mantels, interior and exterior doors, flooring, paneling, brick, granite stepping and foundation stones, hardware, win- dow glass, sash, plumbing, lighting, garden ornament, fencing, and trellis. Also complete houses, barns, and outbuildings.	8,000			
Dhmega Salvage 2407 San Pablo Ave., Dept. TB Berkeley, CA 94702 215-843-7368	Free	Large selection of mostly residential salvage includes 100 sinks; tubs, including sitz baths, sidefill, and pedestal tubs; doors, windows, mantels, ironwork, stained glass, marble, glass blocks, light- ng, and hardware.				
Rare & Beautiful Things P.O. Box 6180, Dept. TB Annapolis, MD 21401 801-263-2357	Free	American antique lighting, primarily 1880 to 1930, including chandeliers, sconces, and table and floor lamps. Available restored or as is. Proprietor also consults on antique lighting: What can be saved or repaired, what should be replaced.				
Renovation Source 512 N. Southport Ave., Dept. TB Chicago, IL 60657 512-327-1250	Free Write in No. 882	xtensive stock of mantels, doors, hardware, bath fixtures, exterior corbels, columns, casings, aseboards, fretwork, stained and beveled glass, shutters, tiles, and c1900 lighting. Some aproductions.				
Ricca's Architectural Sales 511 N. Solomon St., Dept. TB New Orleans, LA 70119 504-488-5524 5AX: 504-488-5662 after 5 p.m.	None	Specializes in stained and beveled glass, light fixtures from the 18th century to present; hardware, shutters, interior and exterior doors, and old vending machines. Some reproductions.	10,000			
Salvage One 524 S. Sangamon St., Dept. TB Chicago, IL 60608 12-733-0098 FAX: 312-733-6829	Free Write in No. 499	Stock includes 11,000 interior and exterior doors and 1200 half or full mantels, dating from the 18th through 20th centuries, in wood, marble, iron, and slate. Also stained and beveled glass, moldings, terra cotta, paneling, stairs, cast iron, columns, pier mirrors, hardware, and fences.	85,000			
Swan Creek Architectural Centre 33 N. Main St., Dept. TB .ambertville, NJ 08530 09-397-4884 or 800-927-3004 FAX: 609-397-5750	Write in No. 883	Former industrial space now full of garden ornament, paneling, bathroom fixtures, mantels, iron- work, stonework, columns, doors, hardware, windows, pre-1900 lighting, and hardware.	12,500			
TileSearch 16 James St., P.O. Box 580, Dept. TB Roanoke, TX 76262 17-491-2444 FAX: 817-491-2457	Free Write in No. 696	19th- and 20th-c. roof tile and slate in any color, any profile, any manufacturer desired. Can match existing pieces with new or old pieces and can get new roofing that looks old.	1 acre			
Jrban Archaeology 85 Lafayette St., Dept. TB New York, NY 10012 12-431-6969 212-941-1918	Photos upon re- quest	Commercial and residential salvage: Terra-cotta and cast-iron parts, hardware (some unused), tiles, bars, stairs, paneling, store showcases, garden statuary, mantels, and some stained glass. Lighting selection focuses on 1880 to 1950; also clawfoot tubs, plumbing fittings, medicine cabinets, and bath accessories.	54,000			
U.S. Liquidation 801 N. Milwaukee Ave., Dept. TB Chicago, IL 60641 12-685-4000 FAX: 312-685-8378	Free Write in No. 885	smantles buildings and sells everything from plywood and I beams to doors, sinks, light fixtures, diators, hardwood flooring, glass blocks, iron ornament, and unusual windows and doors.				
/al's Antique Baths & Antiques O. Box 74, Dept. TB Dakley, CA 94561 15-625-4878	None	umbing stock includes pull-chain and embossed toilets, clawfoot tubs, pedestal sinks, ribcage owers, sitz baths, foot baths, and sidefill and embossed tubs. Also mantels.				
/intage Plumbing 645 Sylvia Ave., Dept. TB lorthridge, CA 91324 18-772-1721	Photos for specific requests Write in No. 890	890-1925 American bathroom fixtures, as found or restored, especially Victorian and Deco. Un- sual pedestal sinks, ornamented marble sinks, plain and embossed pull-chain toilets, ribcage and other showers, sidefill and other tubs, valves, washers, other parts. Will repair and replicate arts and fixtures, has library of plumbingiana for research and consultation. Ships nationwide.				
Vooden Nickel Arch. Antiques 400-1414 Central Pkwy., Dept. TB Cincinnati, OH 45210 13-241-2085 FAX: 513-241-0842	Photos upon re- quest	Salvager that does some demolishing. Stock includes beveled and stained glass, store fixtures, back and front bars, limestone columns, iron fencing, gates, iron griffins, terra-cotta capitals, banisters, newel posts, cupolas, mantels in wood, marble, and metal; also large Victorian furniture, such as bookcases, mirrors, and sideboards. Hardware: Locks, hinges, window weights.	One bloc square			





Hispano-Moresque Style

■ TRADITIONAL BUILDING

TRADITIONAL BUILDING

special report:



Division 10 **SPECIALTIES** 

# THE FIRE WITHIN

vireplaces continue to be a major selling point with property owners of all stripes. Here's a survey of some of the latest offerings for fitting up a well-appointed traditional hearth.

BY EVE M. KAHN

CHIMNEYS	•				36, 38
FIREPLACES					38, 40
MANTELS .	•	•	•		40, 42
TILES	•	•	•		44
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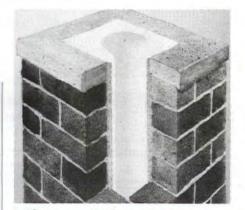
### • CHIMNEYS •



 Cast-iron clean-out door, from Copperfield Chimney Supply, measures 10-1/4 in. by 10-1/8 in. (outside dimensions). Door gives an access hole of 8 in. by 8 in. when installed. Company's 100-page catalog also con-tains fireplace doors and screens, tools for studying chimney and itime. for studying chimney condition, chimney lining and insulating materials, mortar, cement, creosote remover, chimney tops and caps, stove pipe and com-ponents, gas logs, and a selection of dampers. Copperfield Chimney Sup-ply, P.O. Box 664, Dept. TB, Fairfield, IA 52556 (800) 437-6685 ex. 700.

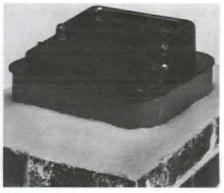


• Spiral chimney top in four sizes, from 14-3/4 to 25 in. W. Manufacturer produces 8 top styles in all; also clay flue lining and fire brick in a range of sizes, colors, and textures. H. C. Mud-dox, 4875 Bradshaw Rd., Dept. TB, Sacramento, CA 95827 (916) 362-1171



Fireplaces, Chimneys, Mantels, & Tiles

 Ahrens cast-in-place, continuous cementitious liner system strengthens and restores existing chimneys. The tem is UL-listed for use with all fuels The sysand is tested to 2100 degrees F. The company also offers a ceramic liner sys-tem. Ahrens Chimney Technique, 2000 Industrial Ave., Dept. TB, Sioux Falls, SD 57104 (800) 843-4417. Write in No. 244.

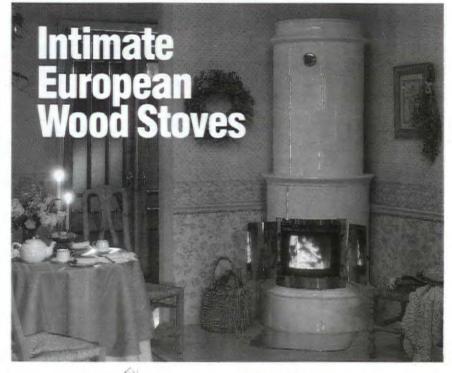


• Top-sealing, cast-aluminum fireplace damper that mounts on chimney tops. Seals in heat and air conditioning, seals out water, birds, and insects. Can be used with new or existing fireplaces re-quiring 9 x 13, 13 x 13, 13 x 18, or 17 x 17 in. flue liners or smaller. Lyemance In-ternational, P.O. Box 505, Dept. TB, Jeffersonville, IN 47131 (812) 288-9953. Write in No. 512

continued on page 38

# $F \cdot I \cdot R \cdot E \cdot B \cdot A \cdot C \cdot K \cdot S$ Classic fireplace protection yields construction benefits







Decorative, cast iron firebacks have been used for over 200 years, partly to radiate heat, but primarily to protect the rear walls of fireplaces from heat damage. Today, that protection also lets you upgrade quality with alternatives to common yellow refractory brick, e.g., white plaster, old paving brick and stones.

The Country Iron Foundry offers the largest selection of firebacks

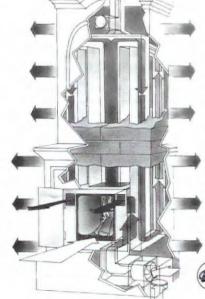
in the nation. Whether replicas of antiques or of contemporary design, all are meticulously handcrafted. They truly make the fireplace a room's focal point.

A request on your letterbead brings you our 24-page catalog of 32 antique and contemporary designs.

Dept. T111, P.O. Box 600, Paoli, PA 19301.

WRITE IN NO. 176





burns wood or natural gas far more cleanly and efficiently than a conventional fireplace or wood stove. Surrounded by handcrafted Swedish ceramic tile, its twenty four feet of flues wind through 3500 pounds of ceramic mass to accumulate the fire's heat. The entire body then radiates soft, comfortable warmth for many hours after the fire is out. It is never too hot to touch.

These durable wood stoves will make an elegant addition to-and a valuable investment in-your fine home or business establishment. They are available in a variety of contemporary and traditional styles and colors. Call 1-800-373-2042 for free color brochure.



WRITE IN NO. 566

36 ■ NOVEMBER/DECEMBER 1991

■ TRADITIONAL BUILDING

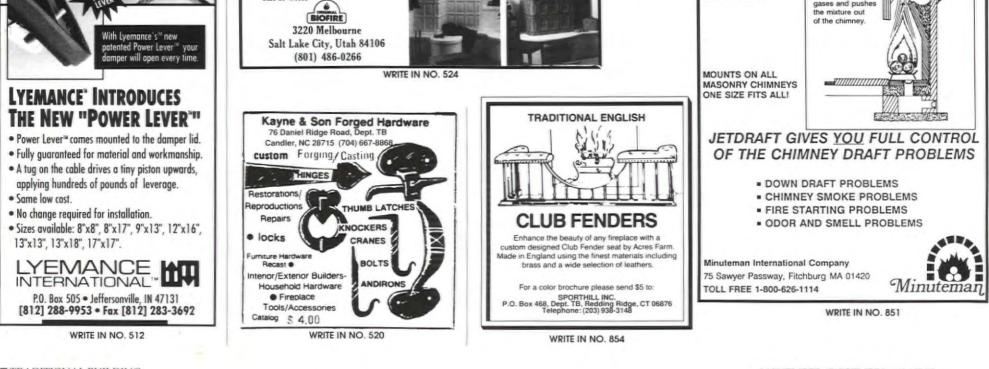
DIVISION 10 - SPECIALTIES



call or write

.





■ TRADITIONAL BUILDING

NOVEMBER/DECEMBER 1991 37

How it works

High velocity jet air pulls up flue

NEW!

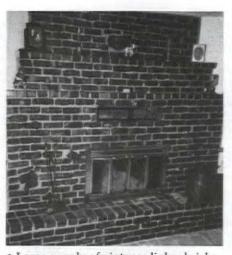
MINUTEMAN

FROM

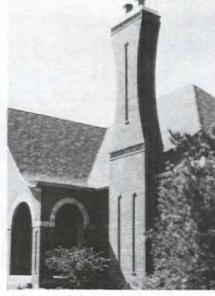
DIVISION 10 - SPECIALTIES

CHIMNEYS, continued from p.36

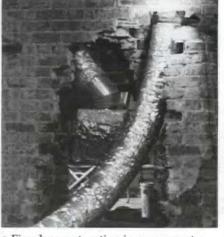
TRADITIONAL BUILDING



• Large supply of vintage clinker bricks (once considered too irregular for construction), which are now valued for their variations in shape, texture, and color. Above: 2-tier mantel made of clinker brick with a raised hearth. The Brickyord, P.O Box A, Dept. TB, Harrisonville, MO 64701 (816) 887-3366. Write in No. 396



• General Shale's bricks form a sweeping chimney stack. One of the country's largest brick manufacturers, the company offers dozens of colors and shapes. Their fireplace bricks can be 8 or 9 in. W; their lightweight masonry chimney liners range from thimble units to 12-1/2 x 17-1/2 in. General Shale, P.O. Box 3547 CRS, Dept. TB, Johnson City, TN 37602 (615) 282-4661.



• Fireplace restoration in progress at a 100-year-old home. Chimney and fireplace fittings include top-mounting chimney fan that increases draft while using less energy than a light bulb; chimney liners, dampers, and Super Vent retrofits for masonry or metal fireplaces. Sleepy Hollow Chimney Supply, 85 Emjgy Blvd., Dept. TB, Brentwood, NY 11717 (516) 231-2333. Write in No. 569



• Two types of chimney lining: Supaflu, a cast-in-place cementitious system, suits residential, commercial, or industrial buildings (shown); Supa-t-liner, a pre-cast refractory lining and insulating infill, suits new construction or retrofit. Also Supa-block, a modular chimney system with flue lining and exterior casing a single unit. National Supaflu Systems, Industrial Park, P.O. Box 89, Dept. TB, Walton, NY 13856 (607) 865-7636. Write in No. 164

## FIREPLACES & ACCESSORIES



• Realistic gas logs provide warmth and come in kit form. Company also manufactures a wide variety of fireplaces with round or square backs, some zeroclearance — and all requiring company's own flue system. Fireplace Manufacturers Inc., 2701 S. Harbor Blvd., Dept. TB, Santa Ana, CA 92704 (714) 549-7782.



• Graceful twisted andirons. Iron forge also sells pokers, forks, crane brackets, tool stands and racks, shovels, brushes, tongs, screens, fire dogs, spits, drying racks, Dutch-oven doors, trivets, and other utensils and accessories — plus other types of forged-iron hardware. Kayne & Son, 76 Daniel Ridge Rd., Dept. TB, Candler, NC 28715 (704) 667-8868. Write in No. 520



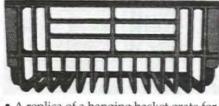
Solid brass fireplace inserts with embossed ornament from a company that also supplies a wide range of pre-cast plaster ornament. Aristocast, 6200 Highlands
 Parkway SE, Suite I, Highlands Park, Dept. TB, Smyrna, GA 30082 (404) 333-9934.







• Selection of brass accessories includes tools, grates, screens, and fenders. Also Real-Fyre gas log sets from 12 to 60 in. L. Robert H. Peterson Co., 530 Baldwin Park Blvd., Dept. TB, City of Industry, CA 91746 (818) 369-5085.



• A replica of a hanging basket grate for coal fireplaces. They fit 12- to 24-in. openings in 3 styles: Square or rounded profile, or ornate design across the front. Hearth Realities, P.O. Box 38093, Dept. TB, Atlanta, GA 30334 (404) 377-6852.





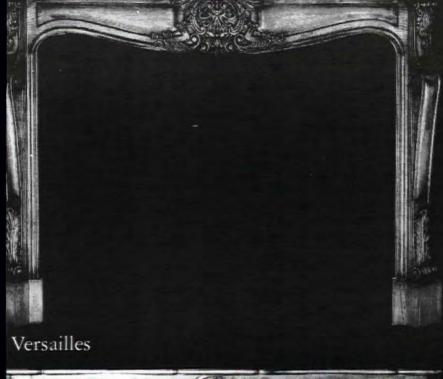
• Imported English club fenders with or without seats are available in brass, steel, copper, and mahogany. Typical widths range from 4 to 8 ft.; heights from 6 to 24 in. Custom bases and upholstery are available. **Sporthill** Enterprises, P.O. Box 468, Dept. TB, Redding Ridge, CT 06876 (203) 938-3148. Write in No. 854 • Floral Panels fireback with embossed floral design copied from an original in a Boston home: 24-3/4 in. W x 29-1/2 in. H with side panels 14-5/8 in. W x 29-1/2 in. H. Rest of company's line includes firebacks depicting landscapes, urns, eagles, or stars as well as grates and support systems for firebacks. **Pennsylvania Firebacks, 308 Elm Ave. Dept. TB, North Wales, PA 19454** (215) 699-0805. Write in No. 565



• HearthLight fireplace system supplants log grates; enables wood to burn more efficiently. Decorative cast-iron front panel; back and sides are refractory, and steel pan doubles as a removable ash pan. Company also supplies Ventinox stainless-steel chimney lining system and TherMix insulation, to fill gap between liner and chimney wall. **ProTech Systems, 26 Gansevoort St., Dept. TB, Albany, NY 12202 (518) 463-7284**. Write in No. 206

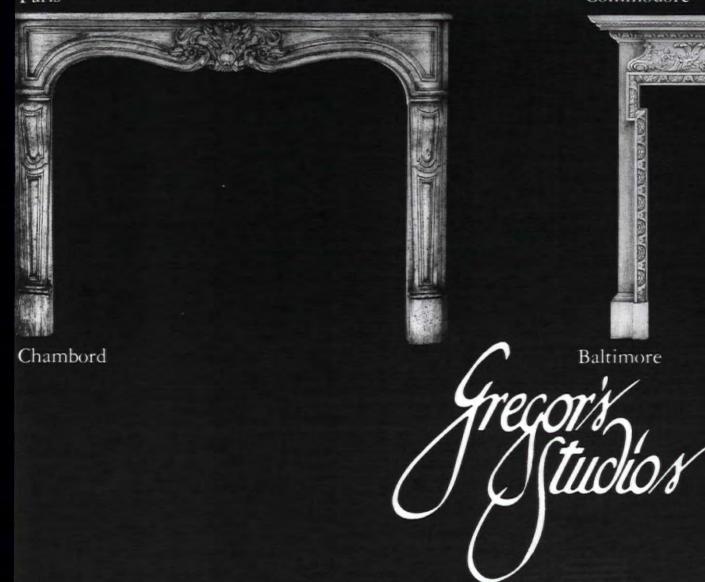
• Firebacks can be leaned against firebox wall, bolted to box, or freestanding with Country Iron's support set. Wide range of historic patterns includes this sidesaddle rider (based on c.-1750 French original; 20 in. W x 25 in. H); other patterns date as far back as the 1500's. Country Iron Foundry, P.O. Box 600, Dept. TB, Paoli, PA 19301 (215) 296-7122. Write in No. 176

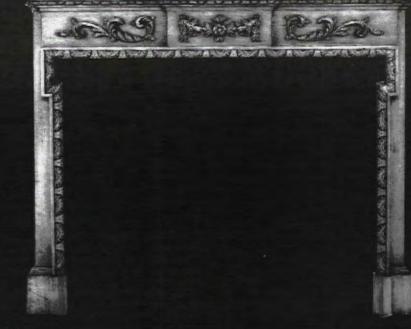
continued on page 40





Paris





Bloomington



## Commodore



## Hand Carved Mantels & Architectural Pieces In The Best 18th Century Tradition...

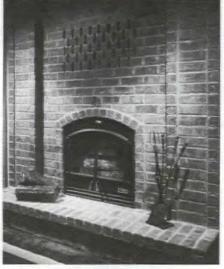
Forty styles - both French & English - with matching trumeaux, paneling & doors are stocked in standard sizes and woods.

Custom designs, dimensions, woods & finishes available to your specifications.

1611 Dragon St., SA7 Dallas, TX 75207, FAX (214) 748-4864, (214) 744-3385 - Catalogue request \$12.00

TRADITIONAL BUILDING

FIREPLACES, continued from p. 38



• Model 231 zero-clearance wood fireplace can produce 65,000 BTU's, requires no footings, and can be finished with any material desired, including masonry or wood. Company also makes masonry fireplace boxes and gas fireplaces. Kozy Heat, P.O. Box 803, Dept. TB, Lakefield, MN 56150 (800) 253-4904.

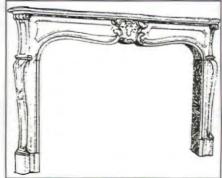


• Masonry wood-burning heater with tile-and-stucco skin. Doors can be iron, brass, or gold; units can be corner, freestanding, or wall; tops can be domed or flat. Dealers nationwide; will consult. **Biofire, 3220 Melbourne, Dept. TB, Salt Lake City, UT 84106 (801) 486-0266.** Write in No. 524



• MANTELS •

• Verde acceglio marble fireplace with projected keystone and raised hearth, all cut to fit custom woodwork. Company supplies mantels in paint- or staingrade wood and in over 20 colors of cultured or natural marble, granite, or slate. They can insure fit and meet fire codes. Installation and free telephone consultations. ADI Corporction, 12063 Nebel St., Dept. TB, Rockville, MD 20852 (301) 468-6856. Write in No. 856



• Six styles of plaster French and Federal mantels include Louis, with opening 61-1/2 in. W x 43 in. H. Also handcarved stone mantels from Mexico and an extensive line of plaster Sorale ornament imported from France. Nostalgia, 307 Stiles Ave., Dept. TB, Savannah, GA 31401 (912) 234-5746 or (800) 874-0015. Write in No. 743



• Gas fireplace Golden Flame 4000GDV takes up 9 sq.ft. of floor space: 44 in. deep, 62-1/4 in. W, 44 in. H. Vented directly out of unit's back, so Classic Corner Surround mantel can be used for storage. Heat-N-Glo Fireplace Products, 6665 W. Highway 13, Dept. TB, Savage, MN 55378 (612) 890-8367. Write in No. 871





• Thermo-Rite builds glass fireplace enclosures in choice of 6 finishes. Shown is Model T in polished brass with filigree trim and two coats of baked-on lacquer. Company also offers fireplace inserts, gas logs, fire grates, tools, and accessories. **Thermo-Rite** Manufacturing, P.O. Box 1108, Dept. **TB, Akron, OH 44309 (800) 321-0313**. Write in No. 523



• PicturePerfect 400 series fireplace enclosure resembles a simple, Victorian cast-iron surround. Available in beige, charcoal, and brown. Company also produces screen/glass door combinations, most with flat tops and brass trim, and a top-sealing chimney damper in stock and custom sizes. Minuteman International, 75 Sawyer Passway, Dept. TB, Fitchburg, MA 01420 (508) 343-7475. Write in No. 851



• Carved mantels, mainly in Georgian styles, including Heyford (shown), with a 40-1/2 H x 42 in. W opening. Company also sells custom, antique, marble, cast-stone, and surface-mounting mantels; firebacks, inserts, gas logs, fire grates, tools, and fenders. Hallidays America, P.O. Box 731, Dept. TB, Sparta, NJ 07871 (201) 729-8876.





• European-made masonry stoves can be clad with stucco or tiles. Cylindrical or boxy models available, measuring about 7-1/2 ft. H and 35 in. W with brass doors. Shown is Manor, Model 203-0, in tile. Royal Crown European Fireplaces, 333 E. State St., Ste. 206, Dept. TB, Rockford, IL 61104 (800) 373-2042. Write in No. 566



• Company designs and builds Rumford fireplaces, the shallow, heat-reflective units developed by Count Rumford in the 1790's. Supplies parts, plans, and consultations. Shown is a Rumford cooking fireplace with working bread oven. Buckley Rumford Fireplace Co., P.O. Box 21131, Dept. TB, Columbus, OH 43221 (614) 486-1725. Write in No. 553 • French Renaissance mantel with applied castings up to 1-1/2 in. deep, in primed pine, poplar, or other woods. 5 other stock mantel styles; also molding, medallions, glass or fiberglass domes, and other ornament. Worthington Group, P.O. Box 53101, Dept. TB, Atlanta, GA 30355 (800) 872-1608.

• Mantels in composition, marble, steel, brass, chrome, cast stone, cast iron, slate, and (shown) wood. Also antique units, firebacks, fireplace inserts, gas logs, fire grates, tools, accessories, and hearths. Droper & Droper, Ltd., 200 Lexington Ave., Dept. TB, New York, NY 10016 (212) 679-0547. Write in No. 533

continued on page 42

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■ TRADITIONAL BUILDING

DIVISION 10 - SPECIALTIES



## **Build With Pieces of History**



Now available in very limited quantities - authentic, decades-old, unused clinker brick. Due to changes in brick manufacture, when these are gone there won't be any more. Write for free literature or send \$10 for price list, color photos, and sample brick. We do Custom Brick Engraving.

### The Brickyard P.O. Box A Harrisonville, MO 64701

WRITE IN NO. 396

 LARGER SIZES AVAILABLE 20 MODELS IN STOCK

HYDE PARK Fine Art of Houldings, Inc.

29-16 40th Avenue, Long Island City, N.Y. 11101 (718) 706-0504 • FAX (718) 706-0507

WRITE IN NO. 736

TRADITIONAL BUILDING

NOVEMBER/DECEMBER 1991 41

MANTELS, contined from p. 40



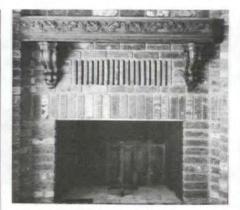
• Mantel and matching paneling in Colonial style; company also offers Georgian and Victorian patterns. Wood types are oak, poplar, or as specified. New Jersey Hardwoods, 1340 W. Front St., Dept. TB, Plainfield, NJ 07063 (908) 754-0990. Write in No. 878



• Louis mantel, one of a half-dozen plaster surrounds, is 56-1/2 in. W and 46 in. H overall. Manufacturer also sells cornices, medallions, moldings, mantels, niches, arches, columns, pilasters, balusters, corbels, and custom designs. Hyde Park, 29-16 40th Ave., Depf. TB, Long Island City, NY 11101 (718) 706-0504. Write in No. 736



• Stock and custom mantels in antique oak, antique chestnut, and antique resawn longleaf heart pine. Also flooring, molding, paneling, and other woodwork. Mountain Lumber Co., P.O. Box 289, Rt. 606, Dept. TB, Ruckersville, VA 22968 (800) 445-2671 or (804) 985-3646.



• For mantels, company supplies carved moldings, inlays, and corbels as well as complete units in maple or oak, with most items kept in stock. Shown is a mantel shelf with carved grape vines. Olde World Designs, P.O. Box 21467, Dept. TB, Wichita, KS 67208 (316) 683-1051.



• Rough-cut marble creates a rustic fireplace with raised hearth. Company provides granite and marble, in wide range of hues and textures — including highly polished. Gawet Marble & Granite, Dept. TB, Center Rutland, VT 05736 (800) 323-6398 or (802) 773-8868. Write in No. 868

Stock Victorian mantel comes in mahogany or paint-grade wood and has

mahogany or paint-grade wood and has a 48 in. W and 37 in. H opening. Company also specializes in doors, from plain interior 4-panels to triptychs for entrances. Fineman Doors, 5436 Van Nuys Blvd., Dept. TB, Van Nuys, CA 91401 (818) 990-3667.

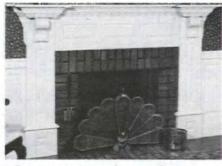




• Concord mantel, available in pine, heart pine, oak, cherry, walnut, and mahogany, has an opening 51-1/2 or 57-1/2 in. W x 37-1/2 or 39-1/2 in. H. 5 other designs and a mantel shelf are offered. **Piedmont Mantel & Millwork**, **4320 Interstate Dr., Dept. TB, Macon, GA 31210 (912) 477-7536**. Write in No. 880



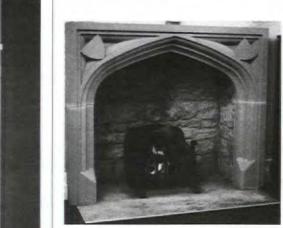
• 40 mantel designs include Paris and matching trumeau mirror; opening can measure from 48 x 38 in. to 72 x 46 in. Pieces are stocked in pine or poplar; custom work available. Matching paneling and doors can also be supplied, along with cabinetry. Gregor's Studios, 1611 Dragon St., Dept. TB, Dallas, TX 75207 (214) 744-3385.



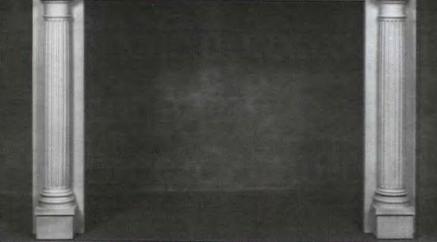
• Paint- or stain-grade mantels in poplar, oak, cherry, walnut, or mahogany; shown is Model 337HW, with an opening 50 in. W x 39-1/4 in. H. Can be modified in all directions and can come with carving, but cannot wrap projecting chimneys. Company also supplies millwork. Sunshine Architectural Woodworks, 2169 Sunshine Dr., Dept. TB, Fayetteville, AR 72703 (501) 521-4329. Write in No. 541



• Line of noncombustible plaster mantels includes the Santa Fe model (shown is corner detail), which measures 76 in. H and 56-1/4 in. W and suits an opening 36 to 49 in. W and maximum 42-3/4 in. H. Georgian, Victorian, and Colonial stock designs also available, as is custom work. Castings, Inc., 151 Dekalb Industrial Way, Dept. TB, Decatur, GA 30030-2201 (404) 371-8108.







\*

• Mantels in wood with stock designs including Hollander, shown with optional Greek frieze. Custom work available, in any species of wood, including mahogany, cherry, oak, and walnut; also marble, metal or burl inlays, and hand carving. Maizefield Mantels, P.O. Box 336, Dept. TB, Port Townsend, WA 98368 (206) 385-6789. Write in No. 538

• Manufacturer of stone garden ornament also offers two cast-stone mantel styles: Louis XV and (shown) Tudor. Corner shields can contain rose and thistle; opening is 44 in. W x 40-3/4 in. Haddonstone (USA), Ltd., 201 Heller PL, Interstate Business Park, Dept. TB, Bellmawr, NJ 08031 (609) 931-7011. Write in No. 847



• FRG or cast-stone mantels in plain and ornate styles include the Louis Aquitaine, which comes with a molded wood grain. Also simple moldings for chimney caps. **Stromberg's Architectural Stone**, P.O. Box 8083, Dept. TB, Greenville, TX 75401 (903) 454-0904.

continued on page 44

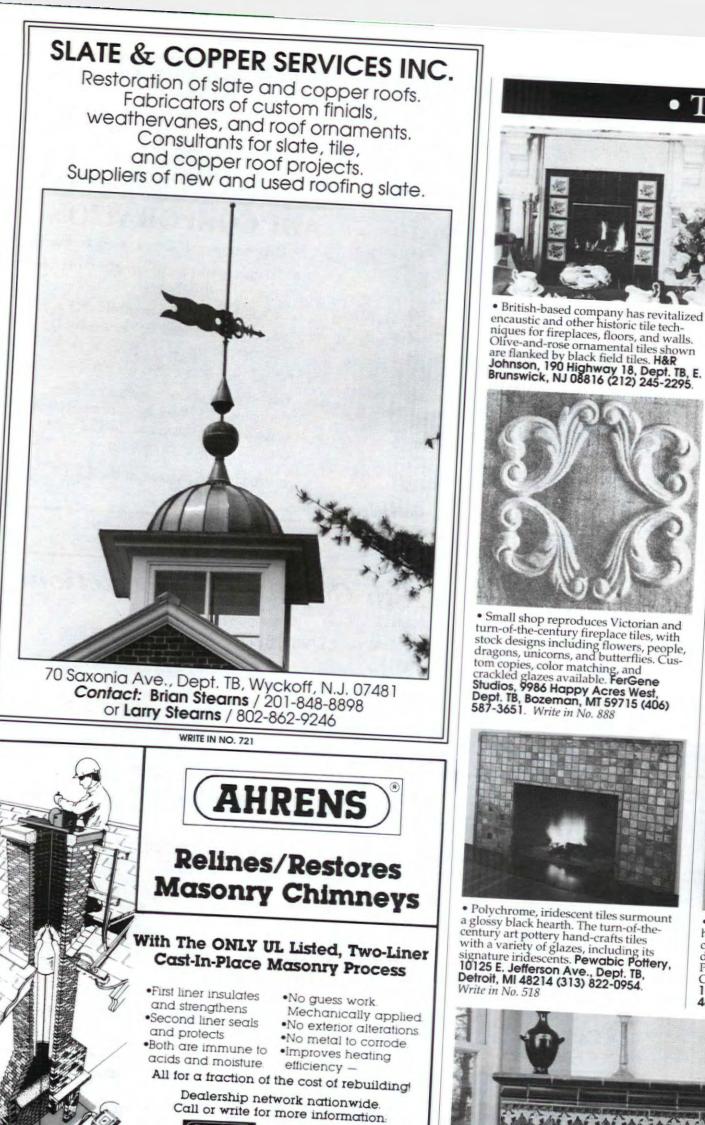
DIVISION 10 - SPECIALTIES



WRITE IN NO. 206

TRADITIONAL BUILDING

NOVEMBER/DECEMBER 1991 43



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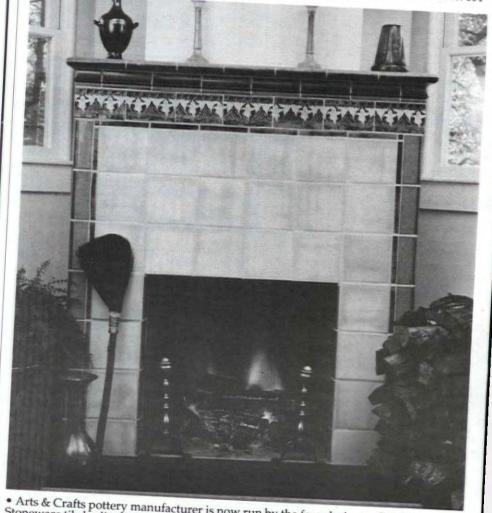
• TILES •



• Victorian fireplace tiles form a surround and hearth. Shop specializes in restoration work, encaustics, and other reproductions and has numerous stock designs as well as 12 hearth and surround patterns clients can order or adapt. L'esperance Tile Works, 237 Sheridan Ave., Dept. TB, Albany, NY 12210 (518) 465-5586. Write in No. 562



• Embossed floral tile from specialists in handmade reproduction tile and ceramics; custom, embossed or inset designs. Patterns include Neoclassical, Persian Revival, Gothic Revival, and Craftsman. The Blue Boar Tile Co., 113 Buffalo St., Dept. TB, Ypsilanti, MI 48197 (313) 487-8580. Write in No. 891



TRADITIONAL BUILDING



CITY



2000 Industrial Ave. Sioux Falls, SD 57104

ZIP

AHRENS

## SUPER HEAT . . . EASY INSTALLATION

listed

Our amazing Super Vent retrofits damaged or inefficient masonry and metal fireplaces, or use our Zero Clearance Fireplace to construct a new fireplace without a foundation or masonry chimney. Our units feature a firecast refractory firebox, hearth and side flares, and a Type 310 refractory stainless steel smoke chamber with damper baffle. Thermal insulation is provided by Sleepy Hollow's Cera-foil™ ceramic fiber insulation. The Super Vent includes our Super-Flex™ Type 304-LSS flue liner.

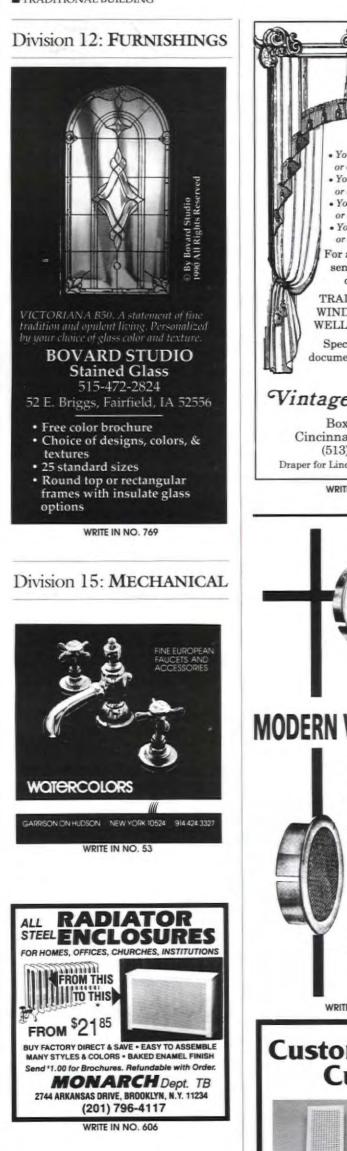
Easy installation - decrease your job time and increase your profits
 Customer satisfaction - super radiant heat output, thorough combustion
 Warmth and efficiency - the charm of an open fire without heat loss
 Send for more information or our free catalog of masons' and chimney sweeps' supplies
 SLEEPY HOLLOW CHIMNEY SUPPLY, LTD.
 B5 Emjay Blvd., Brentwood, NY 11717 Tel. 516-231-2333 Fax 516-231-2364

STATE

WRITE IN NO. 569

• Arts & Crafts pottery manufacturer is now run by the founder's grandchildren. Stoneware tile bodies are given traditional crystalline, mirror, or matte glazes. Shown is a fireplace in ivory, beige, and Venetian blue for a New Jersey residence. Fulper Tile, P.O. Box 373, Dept. TB, Yordley, PA 19067 (215) 736-8512.

■ TRADITIONAL BUILDING





DIV. 12 - FURNISHINGS/DIV. 15 - MECHANICAL



## R E F L E C T I O N • S T U D I O S

## RESIDENTIAL & COMMERCIAL STAINED GLASS ART & RESTORATION

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**COMING IN THE NEXT ISSUE:** COMMERCIAL EXTERIORS

## Custom-Made Radiator Covers, Baseboard Covers, Custom Metal Grills — Your Size, Any Size



• Any Size - Barker Metalcraft cuts to your exact meas-

■ TRADITIONAL BUILDING

NOVEMBER/DECEMBER 1991 45

DIVISION 16 - ELECTRICAL



Division 16 ELECTRICAL special report: Interior Lighting

# THE BEST & THE BRIGHTEST

BY JUDITH SIEGEL LIEF

he popularity of period interestorations rior has prompted an increase in the selection and availability of historic lighting fixtures. We sent out a questionnaire to 112 companies that manufacture period lighting fixtures. Of those who replied and sent in good quality photos, we selected fabricators of sconces, chandeliers, and lamps whom we thought were the most appropriate for our readers. You will find their captioned photos on this page, and pages 48 and 50.\*



■ W170-C20 Double-Arm Sconce. Solid brass; arms swivel; also single arm or electrified. \$525.10 (as shown); 20% less for trade. Other sconces and hanging fixtures; largest selection of 18th- and 19thc. hardware in the country. Ball and Ball, 463 W. Lincoln Hwy., Dept. TB, Exton, PA 19341 (215) 363-7330. Write in No. 766



■ Model #123-17 12-Arm Chandelier. 34 in. x 26 in. solid brass with handpainted delft porcelain body; \$1,460. Also reproduction 17th-c. chandeliers sand cast in solid brass in various styles and dimensions. Dutch Products & Supply Co., 166 Lincoln Ave., Dept. TB, Yardley, PA 19067 (215) 493-4873.



■ CH-175 Early American Chandelier. Brass, measuring 14 in. h. x 23-1/2 in. dia.; \$453. Many other Early American fixtures featured in a 64-pg. B&W catalog. Authentic Designs, 47 The Mill Rd., Dept. TB, West Rupert, VT 05776 (802) 394-7713. Write in No. 6

continued on page 48

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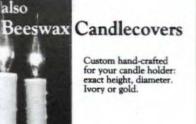
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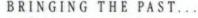
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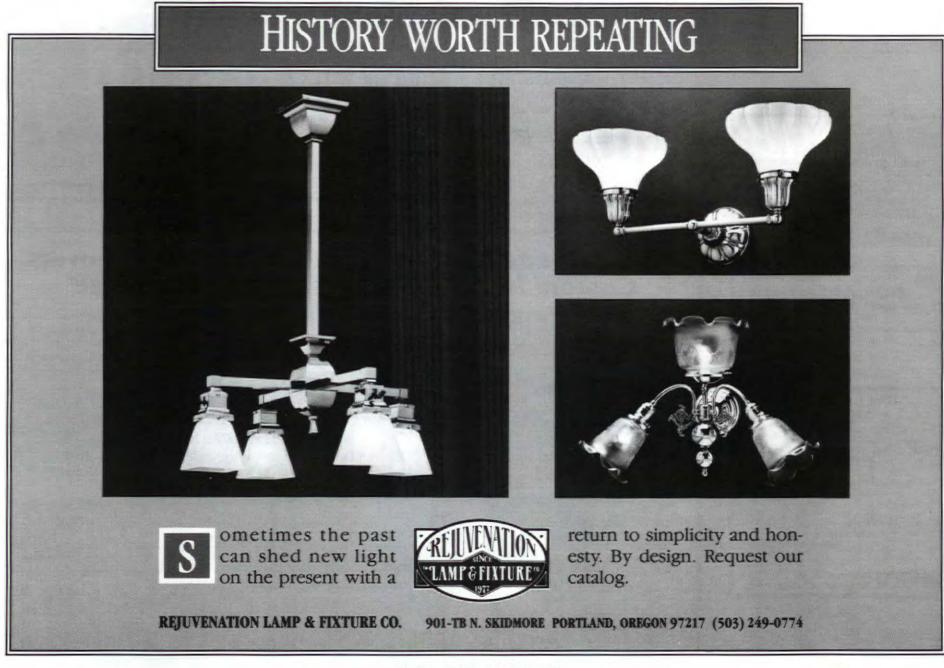
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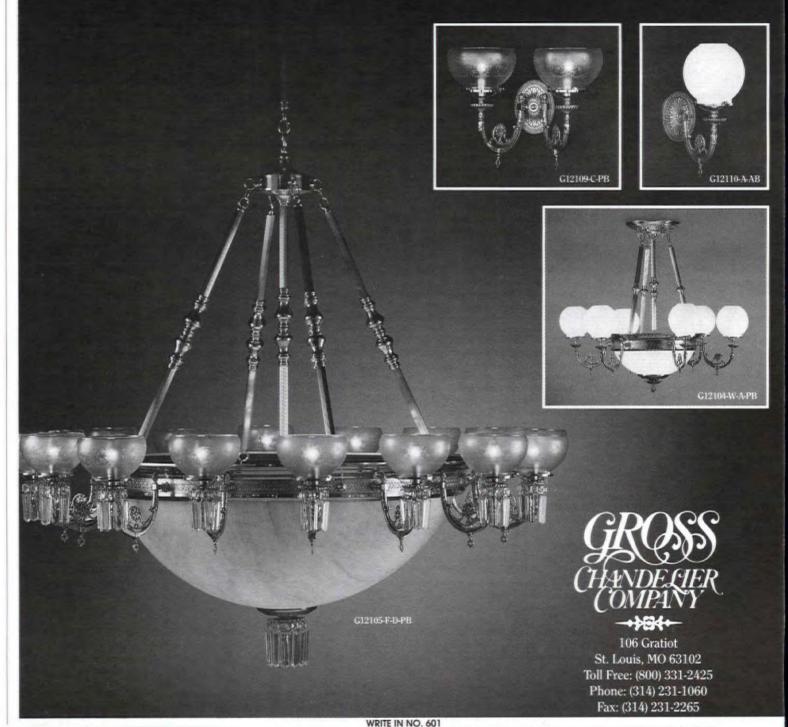
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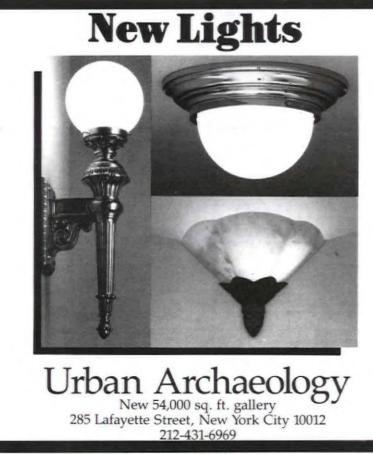
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NOVEMBER/DECEMBER 1991 47

**INTERIOR LIGHTING**, cont. from p. 46



■ The Park Avenue, #CXY1Y. Solid brass; glass pressed from original mold; 27 in. dia.; length to order. Many fix-tures available in Late Victorian, Turn-of-the-Century, Arts & Crafts, and Deco styles; some custom. Rejuvenction Lamp & Fixture Co., 901 N. Skidmore, Dept. TB, Portland, OR 97217 (503) 249-0774. Write in No. 763



Flora Sconce. 21 in. h. cast-bronze ■ Flora Sconce. 21 in. n. cast-pronze reproduction 1860's American fixture; \$2,430. Also, Victorian lighting, Arts & Crafts lanterns, and sales of authentic traditional fixtures; custom. Nowell's Lighting, Gate Five Rd. at Harbor Dr., Dept. TB, Sausalito, CA 94966 (415) 332-4033 Write in No. 618. 332-4933. Write in No. 618



Early American, Early Victorian, and Deco fixtures. They can reproduce interior or exterior period lighting fixtures in hand-forged iron. Infernational Iron-works, Inc., 4262 Pacific Way, Dept. TB, Los Angeles, CA 90023 (213) 262-



The De Vianne #1G2. Handmade glass paste, with exotic flora, in bright glass paste, with exotic flora, in bright green or bronze, ultramarine or pink-specked blue, red, or orange; 23 in. h. and 14-1/2 in. w. Replacement glass shades, especially acid-etched. Late Vic-torian, Turn-of-the-Century, and Deco. Yankee Barn Lighting Co., Box 95, Dept. TB, Forestburgh, NY 12777 (914) 794-7299. Write in No. 611



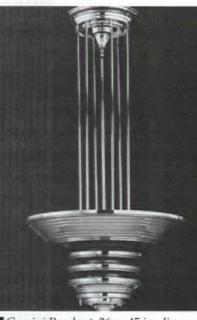
PGR-116 Adam Lantern. Authentic ■ PGR-116 Adam Lantern. Authentic brass reproduction; gilded lead dove counterweight and brass "spectacle" pul-ley; 27 in. h., 11 in. smoke bell. Limited selection of reproduction 18th- and 19th-c. brass lighting fixtures. **Price Glover**, **Inc.**, 59 E. 79th St., Dept. TB, New York, NY 10021 (212) 772-1740. Write in No. 629 in No. 629



Model #CH8 Chandelier from the Model #CH8 Chandeller from the Raleigh series. Hourglass chain; solid brass or copper; 30 in. w., 21 in. h.; 18 in. chain. Available in antique brass or anti-que copper, \$220; black, \$210; pewter, \$240. Other Early American and tradi-tional fixtures. Newstamp Lighting Co., 227 Bay Rd., Dept. TB, N. Easton, MA 02356 (508) 238-7073. Write in No. 80



■ Reproduction Tiffany Wisteria Shade. Bronze tree trunk base; leaded glass and bronze; 22 in. h. x 18 in. dia.; \$7,495 to the trade. Other Turn-of-the-Century and Arts & Crafts fixtures; Tiffany reproduction a specialty; some custom work. Porcelli Studio, 64 Woodstock Dr., Dept. TB, Newtown, PA 18940 (215) 860-9947. Write in No. 497

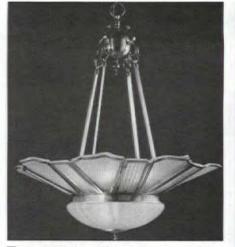


Gemini Pendant. 26 or 45 in. dia. Solid aluminum or brass; many finishes. Other Turn-of-the- Century, Deco, and contemporary hanging fixtures; some custom work. Art Directions, Inc., 6120 Delmar Blvd., St. Louis, MO 63112 (314) 863-1895. Write in No. 436

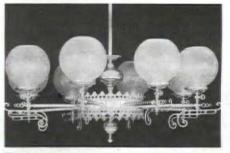


Trilliane #5856 Chandelier with Strass® Crystal. Like this, many other rich assemblages of crystal pendants and lights are on crystal frames. Styles include Early American, Early and Late Victorian, Turn-of-the-Century, Deco, Rococo, Renaissance, and Empire Era. Schonbek Worldwide Lighting, Inc. 4-8 Industrial Blvd. W., Dept. TB, Plat

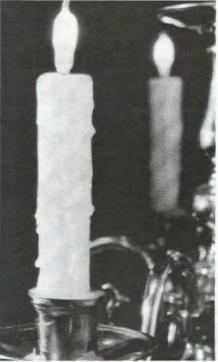
#### TRADITIONAL BUILDING



■ No. 1289 Deco Chandelier. Available in either satin nickel or polished brass; thick frosted-glass panels and bowl; 29-1/2 in. h. x 29-1/2 in. w. Other styles: Early American, Early and Late Vic-torian, Turn-of-the-Century, Art Deco; custom too. New Metal Crafts, Inc., 812 N. Wells St., Dept. TB, Chicago, IL 60610 (800) 621-3907.



■ Model #C44G8 Victorian Chandelier with #SG35 Shade. Authentic reproduc-tion of solid, polished brass Victorian chandeliers and wall sconces. Vic-torian Lighting Works, 251 S. Pennsyl-vania Ave., Dept. TB, Centre Hall, PA 16828 (814) 364-9577. Write in No. 373



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Model C-107B Chandelier. Center painted in folk-art style; gold leaf arms and legs. 20-arms; 49 in. w., 27 in. h.; \$3,180. Authentic reproduction of Early American chandeliers, sconces, lanterns, and lamps. 44-p. B &W catalog includes insert of new fixtures. **Period Lighting**, **1 Main St., Dept. TB, Chester, CT 06412 (203) 526-3690**. Write in No. 879 No. 80.



6740-B3 Wall Fixture. Solid brass; embossed glass shade with beads; 16 in. h. x 10 in. w. Hundreds of Victorian styles available; will customize. Bross Reproductions, 9711 Canoga Ave., Chatsworth, CA 91311 (818) 709-7844. Write in No. 622

tsburgh, NY 12901 (518) 563-7500.

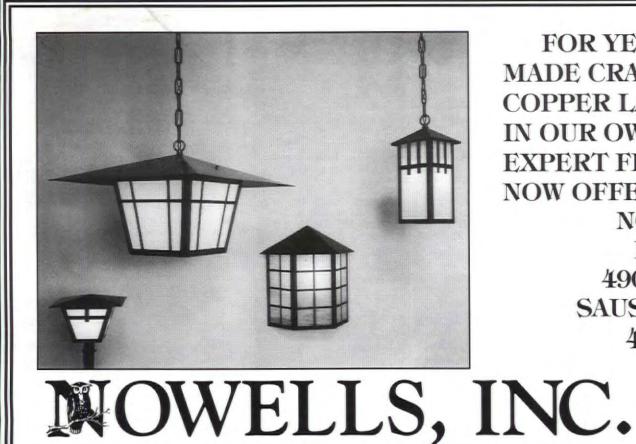


Griffin Gas Style Chandelier #1870-5. C.1870 authentic reproduction handcrafted fixture in solid brass. Also Art Deco reproductions crafted with custom dimensions, finishes, and shades. Clos-sic Illumination, 2743 9th St., Dept. TB, Berkeley, CA 94710 (415) 841-2937. Write in No. 597



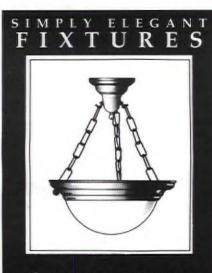
Deco Fan Lamp. Colored opalescent art glass and brass; 36 in. w., 20 in. tall; glass colors adaptable per decor. Late Victorian, Turn-of-the-Century, Arts & Crafts, Deco; also elaborate stained-22384, Dept. TB, Kansas City, MO 64113 (816) 363-5980. Write in No. 846

continued on page 50



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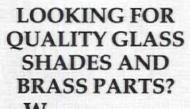


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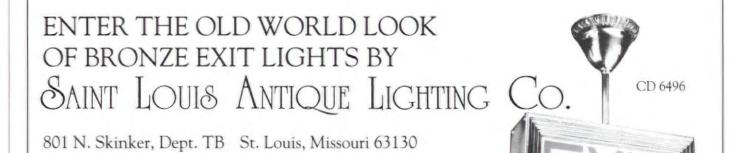
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INTERIOR LIGHTING, cont. from p. 48

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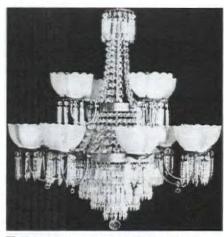
■ Standing Lamp with Peacock Design. Hand-pleated and hand-dyed oval shade; antique embroidered inset; \$250. Many other styles; custom work; antique lace, embroidery, and beadwork used when possible. Reproduction lamp bases available. Yestershades, 3824 S.E. Stark St., Dept. TB, Portland, OR 97214 (503) 235-5645. Write in No. 612



■ 8-Over-8 Arm Chandelier. Shown: 40 in. dia, 28 in. h. (other sizes available); hand-turned wood center, ceiling canopy, crossbar, hook and handmade chain. Painted old red or green or to spec. Other Early American designs available. Gates Moore, River Rd., Dept. TB, Norwalk, CT 06850 (203) 847-3231. Write in No. 600



■ Chandelier #CH 203. Turned wood body — painted or stained — arms are antique tin or antique brass; 21 in. h., 32 in. w. Many chandeliers and lanterns shown in a 16-p. B&W catalog. Lighting by Hammerworks, 6 Fremont St., Dept. TB, Worcester, MA 01603 (508) 755-3434. Write in No. 604



Charleston-8+4 Chandelier. Handpolished solid brass with imported Venetian half-cut, notched, Waterfordstyle, spear point prisms; 38 in. w. and about 43 in. 1.; \$4,300 (additional chain \$5/ft.); wired. Many other crystal chandeliers in a 96-p. B&W catalog. King's Chandelier Company, Hwy. 14, Dept. TB, Eden, NC 27288 (919) 623-6188. Write in No. 848

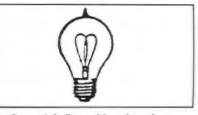


Hanging Bronze Fixture. Designed for Trust Corp. in Indianapolis. 5 ft. x 2 ft. 10 in. x 19 ft. Polished bronze, opal polycarbonate. Catalog shows many other hanging and wall-mounted Deco and Turn-of-the-Century fixtures. Custom work a specialty. Appleton Lamplighter, PO Box 1434, Dept. TB, Appleton, WI 54913 (414) 739-9001.





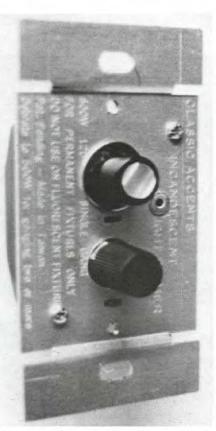
■ Reproduction of a Greene & Greene (1906) Wall Lantern. Mahogany with ebony detail; fitted with Tiffany-style iridescent glass; 7 in. d. x 10 in. w. x 14 in. h. Other Arts & Crafts styles available; custom work also. James Randell, 768 N. Fair Oaks Ave., Dept. TB, Pasadena, CA 91103 (818) 792-5025.



■ The Imperial. One of 3 styles of period lightbulbs with carbon or zigzag filament. Also, gaslight mantles for inand outdoor lights; "Appolo" golden lamp cord — an authentic twisted construction covered in woven silk. Bradford Consultants, PO Box 4020, Dept. TB, Alameda, CA 94501 (415) 523-1968. Write in No. 796

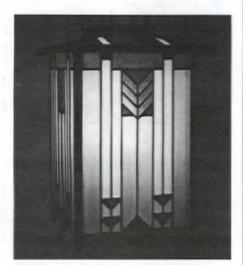


Model #3504 Hanging Fixture. Solid brass with #S157 & #S155 shades; 36 in. h. x 24 in. w. Finishes: Polished and lacquered, unlacquered, nickel, chrome, copper, or antique brass finish. Authentic reproduction lighting manufactured in many styles; custom work a specialty. St. Louis Antique Lighting Co., 801 N. Skinker, Dept. TB, St. Louis, MO 63130. Write in No. 619

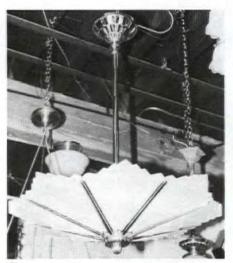




■ Model #G12105-F-D-PB Chandelier. Faux alabaster bowl; acid-etched shades with prisms. 16 arms; 63 in. full dia., 96 in. h. to ceiling; polished brass finish. Also, Early American, Early Victorian, Late Victorian, Turn-of-the-Century, Deco and other traditional fixtures; 75% custom. Gross Chandelier Co., 106 Gratiot, Dept. TB, St. Louis, MO 63102 (314) 231-1060. Write in No. 601



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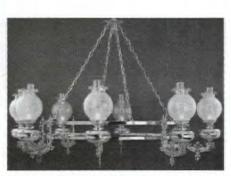


Chinoiserie Lantern. Reproduction of an early 19th-c. Brighton Palace lantern. The colors — red, black, or green with gilt details — are typical of the period. 24 in. h. x 11 in. w. (also 30 in. h. x 14 in. w.). Lots of historically styled interior artifacts and furniture in painted metal and wood. Niermann Weeks, PO Box 6671, Dept. TB, Annapolis, MD 21401 (301) 224-0133.



■ English Victorian Shaded Wall Sconce. Single or double arm. Also, alabaster ceiling pendants, Victorian chandeliers, Mission-style multi-light and tiered chandeliers, and more. Brass Light Gallery, 131 S. First St., Dept. TB, Milwaukee, WI 53204 (414) 271-8300. Write in No. 889

Hanging Brass and Cast Glass Deco Fixture. 33 in. dia.; adjustable drop; \$4,500. Reproduction fixtures include an exterior sconce, marble sconce, copper pendant, and a series of flush mounts. Also, large selection of antique (one-of-akind) lighting fixtures from the Victorian period through the 1940's. Urban Archaeology, 285 Lafayette St., Dept. TB, New York, NY 10012 (212) 431-6969. Write in No. 299

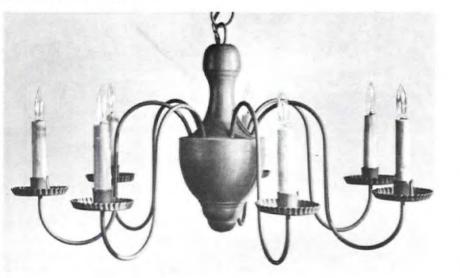


■ No. 1059-8 Chandelier. Modified stock design for a casino installation. 72 in. dia.; polished solid brass with a powder-coated finish; handmade French globes. Fully assembled: \$1,800. Dozens of chandeliers, sconces and lamps representing most styles in a 4/color catalog. Scott Lamp Co., Inc., 1960 Olivera Rd., Dept. TB, Concord, CA 94520 (510) 689-6335.



■ Chandelier #GES-5-8. Turn-of-the-Century solid brass fixture; 33 in. w. x 36 in. h. (min., can be customized taller); \$1,475 (including glass). Also Early and Late Victorian, Arts & Crafts, Deco, and custom work to any spec. B&W catalog available. Roy Electric Co., Inc., 1054 Coney Island Ave., Dept. TB, Brook-Iyn, NY 11230 (718) 434-7002. Write in No. 43

■ Model #S90DM Push Button Dimmer Switch. Looks like standard push button on/off but functions as a dimmer. \$19.87. Suitable for Early American and Early and Late Victorian, and Turn-ofthe-Century decor. Classic Accents, 12869 Eureka, Box 1181, Dept. TB, Southgate, MI 48195 (313) 282-5525. Write in No. 75

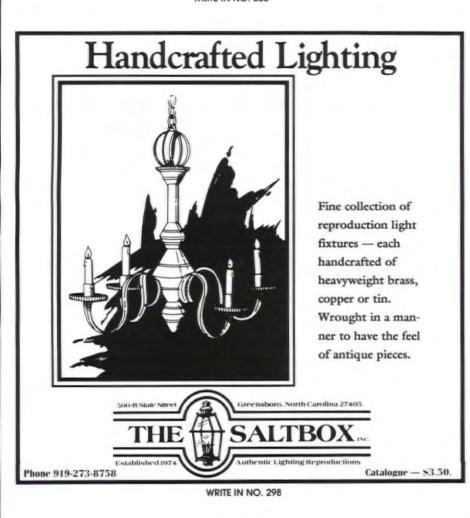


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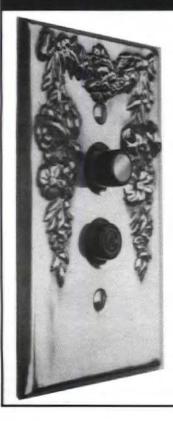
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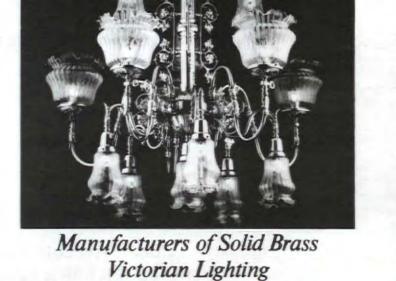
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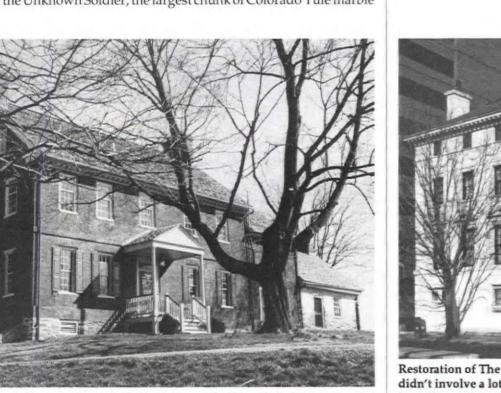
### Profile: MARY OEHRLEIN, continued from page 4

She resigned from Ehrenkrantz in 1983, not sure what she would do next but looking for more opportunity — and the firm responded by closing its D.C. branch and handing her the office's contracts. As principal of Oehrlein & Associates, she has undertaken an astonishing array of preservation-related projects, such as compiling masonry-maintenance guidelines for New Orleans's French Quarter and creating master plans for buildings as diverse as Frank Lloyd Wright's Unity Temple and Los Angeles's bizarre Watts Towers. She has analyzed the Smithsonian Institution's historic windows and transformed an armory in Hyattsville, Maryland, into an arts center, restaurant, shops, and offices. She supplies information to other firms and serves as prime architect, and among her strengths, she says, is nudging buildings into roles they do not at first seem to fit.

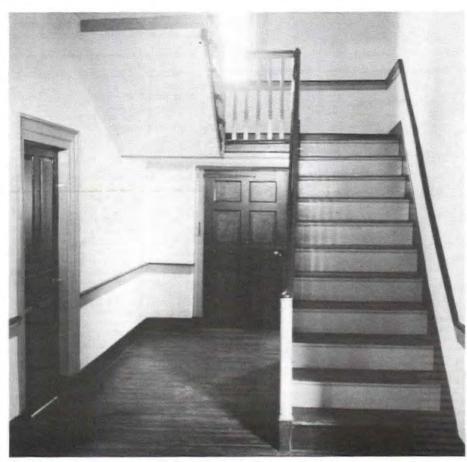
"If we're asked to do something awful or strange to a building, we'll try to talk the owner out of it and we'll try to come up with alternatives to change the program. If that doesn't work, we'll walk away," she says. "Philip Johnson may be right — that we're all whores — but we do have *some* integrity."

### Inescapable Facade-ism

Moving facades has become another Oehrlein specialty. She recently brought down and packed up 3,700 chunks of terra cotta from the front of the circa-1925 Almas Temple, a Shriners' hall in Washington. The pieces were then re-applied to a new frame down the block. "We've developed systems for labeling, cataloging, storing, crating, and hauling stuff around," she says. "We've grown to expect facade-ism; that's Washington for you! You find yourself backed into a corner, doing things that seem unnatural just to save some historic fabric." She has also made extensive use of her stone-restoration skills, analyzing cracks in the Tomb of the Unknown Soldier, the largest chunk of Colorado Yule marble



The Hague-Hough House in Waterford, Virginia, was built partly in 1744 and partly in 1790. When Oehrlein began restoring it, it had no electricity or indoor plumbing. (*Photo: Reed Black*)





Oehrlein transformed an armory in Hyattsville, Maryland, into an arts center, restaurant, shops, and offices. (Photo: William Lebovich)



Restoration of The Washington Club on Dupont Circle in the District of Columbia didn't involve a lot of travel for Oehrlein; it's practically around the corner from her office. (Photo: William Lebovich)

ever quarried. The source of its troubles remains a mystery to Oehrlein, since the military did not allow her to do any hands-on testing. She is far more confident about the future of twenty-two 45-foot-tall Corinthian columns rescued from the East Front of the U.S. Capitol during a 1950's renovation. She repaired them, strengthened them with steel rods, and propped them up in the Arboretum. The results, she says, "are wonderful, like a real ruin."

At the moment Oehrlein's firm is preserving the skin of a massive Victorian school in D.C. designed by Adolph Cluss. It is their second Cluss school; at the first, a few years ago, Oehrlein was asked to peel away a high embankment alongside the school and cut a handicapped-access door into the hillside. To keep the original door (now ten feet off the ground) accessible, she constructed a cast-iron staircase partly out of stock pieces and partly out of columns salvaged from another Cluss building. "We play games in this office," she says.

She is also currently immersed in two government projects: Converting a grand patents library in the Department of Commerce into a visitors' center for the White House, without spoiling the room's coffered ceiling and lofty proportions; and building a low-slung visitors' pavilion with tapered Doric columns behind the White House, to shelter a variety of National Park Service functions. "The Park Service came to us looking for just an elevator down to some existing restrooms. But their office in the park was in a trailer, there were ticket booths scattered all around; and we said that for the cost of the elevator we'll get rid of all this junk for you." And in her spare time, she serves on every committee she can manage. Oehrlein examines National Register applications for the state of Virginia and regrets she cannot visit every building up for nomination. She founded a layperson's affiliate of the local AIA chapter; ran the local AIA chapter for a year, and now regards herself as "not comfortable with the promoting part of that job. I didn't enjoy standing at a podium; but I still accomplished what I wanted to." She serves on the board of a nonprofit group raising funds to restore Washington's elegant neoclassical Cosmos Club. Asked whether she prefers paperwork, firm management, and handshaking or perfecting drawings and then traipsing through historic construction dust, she doesn't hesitate before replying, "Oh, I like all of it." �

Oehrlein documented the original faux-bois doors and paint colors and helped to design invisible mechanical systems in the Hague-Hough House. (*Photo: Reed Black*)

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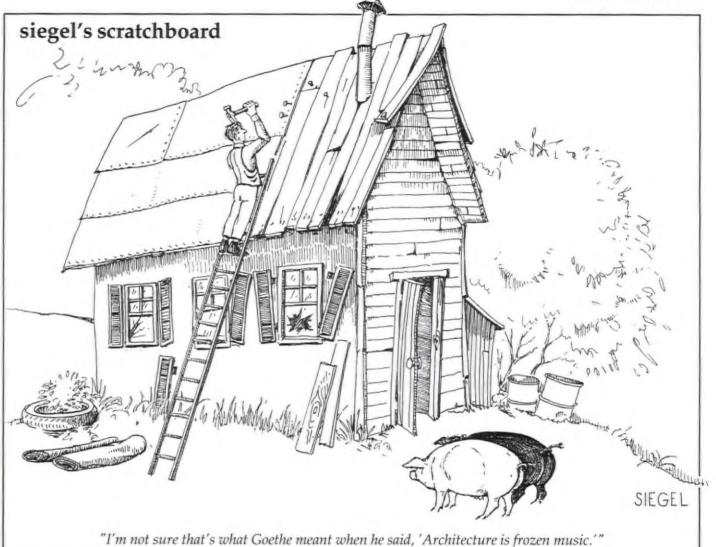
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# HISTORIC LIGHTING

## More Experience, More Styles

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In 1989, we purchased the drawings and tooling of The Steinmetz Company — producers of unusually fine detailed commercial-sized lighting fixtures in the early 20th century. This was a natural expansion for our craftsmen and expertise. All fixtures shown here were produced in our own plant. We welcome the opportunity to quote standard or special designs.



■ Frank Lloyd Wright designed this cast iron fixture for his 1905 renovation of The Rookery Building in Chicago. Ball & Ball was asked to renovate the 10 original units — and supply 6 new ones to match. The pattern in the fixture matches the rest of the iron lace in the building. A 19" square cast iron, brass-plated canopy trails 8 cast brass chains, 6 ft. long, supporting a 30" square main body, which in turn holds 4 corner globes and a central globe over and under the main body.





Wall-mounted exterior light, 20" high and 13" across, produced from original Steinmetz Co. drawings. Hex-shaped cap, body, and base are made from cast brass. Glazing can be bent, handblown glass, or shatter-resistant plastic. In addition to exterior lighting, applications for this light include accent lighting for showrooms and passage lighting for corporate offices.



■ Lighting fixture made by The Steinmetz Co. to hang in a lower level hall of the U.S. Capitol. Made of cast brass, spun brass, and fluted brass tubing, it features etched glass on all 6 sides and bottom. It is 22" high to the column top, 19" across. Center of the bottom is hinged for bulb changing.

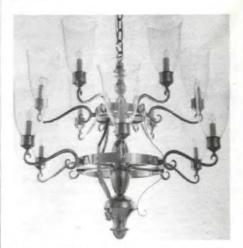




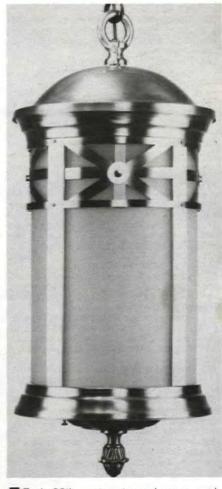
Custom lighting fixture made to client specifications with hand-forged iron body (rather than the brass tubing seen on most 19th-century reproductions). Fixture is 5 ft. wide, 3 ft. high, with 3 12" white glass shades and spun brass fonts.



■ Wall sconce, c. 1835, cast brass with hand-blown glass. Fixture is 28" high and 14" wide.



Two-tier chandelier, custom-made to complement an original 18th-century 3tier fixture in a Pennsylvania church. The unit as shown is 48" high, 56" wide, and has 12 arms with hand-blown shades.



■ Early 20th century turned, spun, and sheet brass lantern with shatterproof plastic. The "Union Jack" decoration can be changed, duplicated at the bottom, or made with three bands. Sizes: Large — 28" O.D., 52" high; Medium — 16" O.D., 28" high; Small — 9" O.D., 19" high. Small unit could use glass for residential installations.

## Lighting Fixture & Hardware Catalogs

Our new Lighting Fixture Catalog will soon be off the press. Write, call, or FAX for a free copy. Or Write In No. 766 on the Reader Service Card.

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■ Early 20th century hallway lighting by The Steinmetz Co. for the U.S. Capitol, Washington, D.C. Ball & Ball had all the original drawings on hand to produce two additional lights to match the originals. (This fixture is just one of many that Steinmetz produced for government buildings in Washington.) Main body is spun brass, 32" dia., fitted to cast brass border supporting lostwax-cast lion heads that hold 6 electrified arms. Overall dia. 5 ft. Exact copies, larger, or smaller versions of this lamp are available on special order.

Argand Lamp, c. 1800, reproduced for a restoration in Barbados. The fixture, 20" in diameter and 40 " high, is cast, sheet, and spun brass with handblown glass. As pictured, the fixture has been adapted to accommodate 2 electric candles.

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