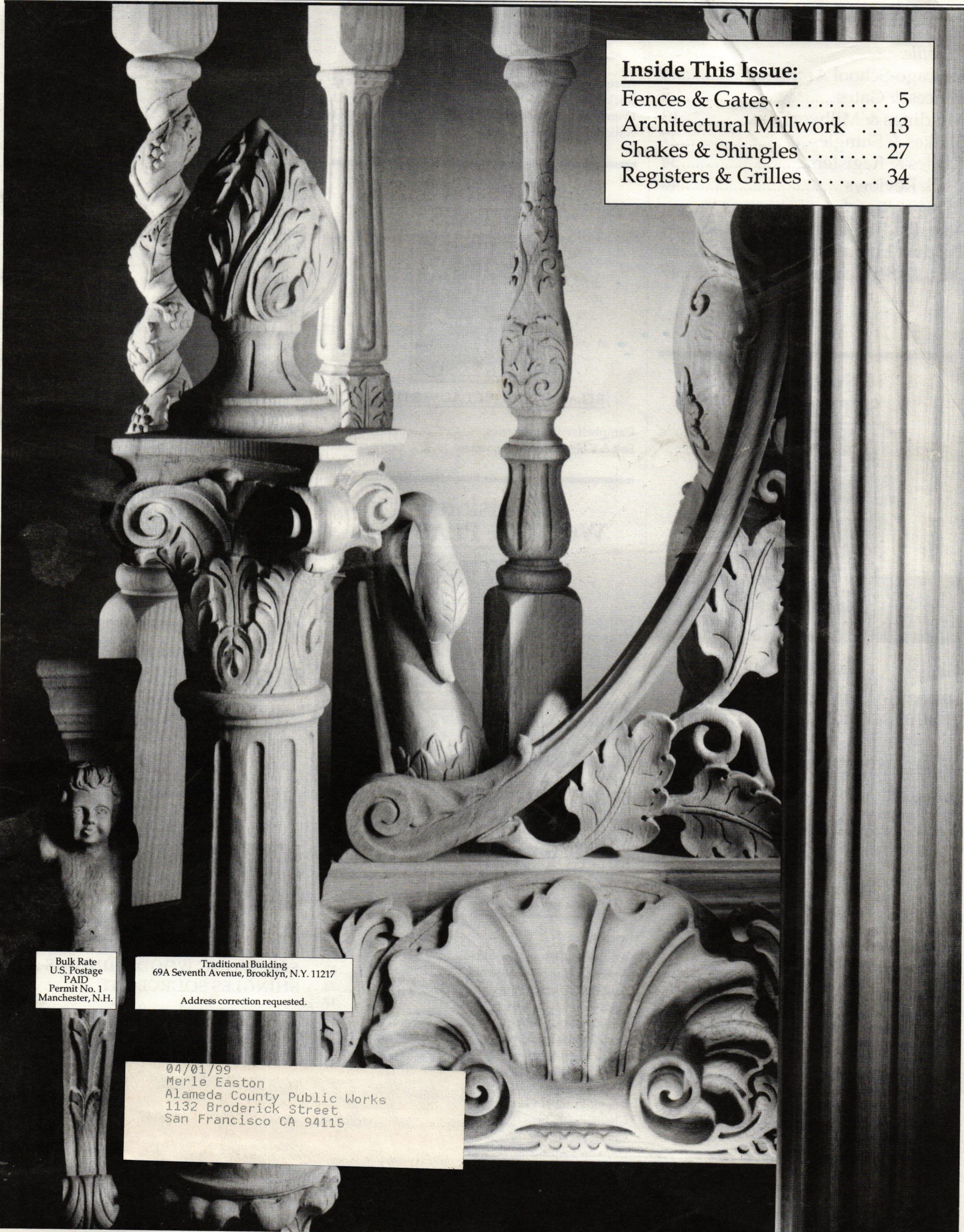


Clem Labine's **TRADITIONAL BUILDING** Historical Products For Today's Professional

M A R C H / A P R I L 1 9 9 1 V O L . 4 / N O . 2 \$ 3 . 0 0



Inside This Issue:

Fences & Gates	5
Architectural Millwork . .	13
Shakes & Shingles	27
Registers & Grilles	34

Bulk Rate
U.S. Postage
PAID
Permit No. 1
Manchester, N.H.

Traditional Building
69A Seventh Avenue, Brooklyn, N.Y. 11217
Address correction requested.

04/01/99
Merle Easton
Alameda County Public Works
1132 Broderick Street
San Francisco CA 94115

CONTENTS

All editorial and advertising material in Traditional Building is organized according to the industry-standard MASTERFORMAT divisions published by the Construction Specifications Institute (CSI).

SPECIAL FEATURES

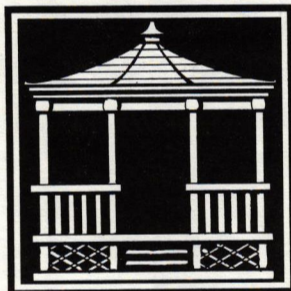
Profile:

Chicago-School Architect	4
Fences & Gates	5
Moldings & Millwork	13
Shakes & Shingles	27
Grilles & Registers	34
Book Reviews	40

Project Report:

Neo-Traditional Home	44
Product Literature	46
Siegel's Scratchboard	47

Division 2 SITEWORK



SPECIAL REPORT: FENCES & GATES

IN THE NEWS

HISTORICAL FENCES & GATES ...	5
FENCES SOURCELIST	6, 8

RELATED PRODUCT ADVERTISING

Bow House	9
Cross Industries	7
Dutch Products and Supply Co.	9
Eastern International	7
Goldenrod Ironworks	9
Heritage Fence Co.	9
Historical Arts & Casting	9
Historical Fence & Ironworks	11
Land Marks, Inc.	7
Monumental Iron Works	7
New England Tool Co.	7
Salvage One	9
Steptoe & Wife	11
Stewart Iron Works	9
Texas Standard Picket Co.	7
White Oak Forge	7

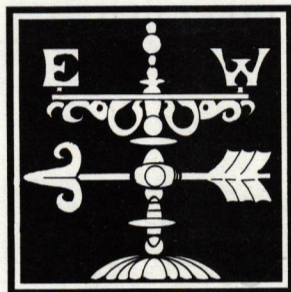
Division 4 MASONRY



RELATED PRODUCT ADVERTISING

Ahren's Chimney Technique	11
Brickyard	11
Lyemance International	11
National Supafu Systems	11

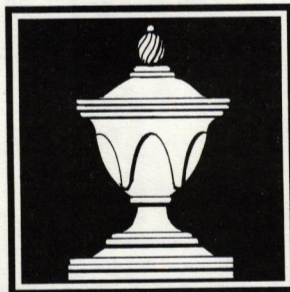
Division 5 METALS



RELATED PRODUCT ADVERTISING

Campbellsville Industries	11
Salt & Chestnut Weathervanes	11

Division 6 WOOD & PLASTICS



SPECIAL REPORT: MILLWORK

IN THE NEWS

WOOD MOLDINGS REVIEW	13
MILLWORK SOURCELIST ..	14, 16, 18
MILLWORK PORTFOLIO	20, 22

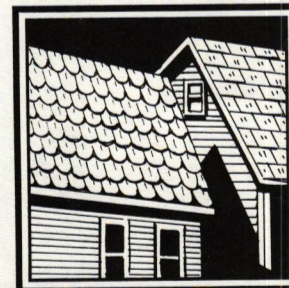
RELATED PRODUCT ADVERTISING

Abatron	12
Advanced Design Woodturnings	23
American Custom Millwork	23
Amherst Woodworking	24
Anderson-McQuaid Co.	17
Architectural Components	17
Architectural Paneling	19
Beech River Mill Co.	26
Bendix Mouldings	21
Boston Turning Works	24
Center Lumber Co.	25
Chadsworth, Inc.	23
Coastal Millworks	24
Conklin's Authentic Barnwood	25

Division 6, continued

Conservation Services	12
Craftsman Lumber	25
Cumberland Woodcraft	17
DHM Cabinet Makers	23
Draper & Draper, Ltd.	17
Drums Sash & Door Co.	24
Durable Goods	12
Empire Woodworks	24
Fancy Front Brassiere Co.	24
Forest Wood Products	24
Goodwin Lumber Co.	24
Harmony Exchange	24
House Of Moulding	21
Iron Shop	11
Jelliff & Sons	23
The Joinery	12
Kreider Brothers	23
Mad River Woodworks	12
Maurer & Shepherd Joiners	12
Mayse Woodworking	24
Moorwood	26
National Decks, Inc.	24
Northfield Restorations	21
Ornamental Mouldings	13
P.C. Work	17
Pagliacco Turning & Milling	25
Partelow Wood Turnings	12
PRG, Inc.	12
R.I. Millwork	24
Raymond Enkeboll Designs	15
Readybuilt Products	25
Schwerd Manufacturing	19
Shuttercraft	23
Silver Creek Mill	25
Silverton Victorian Millworks	19
Specialty Wood Co.	21
Sunshine Architectural Woodworks	25
Torrington Millwork	26
Vixen Hill Shutters	21
White River Hardwood	25
Wood Factory	24
Woodchute Woodworks	19
WoodTech, Inc.	24
Worthington Group	13
Yuenger Wood Moulding	19

Division 7 MOISTURE PROTECTION



SPECIAL REPORT: WOOD SHINGLES

IN THE NEWS

SPECIFYING WOOD SHINGLES ...	27
SHINGLES SOURCELIST	28

RELATED PRODUCT ADVERTISING

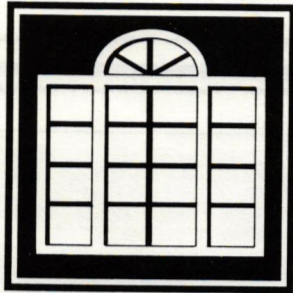
Bellvale Roofing Slate	29
Cedar Guild	26
Cedar Shake & Shingle Bureau	26
Cedar Valley Shingle Systems	26
FibreCem Corp.	26
Granville Manufacturing Co.	29
Liberty Cedar	29

CONTENTS

Division 7, continued

Shamokin Trail Shingle Co.	26
Sky Lodge Farm	26
South Coast Shingle Company	29
TileSearch	26

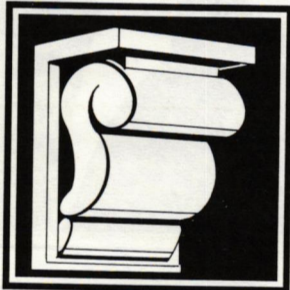
Division 8 DOORS & WINDOWS



RELATED PRODUCT ADVERTISING

Allied Windows	31
Ball & Ball Hardware	48
Bathroom Machineries--Hardware	31
Cirecast, Inc.	30
Elegant Entries	30
Kenmore Industries	30
Midwest Architectural Wood Products	30
Old Smithy Shop	30
Ricketson Woodwork	31
Schlemowitz, Inc.	31
Woodstone Co.	30

Division 9 FINISHES



RELATED PRODUCT ADVERTISING

Above View, Inc.	32
Architectural Reproductions	32
Aristocast Originals	32
Bradbury & Bradbury	31
Cameron Noriega	32
Chestnut Specialties	31
Classic Carvings	33
Fe Fi Faux	32
Fischer & Jirouch Co.	32
Helen Williams Rare Tiles	32
J. R. Burrows & Co.	31
Polytek Development Corp.	32
Tiresias	31
W.F. Norman Metal Ceilings	33

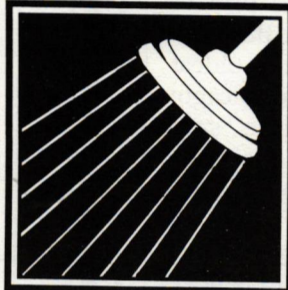
Division 10 SPECIALTIES



RELATED PRODUCT ADVERTISING

Buckley Rumford Fireplace Co.	33
Country Cupolas	33
Country Iron Foundry	34
Nixalite	33
Pennsylvania Firebacks	34
Smith-Cornell	33
Thermo-Rite Manufacturing	33

Division 15 MECHANICAL



SPECIAL REPORT: GRILLES & REGISTERS

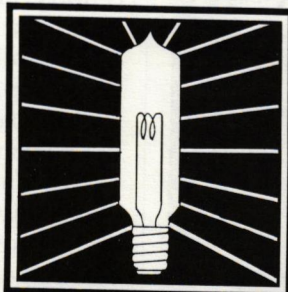
IN THE NEWS

GRILLES & REGISTERS SURVEY ..	34
REGISTERS SOURCELIST	36

RELATED PRODUCT ADVERTISING

American Home Supply	37
Antique Hardware Store	39
Midget Louver Co.	34
Monarch	34
Reggio Register	35
Triarco, Inc.	38
Watercolors, Inc.	34

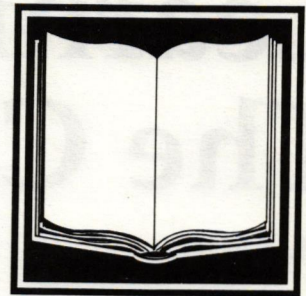
Division 16 ELECTRICAL



RELATED PRODUCT ADVERTISING

Authentic Designs	38
Lighting by Hammerworks	38
Porcelli Studio	38
Roy Electric Co.	38
Sunfeather Reproductions	38
Urban Archaeology	38
Victorian Lighting Works	38
Yankee Barn	40

Division 17 BOOK REVIEWS



IN THE NEWS

TRADITIONAL DETAILS	40
NEW CLASSICISM	41

RELATED PRODUCT ADVERTISING

John Wiley & Sons	41
-------------------------	----

ON THE COVER: Carved and sculptured architectural ornament by Raymond E. Enkeboll Designs. For more information, see page 16.

COMING IN THE NEXT ISSUE:

Cupolas, Steeples, Weathervanes
Carved Ornament
Molded Plaster & Lookalikes
Roofing Slates & Tiles

Clem Labine's TRADITIONAL BUILDING

Historical Products For Today's Professional

69A Seventh Avenue
Brooklyn, NY 11217
(718) 636-0788 FAX: (718) 636-0750

Editor & Publisher **Clem Labine**
Managing Editor **Judith Siegel Lief**
Contributing Editor **Eve M. Kahn**
Art Director **Judith Siegel Lief**
Advertising Manager **Susan Littman**
Circulation Assistant **Tiffany C. Meertens**
Data Security **Magnolia C. Shepherd**
Comptroller **Barry Kornblum**

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 Architecture 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.

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

Contents of TRADITIONAL BUILDING are fully protected by copyright and must not be reproduced in any manner whatsoever without written permission from the publisher.

© Copyright 1991 by Historical Trends Corporation All rights reserved.

PRINTED AT THE LIGHTHOUSE PRESS
Manchester, New Hampshire

TRADITIONAL BUILDING is indexed
in CONSTRUCTION INDEX.

profile

WILBERT HASBROUCK: Learning From The Chicago School

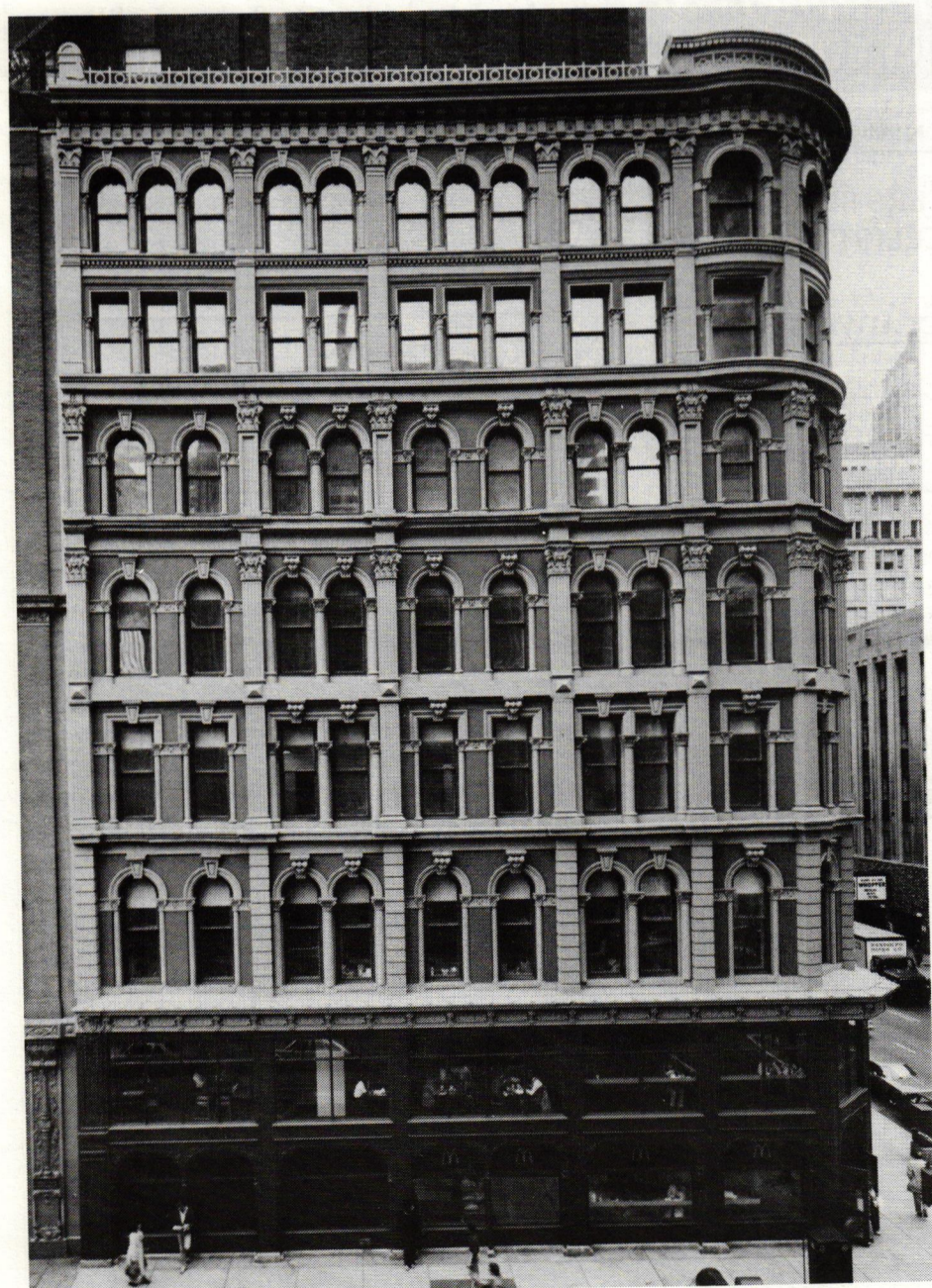
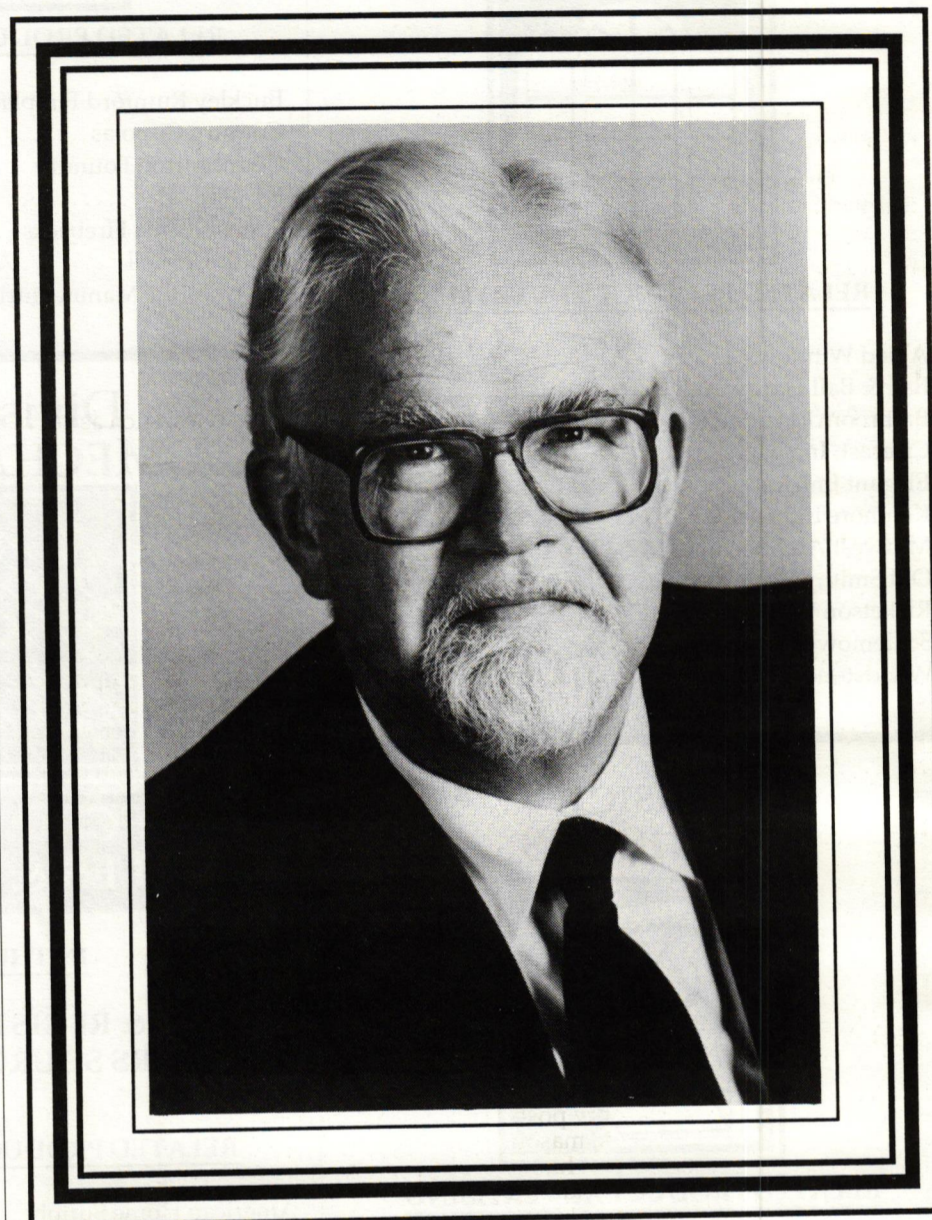
BY EVE M. KAHN

For nearly 20 years, Chicago-based restoration architect Wilbert R. Hasbrouck has worked on buildings by all the local greats: Louis Sullivan, Frank Lloyd Wright, and Burnham & Root. "I've come to feel like they're my partners, like I know them," he says. He feels especially close to Wright, because recently his firm has tackled three projects that Wright undertook eight decades earlier: The 1904 interior renovation of Burnham & Root's 1888 Rookery; the Martin House in Buffalo; and the Dana-Thomas House in Springfield, Ill.

"I've learned a lot about Wright, working on these three," he says. "He was a great designer, of course, and a great manager of people, to get the quantity and quality of work that he did. But he was also a master marketer. I've met 50 original owners of Wright houses, and they all say the same thing: That theirs was Wright's favorite house, and that they really designed it, he just helped. I'd give anything if I could get a client to say that — wouldn't you?"

All modesty aside, Hasbrouck's clients have the right to be almost as pleased as Wright's. Among restoration accomplishments by the firm of Hasbrouck, Peterson, Zimoch and Sirirattumrong: The 1871 Delaware Building — the first office building erected after the Chicago Fire (with the oldest cast-concrete skin in America); the 1885 turreted Dearborn Station in Chicago; and Sullivan's 1911 People's Savings Bank in Cedar Rapids. "Our forte," says James Peterson, Hasbrouck's longtime partner, "is reconciling what a great architect intended with what the current owner wants, without spoiling the building."

The firm attracts business with the principle of "enlightened greed." "I've been criticized a lot for using that phrase," Hasbrouck explains, "but I believe



Located on the Loop, the Delaware Building, the first cast-concrete structure in America, was named a landmark after Hasbrouck restored it. Photo: Ron Gordon

in it. We save buildings by showing owners how, if restoration is done right, it can make a rich man richer. The process may be expensive, but the results are more valuable. We teach owners how to massage the program to fit the building, rather than the other way 'round."

His first job out of Iowa State College's architecture school was with the Illinois Central Railroad, where he soon rose to architectural engineer of the system. "The line ran from New Orleans to Sioux City, with 10,000 buildings along the way, from three-hole outhouses to boxcar manufacturing facilities," he says. "At least one building was on fire all the time." But the wealthy railroad's structures tended to be solidly built, many dating back to the 19th century, and a few had been designed by such well-known names as Daniel Burnham. Hasbrouck found his interest in and respect for historic architecture rising. In 1963, he and his wife Marilyn (now the proprietor of Prairie Avenue Bookshop, one of the country's largest architectural bookstores) founded *The Prairie School Review*, an academic publication full of essays on Prairie Style and other avant-garde turn-of-the-century American architecture.

"Landmarks were being torn down all over town, enthusiasm for Wright and Sullivan was increasing, and we were writing editorials lambasting the architectural profession for not paying more attention to restoration," he says. The magazine, he adds, "gave me great entree. I could go anywhere and show it and be taken seriously." Taking him especially seriously in 1968, the AIA invited him to serve as executive director of its Chicago Chapter and Illinois Council. He gave up hands-on work to accept the job: "The AIA needed a spokesman with no practice, with no ax to grind."

But the more architects he met through AIA, the more he realized that Chicago lacked restoration specialists. "Maybe two or three were active," he recalls, "and those had a certain reluctance, because they didn't want to spend the time and money to do it well." He left AIA in 1975 to hang out his own

continued on page 42



**Division 2
SITEWORK**

FENCES & GATES

KEEPING YOU POSTED: From Pickets To PVC

• BY EVE M. KAHN •

Fences and gates give a site its first opportunity to impress visitors. Whether low, simple, and friendly or high, sharp, and forbidding, they reveal the personalities of the owners within. The earliest fences in America, however, were purely functional; made of rough lumber, they kept intruders out and animals in, and delineated the boundaries of newly settled land. Progress brought wrought iron to many of the colonies in the latter half of the 18th century, while wood fences, for the wealthy, became increasingly decorative. Cast iron became prevalent in the second half of the 19th century, as did elaborately detailed wood fences, but many of these disappeared in the early 20th century: Ornament in general fell out of favor, and metalwork was often melted down for military purposes.

Today a enormous variety of fencing has become available, including types unknown until recently, such as PVC and metals with high-tech finishes. But the basic requirements of fences and gates have remained the same: Creative design and good workmanship are still crucial.

How do you specify and get high-quality fences and gates? What are the signs of shoddy workmanship? What are the advantages and disadvantages of different materials and finishes? What are the best installation techniques? We interviewed manufacturers who work with wood, including

Fred Good of Brattle Co.; Richard Ross of Heritage Fence; and Gary Womble of Acorn Fence; manufacturers who work in metal, including Robert Baird of Historical Arts & Casting; Scott Howell of Robinson Iron; and Dave Beukamp of Historical Fence and Ironworks. We also spoke to PVC supplier David Blum of Bufftech, and to antique fence and gate sources Joe Ley of Ley Antiques and John Greer of Governor's Antiques. ♦

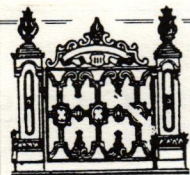
Who's In This Special Report

The 38 companies included in the SourceList on pages 6 and 8 include manufacturers of wood, metal, and PVC fences and gates. They range from one-man shops with all-custom lines to major manufacturers of stock products, and from new establishments to 100-year-old companies still offering vintage designs. Some specialize in fences and gates, others produce them as part of broader selections. We've also included several antiques dealers who supply old metal fences and gates.

As noted, some of their literature is free and some is not. If you need information immediately, call or write the companies directly. We've provided all contact information on the SourceList. (Please mention TRADITIONAL BUILDING.) If you simply need information to update your files, you may find it more convenient to use the enclosed Product Information Card or the Form on page 46.

FENCE & GATE DESIGN CHECKLIST

GENERAL ADVICE	<ul style="list-style-type: none"> Consider the landscape: Certain fence styles, such as curve-topped or flat-topped rails, don't adapt easily to hills, while pickets can rise and fall gracefully with the terrain. Allow for future landscaping: Will the owner change the gardens often, or soon install a pool? Avoid the common mistake of overfencing; the owner may not need a big barrier around the property, but only privacy in certain areas.
WOOD	<p>DESIGN: Nails, screws, mortise-and-tenon joints, and dowels are all options. Mortise-and-tenon joints look handsome, as do dowels, but both are prone to rot. Screws allow changes to be made without ripping apart the fence.</p> <p>WOOD SELECTION: For visible areas, western red cedar or northern white pine boards and rails with kiln-dried pressure-treated southern yellow pine (CCA .40) in-ground posts are best. (Pressure-treated rails and boards are fine for less visible spots.) The posts, which lose their looks quickly, can be disguised with above-ground northern white pine or cedar sleeves.</p> <ul style="list-style-type: none"> Wax-emulsion pressure-treated posts are also an option, but they have not yet proven their long-term durability and they cost 15% more. Another option is cedar in-ground posts. They age well and do not pose the environmental hazards of pressure-treated, which has to be handled with gloves and sawn wearing masks, and which can't be burned and so will one day end up in a landfill. <p>FINISHES: Latex stain is low maintenance, comes in opaque formulas, and does not fade readily. (Prime northern white pine before staining.) However, its finish is flat and not well suited to visible areas.</p> <ul style="list-style-type: none"> Paint requires re-application but gives a more polished look. <p>WORKMANSHIP: Watch for open joints, missing structural pieces, thin pieces (commercially available pickets can be as thin as 1/2 in. and last perhaps 3 or 4 years); gaps where boards meet posts or rails; nails or screws not well sunk.</p> <p>INSTALLATION: Fence posts should extend 3 ft. into the ground.</p> <ul style="list-style-type: none"> Post holes should be filled with soil. (For pressure-treated, concrete hole filler is overkill, and for non-pressure-treated, concrete holds water.) If the soil is loose, sandy, or wet, stiffen it by mixing in some Portland cement. Gate posts should be thicker than fence posts and set in concrete.
METAL	<p>DESIGN: Fences generally need to be supported by a post every 5 or 6 ft.</p> <ul style="list-style-type: none"> To reinforce heavy gates unobtrusively, continuous welding and lateral ties are options, as is an I-beam along the gate's bottom. Scrolls and other small ornament can also serve as braces. Masonry posts for heavy gates should be equipped with steel reinforcing rods, or the gates should be hung directly on steel columns disguised in masonry. The best hinges for heavy gates contain stainless-steel pins and ball bearings and can be lubricated. (Lawler and Stanley are two recommended manufacturers.) Use two hinges rather than three; gates with too many hinges get stuck easily. <p>MATERIALS: Aluminum is 1/3rd the weight of steel or iron; steel and iron are stronger and easier to repair. Bronze and copper are rust-free but expensive and prone to theft.</p> <ul style="list-style-type: none"> Tubular iron, unless galvanized, will rust inside. Tubular is acceptable if budgets are tight, if weight is a consideration, and if tubes are installed so that they can drain. <p>WORKMANSHIP: Watch for welds that look like wads of bubble gum; weld splatters; and discontinuous lines on either sides of posts.</p> <p>INSTALLATION: In most cases, set the posts in concrete.</p> <ul style="list-style-type: none"> Lead, the predominant 19th-century setting material, can be used if the posts are being set in holes drilled in stone, or if there is danger of abuse (a fallen post set in lead can be re-erected easily). However, lead is costly, and its fumes, of course, are hazardous. <p>FINISHES:</p> <p>GALVANIZING Advantages: The Rolls Royce of coatings, galvanizing is tough and environmentally safe to apply; it can be patched with spray, and if it is pierced, its molecular properties are such that it tends to heal itself.</p> <p>Disadvantages: Even a top-notch galvanizing job will leave runs and drips that need to be sanded off; not many galvanizing shops can handle large gate or fence sections, and smaller sections require more drilling and gouging to assemble, causing more rust-prone holes; and a bad galvanizing job can ruin details.</p> <p>EPOXY: Recommended Formulas: DuPont's Corlar, a zinc chromate; also Tnemec's system: 90-97 Tneme-Zinc primer, Series 73 Endura-Shield III enamel, and Series 66 Hi-Build Epoxoline. (Tnemec Co., Box 411749, Dept. TB, Kansas City, MO 64141 (816) 483-3400.)</p> <p>Advantages: Two-part epoxy systems are the BMWs of coatings. They are cheaper than galvanizing and only slightly less tough, and they can be touched up.</p> <p>Disadvantages: Epoxy application is not a job for laypeople, and it requires spraying, an environmentally unhealthy technique. Also, the surfaces sometimes need sanding before touch-ups will bond to them.</p> <p>PAINT: Red-oxide primer with industrial alkyd enamel is an old favorite, and cheap. Re-apply every two years, strip every 40 years, and ironwork can easily last a century.</p> <p>OTHER FINISHES: Numerous baked-enamel and powder-coating systems are now on the market; they all have the disadvantage that repairs are difficult.</p> <p>MISCELLANEOUS ADVICE: Resign yourself to the knowledge that no matter how much money you spend on coatings, some rust will occur.</p>
PVC	<p>Advantages: Difficult to damage and generally comes with long warranties; never needs repainting; a number of handsome traditional designs now available; looks like wood from a distance.</p> <p>Disadvantages: Limited custom work available, and only a few colors, and colors other than white can cost extra. If damage occurs, replacement is the only attractive solution, and up close PVC does not convey the warmth and solidity of wood.</p>
ANTIQUE FENCING	<p>Advantages: Handsome antique designs and workmanship; the pleasure of owning something with a provenance.</p> <p>Disadvantages: Pieces badly rusted or bent may be difficult to repair. Repairs must be handled by specialists, so buy from a source who can restore ironwork or knows where to get the work done properly.</p>



TRADITIONAL BUILDING'S FENCES & GATES SOURCELIST

continued
CSI# 02800

□ BY EVE M. KAHN

COMPANY	SPECIALTY	Literature	Materials	Style/Type	% Custom
Acorn Fence 500 State Ave., Dept. TB Tiverton, RI 02878 401-625-1356	4-year-old wood fence and gate manufacturer; specializes in elaborate traditional designs; 25 finials and 10 picket shapes; gates range from simple raised panels to Chinese Chippendale fantasies. Also lattice, trellis, gazebos, pergolas, and bridges.	Free	western red cedar	as specified, (Colonial & Victorian specialties)	100%
Antique Cast Iron RD 1, Box 187R, Dept. TB Cherry Valley, NY 13320 607-264-3607	Cast-iron restoration specialists who can reproduce antique fences and gates, working from originals or images, and can repair.	None	cast iron	as specified	100%
Bokenkamp's Forge 10132 Liberty Rd., Dept. TB Powell, OH 43065 614-889-0819	One-man forge that can work in any metal or style and has extensive design experience.	Portfolio	metal as specified	as specified	100%
Bow House Randall Rd., Dept. TB Bolton, MA 01740 508-779-6464	Along with kits for gazebos, ornamental bridges, and other wooden garden structures, the company fabricates wooden fencing to spec. Intricate styles such as Chinese Chippendale are a specialty, as are serpentine fences.	Free Write in No. 345	wood as specified	as specified	100%
Brattle Co. Box 536, Dept. TB Cambridge, MA 02238 617-864-2110	Wood fences and gates, most based on 18th- and 19th-c. designs; museum-quality reproductions, rounded corners, elaborate posts and finials, and latticework are specialties.	Free	western red cedar, northern pine	as specified	50%
Bufftech 2525 Walden Ave., Dept. TB Buffalo, NY 14225 800-333-0569	PVC picket fences, most available in 3-, 4-, or 5-ft. heights and many with traditional finials and posts.	Free	PVC	Colonial, utilitarian	5%
Charring Cross Roads Box 321, Dept. TB St. Cloud, MN 56302 612-251-5106	Importer of aluminum reproductions of 19th-c. ironwork, including wide variety of filigree fences and gates.	Send \$2 for catalog	aluminum	Victorian	25%
Cross Industries 3174 Marjan Dr., Dept. TB Atlanta, GA 30340 404-451-4531	Manufactures PVC lattice in 9 colors plus white, in diagonal and rectangular patterns; minimizes maintenance headaches.	Free Write in No. 23	PVC	utilitarian	5%
Dutch Products & Supply 166 Lincoln Ave., Dept. TB Yardley, PA 19067 215-493-4873	Fences and gates imported from Holland, topped by scrollwork alternating with spears: Stock gate width, 12 ft.; stock fence heights, 33 or 44 in., with custom sizes (but not patterns) available.	Free Write in No. 705	galvanized steel	Colonial	10%
Eastern International 515 Johnson Ave., Dept. TB Bohemia, NY 11716 800-FENCE88	"Creative Mix-N-Match" system: 21 modular components for traditional wood fences and gates. Patterns include solid panels, pickets with or without ornamental tops, cut-outs, and lattice. Gates can be 3-1/2 or 5 ft. W and any height.	Free Write in No. 682	northern white cedar	Colonial, Victorian	10%
Elm Industries 1539 Race St., Dept. TB Cincinnati, OH 45210 513-241-7927	30-year-old metalwork manufacturer that specializes in fences, gates, and security grates, primarily for residential buildings. Will make house calls in Cincinnati area.	Free	iron	as specified	100%
Empire Woodworks Box 407, Dept. TB Johnson City, TX 78636 512-868-7520	Family-owned woodwork shop that produces Victorian balusters, newel posts, finials, and rails for fences and gates as well as other architectural ornament.	Free Write in No. 683	redwood, cedar, poplar	Victorian	10%
Goldenrod Ironworks 144 Bedford Ave., Dept. TB Brooklyn, NY 11211 718-782-2409	Small custom fabricator that produces, among other architectural metalwork, fences and gates, typically for projects in the New York area. Specialties include castings and "challenging or unusual designs and restorations, in any metal."	None Write in No. 685	metal as specified	as specified	100%
Governor's Antiques 6240 Meadowbridge Rd., Dept. TB Mechanicsville, VA 23111 804-746-1030	4-1/2-acre salvage yard that has "more longer runs of antique fencing than anyone else." Iron gates to 25 ft. W, fence runs to 4300 ft. L, all restored; installation service available. Also copies of antique fences and gates based on originals, images, or 750 stock patterns.	Free	iron, aluminum	Colonial, Victorian	25%
Heritage Fence Box 121, Dept. TB Skippack, PA 19474 215-584-6710	Specialists in accurate reproductions of historic wood fences and gates, based on patterns found in old books or at historic buildings. Also arbors, trellis, lattice panels, and "anything other fence companies can't offer." Will travel to install in Pennsylvania area.	Free Write in No. 559	pine, western red cedar, spruce	Colonial, Victorian, utilitarian	50%
Historical Arts & Casting 4130 W. 1939 S., Unit F, Dept. TB Salt Lake City, UT 84104 801-974-0242	Major cast-metal restoration and fabrication company that builds fences and gates based on originals or images, including pictures from its own collection of Victorian foundry catalogs.	Free brochure; send \$5 for catalog Write in No. 121	bronze, iron, aluminum, steel	as specified, with Victorian a specialty	100%
Historical Fence and Ironworks Box 141459, Dept. TB Cincinnati, OH 45250 513-244-1442	Fence and gate specialists for large and small projects; staff will travel to install. 14 stock designs include hairpins and spears linked by scrolls and rails. Line and newel posts, 13 gates, and 20 finials also available.	Free Write in No. 686	iron	Colonial, Victorian	90%
Land Marks RR2, Box 8036, Dept. TB Milford, PA 18337 717-296-8354	Small forge that restores or fabricates fences and gates in any style "from very modern to French Provincial." Specialists in complicated forge work for high-end residential or commercial buildings.	Free Write in No. 689	iron, aluminum, bronze	as specified	100%
Lawler Machine & Foundry Box 320069, Dept. TB Birmingham, AL 35232 205-595-0596	1,000 types of metalwork, with fences and gates mainly in elaborate Victorian styles, including a reproduction of the famous Cornstalk fence in New Orleans. Also fence and gate parts such as Victorian newel posts and over 100 types of finials/spears.	Free brochure; send \$5 for catalog	iron, aluminum, steel	Colonial, Victorian	10%
Ley Antiques 615 E. Market St., Dept. TB Louisville, KY 40202 502-583-4014	Two acres of architectural antiques, including iron fences: Loop and spear, picket, and other traditional Victorian styles, typically in 6-ft. lengths. Also a wide variety of antique gates as well as custom fences and gates based on originals or images.	None	iron	as specified	25%

Distinctive Ideas in Affordable Picket Fence and Gates.

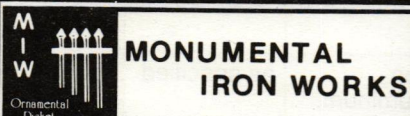


Choose swing or slide gates if you choose **MONUMENTAL IRON WORKS** you can be sure they will work.

Galvanized Steel With Baked on Polyester Overcoat Finish Guaranteed 15 Years.



Monumental Iron Works' piers can be used in place of stone or brick columns in the line of fence shown above. They can also be used as gate posts.

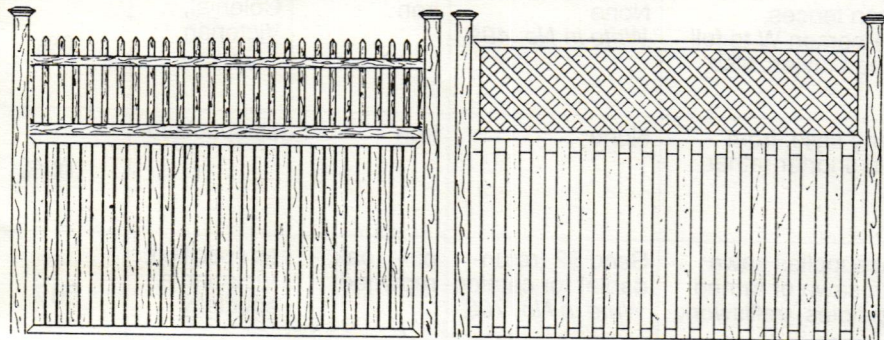


Manufactured by

6500 Eastern Avenue
Baltimore, Maryland 21224
301-633-6500

WRITE IN NO. 691

CREATIVE MIX-N-MATCH™ CEDAR FENCING



- Design your own fence from 21 stock components ■
- 10,000 possible combinations ■ 100% Northern white cedar ■
- Beautiful grain & texture ■ Resists termites & decay ■
- Can be stained or weather naturally ■
- Aluminum nails ■ 15-year warranty ■

Send for our Mix-N-Match Cedar Fencing Brochure.

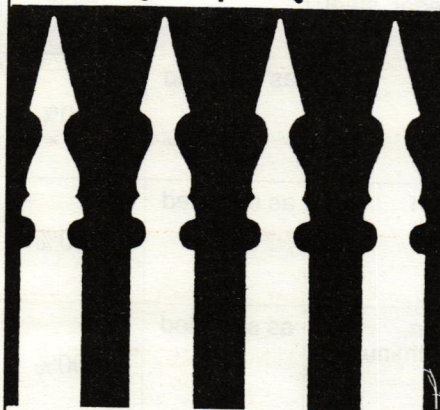
Eastern International, Inc.



515 Johnson Ave., Dept. TB, Bohemia, NY 11716 (516) 563-2900

WRITE IN NO. 682

Victorian fence pickets



These rare, historically documented Victorian fence pickets were popular in Texas around the turn of the century.

Our firm is recreating this classic fleur-de-lis motif design in your choice of lumber starting at \$2. each. The dimensions are 3/4" X 2 1/4" X 42". For free mail order information call or write to:

Texas Standard Picket Co.

606 West 17th St., Ste. 304
Austin, Texas 78701-1151

(Enc. \$2.25 for cypress picket sample.)
512/472-1101 F.H. Morey, Prop.

WRITE IN NO. 572

the Original CROSS VINYLattice



Never Needs Painting

Now or soon to be available at over 1000 fine stores

Lasts A Long Time

For more information call
1 800 521-9878

WRITE IN NO. 23

White Oak Forge, Ltd.

makers of fine hot-forged custom iron gates & rails



for a portfolio of recent works, send \$4.00 to:

White Oak Forge, Ltd.
P. O. Box 341
The Plains, Virginia 22171

703 - 253 - 5269

WRITE IN NO. 698



Iron and Brass Office Front - Manhattan, NY

FUNCTIONAL ART IN METALS
INFORMATION BY REQUEST

LAND MARKS INC.

RR 2 BOX 8036 • MILFORD, PA 18337 • (717) 296-8354

WRITE IN NO. 689

FINE ARCHITECTURAL METALSMITHS

Forgework and fine hand construction. Project development from client specs or from our own design archives. Drive gates, fencing, grillework, railings, furnishings and accessories.

Recent commissions include textured steel rails for the Federal Reserve Bank of New York, and the restored City Hall of Lewiston, Maine.

Gate Folio \$3.50 • For project query:

NEW ENGLAND TOOL CO. LTD.
PO Box 30, Chester, NY 10918 • (914) 782-5332



WRITE IN NO. 264



TRADITIONAL BUILDING'S FENCES & GATES SOURCELIST

CSI# 02800

□ BY EVE M. KAHN

COMPANY	SPECIALTY	Literature	Materials	Style/Type	% Custom
Lone Star Iron Works Box 1343, Dept. TB Weatherford, TX 76086 817-594-8584	4 stock Victorian fence styles with spikes, hairpins, and/or scrolls; matching gates and end fans; 40 to 72 in. H. Fences \$12-\$25 per lin.ft. in 10-ft. lengths; gates \$200-\$225, fans \$120-\$175; 20% trade discount. Plain and Victorian posts; also custom replicas and repairs.	Free	iron	Victorian	40%
Mad River Woodworks Box 1067, Dept. TB Arcata, CA 95525-1067 707-668-5671	Victorian woodwork supplier that offers, for fences and gates, turned balusters, posts, newels, and finials; sawn pickets and balusters; and rails.	Send \$2.50 for catalog <i>Write in No. 35</i>	redwood	Victorian	20%
Monumental Iron Works 6500 Eastern Ave., Dept. TB Baltimore, MD 21224 301-633-6500	99-year-old steel fence manufacturer which uses traditional techniques and patterns; stocks components and assembles to order. Pickets as well as cast-filigree panels; also wide variety of slide, swing, single, and double gates.	Free <i>Write in No. 691</i>	galvanized steel	Colonial, Victorian, utilitarian	80%
Moultrie Manufacturing Box 1179, Dept. TB Moultrie, GA 31776-1179 800-841-8674 or 912-985-1312	Major manufacturer supplies custom gates and fences. Suggested designs incorporate oak leaf, bird, shell, filigree, and grapevine patterns as well as hoops and spears. Gate kits available, with double gate, wing panels, aluminum posts, lanterns, brackets, latches, and bolts.	Free brochure; send \$3 for design kit	aluminum	Victorian	100%
New England Tool Box 30, Dept. TB Chester, NY 10918 914-782-5332 or 651-7550	Small forge designs and fabricates reproduction or historically appropriate gates and fences for driveways, estates, gardens, entries. Electronic controls available. Recent projects include gates for Lewiston, NY, and stair rail for Federal Reserve Bank in New York City.	Free <i>Write in No. 264</i>	iron, aluminum, bronze, steel, brass	as specified	85%
Robinson Iron Robinson Rd., Dept. TB Alexander City, AL 35010 205-329-8486	Major cast-iron restoration and supply firm that has built or recreated fences and gates for historic sites, including parks, homes, Main Streets, and civic and commercial buildings. Stock bollard, stanchion, and post designs wotj fluted or embossed bases and tops in the form of simple spheres or elaborate urns.	Free	iron, aluminum, bronze	as specified; Victorian a specialty	85%
Salvage One 1524 S. Sangamon St., Dept. TB Chicago, IL 60608 312-733-0098	Architectural salvage yard with large stock of iron fences, widow's-walk to 4-1/2 ft. H, and gates from one-person W to full driveway and entry sets. American and European styles; also window guards.	None <i>Write in No. 499</i>	iron	Colonial, Victorian	0%
Siglar Blacksmiths 315 S. Lawn, Dept. TB Kansas City, MO 64124 816-231-6633	Custom forge that builds fences and gates in any style, from Colonial to Victorian to Art Deco. Specializes in shorter rather than longer fence runs; gates can be any size.	None	iron	as specified	100%
Silver Creek Mill Rt. 4, Box 216B, Dept. TB Forsyth, MO 65653 417-546-4472	Family-owned ornamental woodwork shop that supplies sawn balusters for fences and builds small gates with sawn or turned components: Patterns include trees, rows of spindles, trelliswork, and sawn work topped by hearts.	Send \$2 (refundable) for catalog <i>Write in No. 708</i>	pine, oak, redwood	as specified; Victorian a specialty	50%
Steptoe & Wife Antiques 322 Geary Ave., Dept. TB Toronto, Ont., Canada M6H 2C7 416-530-4200	Large restoration-supply store that distributes Lawler ironwork in Canada, can incorporate Lawler pieces into custom designs, and also offers custom cast work based on images or originals.	Send \$8 for catalog <i>Write in No. 47</i>	iron, steel, aluminum, bronze	as specified	100%
Stewart Iron Works 20 W. 18th St., Box 2612, Dept. TB Covington, KY 41012 606-431-1985	105-year-old iron fabricator specializing in fences and gates; will customize their 19th-c. designs. Experienced with design, engineering, specification; customers include museums, national parks, churches, new construction as well as restorations.	Free <i>Write in No. 267</i>	iron, aluminum, steel	as specified; Victorian a specialty	50%
Texas Standard Picket 606 W. 17th St., Ste. 304, Dept. TB Austin, TX 78701 512-472-1101	Reproductions of c.-1900 fence pickets and posts. Pickets measure 3/4 by 2-1/4 by 42 in. (\$2 to \$7.50 ea., depending on wood); posts measure 4 sq.in. by 6 ft. (\$25 or \$36).	Free flyer; \$2.50 for picket sample pattern <i>Write in No. 572</i>	cedar, pine, redwood, cypress	Victorian	10%
Triple Crown Fence Box 2000, Dept. TB Milford, IN 46542 219-658-9442	PVC fencing with from 1 to 5 rails or planks, from 4 to 9 ft. H, with square or round posts.	Free	PVC	utilitarian	0%
Walpole Woodworkers 767 East St. (Rt. 27), Dept. TB Walpole, MA 02081 508-668-2800	57-year-old manufacturer of wide variety of Colonial and Victorian fences and gates. Patterns from peeled-pole pickets to posts trimmed with molding and dentils; 6 styles are exact copies of 18th-c. originals at Colonial Williamsburg.	Send \$6 for catalog	northern white cedar, steel	Colonial, Victorian	25%
R. Walsh Forge & Foundry Rte. 1, Box 83, Dept. TB Stockholm, WI 54769 715-442-3102	Small blacksmith producing fences and gates to spec. Religious, civic, residential, and commercial buildings; can repair, restore, and recreate antique designs.	Free	iron	as specified	100%
White Oak Forge Box 341, Dept. TB The Plains, VA 22171 703-253-5269	Artist-blacksmith shop that can design as well as fabricate. Has worked on gates and fences, from cathedrals to modest gardens, and often uses traditional joinery methods: Rivets, collars, mortise and tenon joints, and fire welding.	Free <i>Write in No. 698</i>	iron	as specified	100%
Wonderland Products 5772 Lenox Ave., Dept. TB Jacksonville, FL 32205 904-786-0144	Family-owned 40-year-old forge that builds gates and fences based on images or originals and also repairs old pieces, for residential and commercial buildings. Has won numerous awards from the National Ornamental & Misc. Metals Assn.	None	iron, aluminum	as specified	100%

About The International Fence Industry Association (IFIA)

In 29 years, the International Fence Industry Association has attracted 600 members here and overseas, including contractors, suppliers, and manufacturers. Professionals who need fencing can contact the association at the address below and will be referred either to a specific company or to one of the organization's 22 regional chapter presidents who can supply the name of a specific company.

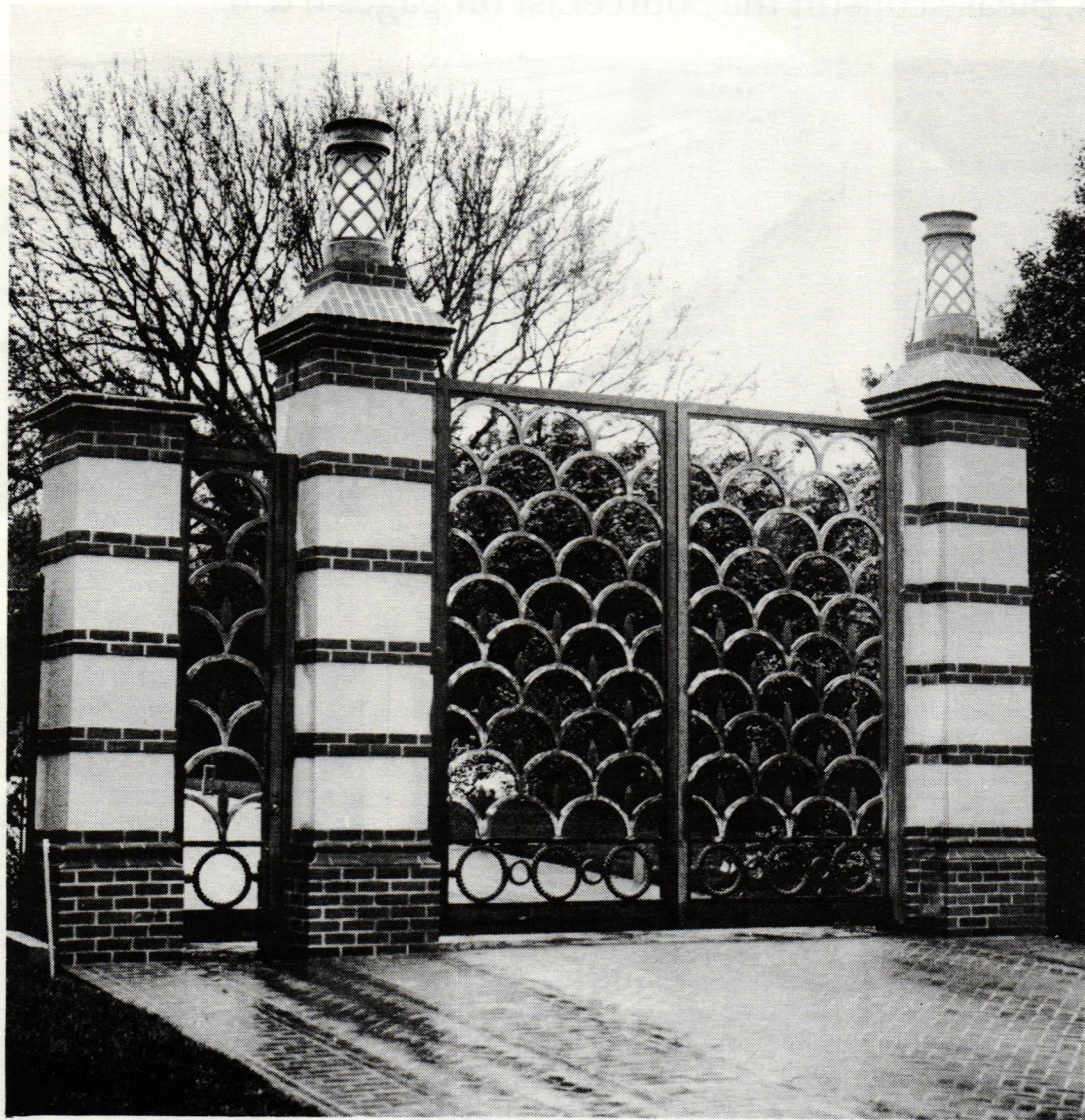
IFIA's other offerings of particular interest to architects and contrac-

tors are its annual convention and trade exhibit, FENCETECH, and its regional educational seminars. The following companies that are on the SourceList are members of the IFIA: Bufftech, Eastern International, Lawler Machine & Foundry, Monumental Iron Works, and Triple Crown Fence.

For more information, contact: **International Fence Industry Association, Inc., 5300 Memorial Drive, Ste. 116, Stone Mountain, GA 30083 (800) 822-IFIA or 404-299-5413.**

PRESERVING OUR PAST AND BUILDING THE FUTURE

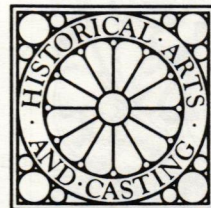
HISTORICAL ARTS & CASTING



Over a century ago, craftsmen fashioned cast metal into elegant store fronts, grand entrances, canopies, light fixtures, furniture, fountains and a number of other architectural details.

A hundred years later, designers and craftsmen at Historical Arts & Casting are creating traditional cast metal ornamentation with the same care as their predecessors in iron, bronze and aluminum.

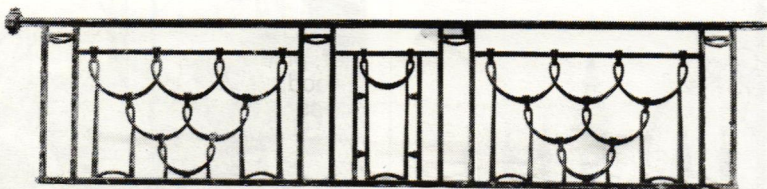
Please call or write for more information.



HISTORICAL ARTS & CASTING, INC.
 1939 South 4130 West, Unit F
 Salt Lake City, Utah 84104
 Tel: 801-974-0242 Fax: 801-974-5832

WRITE IN NO. 121

AMERICAN, ENGLISH AND CONTINENTAL IRONWORK



French Art Deco Cast Iron Balcony Railing measuring: 24" x 64"

Included in our inventory are driveway gates, garden gates, fencing, posts, window guards, door guards, and complete entryways from the 19th and early 20th centuries.

SALVAGE ONE ARCHITECTURAL ARTIFACTS

We are always interested in acquiring fine architectural property.

1524 South Sangamon Street Chicago, Illinois 60608
 (312) 733-0098 FAX (312) 733-6829
 Tuesday through Saturday, 10:00 a.m. to 5:00 p.m.

WRITE IN NO. 499

Authentic Colonial and Victorian Fence Reproductions

Finecrafted fence pickets,
gates and posts

Custom Designs available



Heritage Fence Company
 P.O. Box 121 Skippack, PA 19474
 (215) 584-6710

WRITE IN NO. 559

Heavy Steel Galvanized ENTRANCE GATES

Imported from Holland. Available in standard 12 ft. stock, or to your specification and size; fence extensions to match in various heights. Also in a variety of outdoor lights for streets, driveways, garden, patios, pools in Victorian and Colonial styles. Catalog & price list on request \$1.00.

Dutch Products & Supply Co.
 166 Lincoln Ave., Dept. TB
 Yardley, PA 19067
 (215) 493-4873

WRITE IN NO. 705

THE STEWART IRON WORKS COMPANY

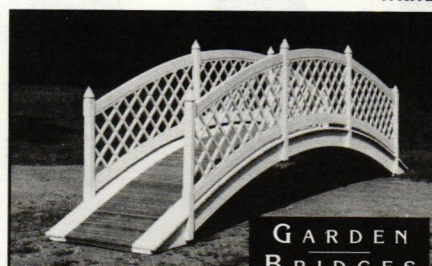
QUALITY ♦ SINCE ♦ 1886

- All orders custom fabricated
- Specializing in Victorian/Edwardian styles

- Forge and anvil construction
- Write for our new "1913 Catalog" (Enclose \$2 for handling & postage)

20 West 18th St.—P.O. Box 2612
 Covington, Ky. 41012-2612
 606-431-1985

WRITE IN NO. 267



GARDEN BRIDGES

Arched Bridges
 8' to 40'. Any width.
 Shipped one piece
 or kit. Many styles.
 Send \$3 for literature.



BOWBENDS™

P.O. Box 900TB Bolton, MA 01740 508/779-2271

WRITE IN NO. 345

ALL METALWORK

GOLDENROD IRONWORKS fabricates designs in iron, steel, brass, bronze, and aluminum; from hand-made hardware to structural steel, including custom spiral, circular, and elliptical stairs. All work is installed, insured and guaranteed to the most exacting specifications. Call or write

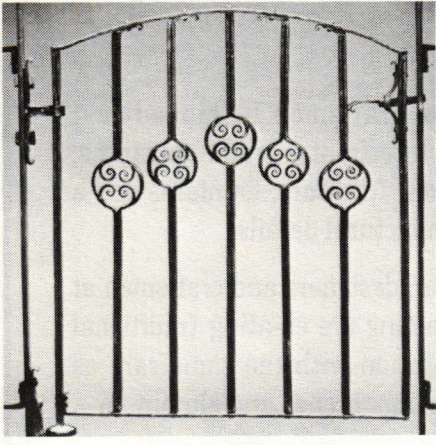


GOLDENROD IRONWORKS
 144 Bedford Avenue, Dept. TB
 Brooklyn, NY 11211
 (718) 782-2409

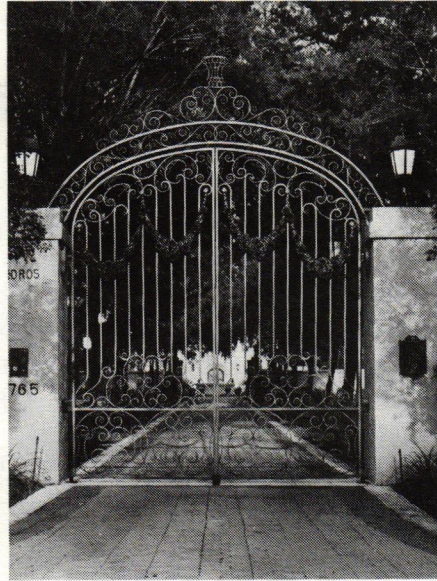
WRITE IN NO. 685

FENCES & GATES SHOWCASE

Shown are some traditionally styled fences in a variety of materials. For contact information, please consult the SourceList on pages 6 & 8.



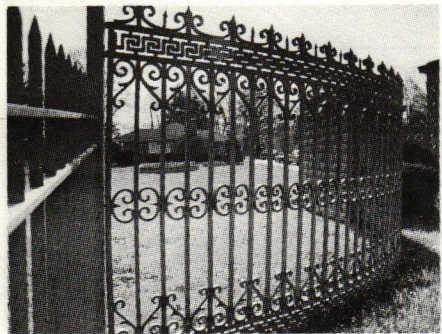
A garden gate with curlicues from White Oak Forge



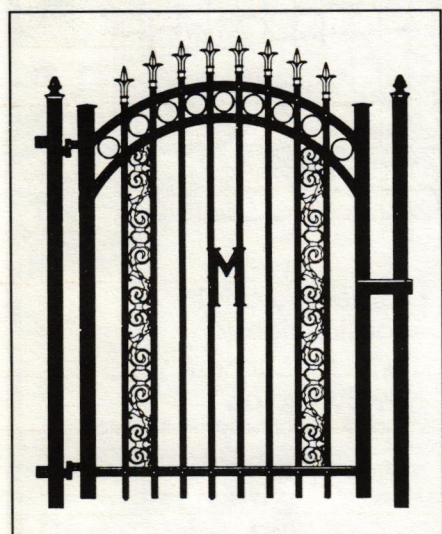
Thick garlands on a driveway gate by Wonderland Products



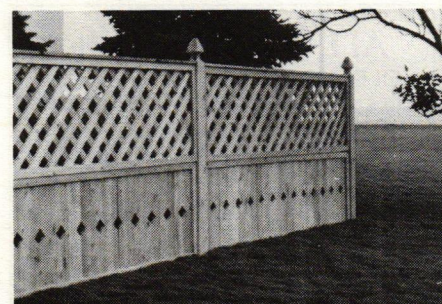
One of many period fence patterns Historical Arts & Casting can reproduce



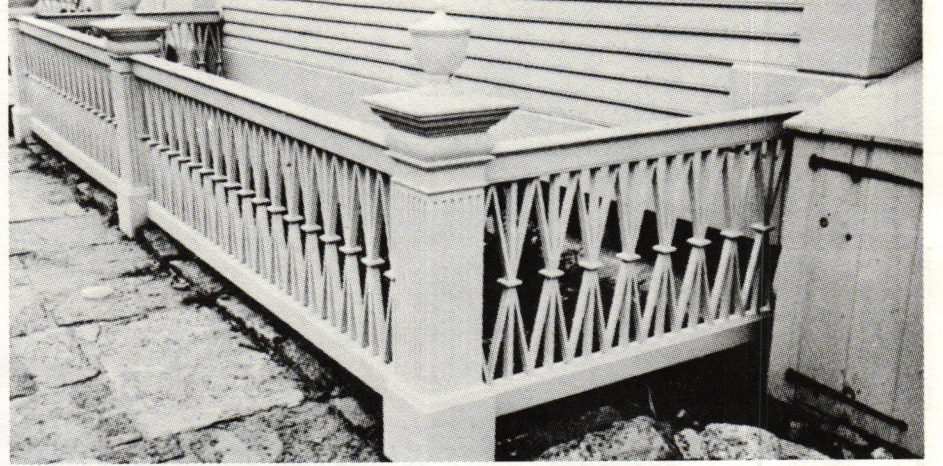
Curved panel from Stewart Iron Works



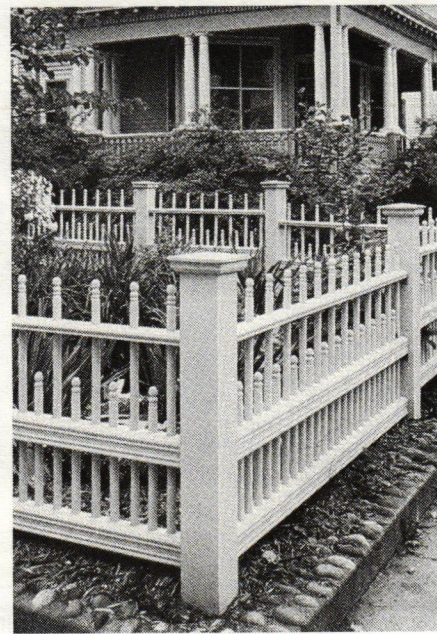
Scrollwork and a monogram on a Monumental Iron Works gate



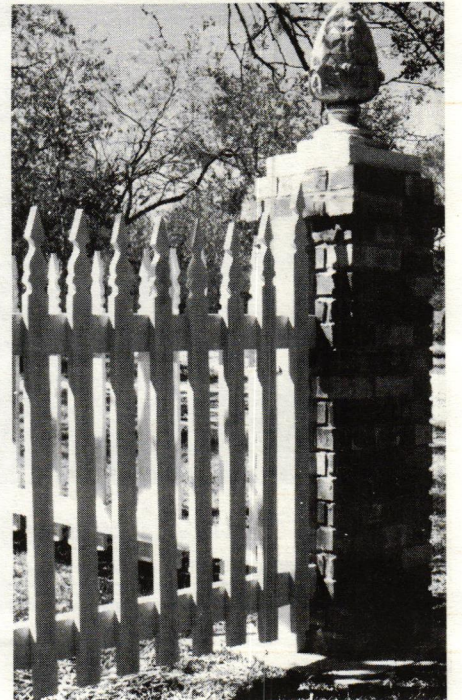
Lattice and cutout panels, part of Eastern International's 21-piece Creative Mix-N-Match fence system



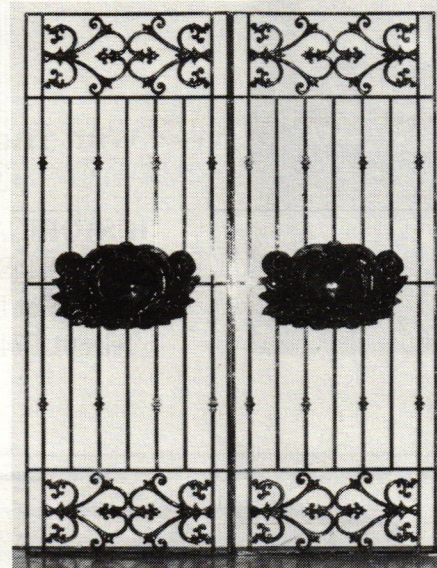
Fluted posts and crisscross fence panels from Acorn Fence



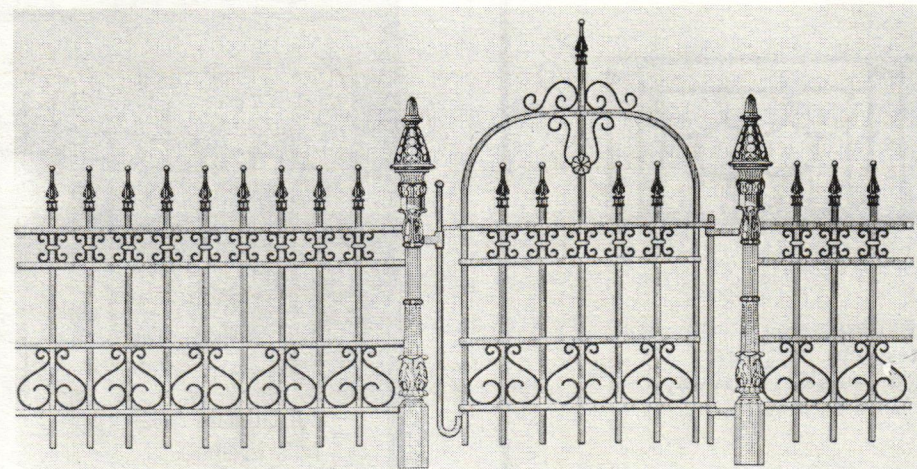
A house-appropriate fence by Walpole Woodworkers



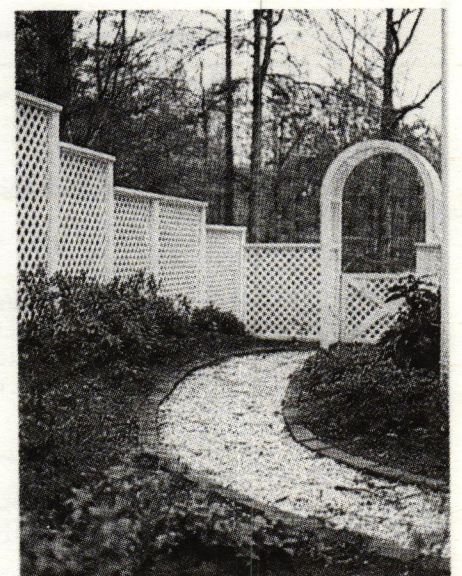
Victorian pickets reproduced by Texas Standard Picket



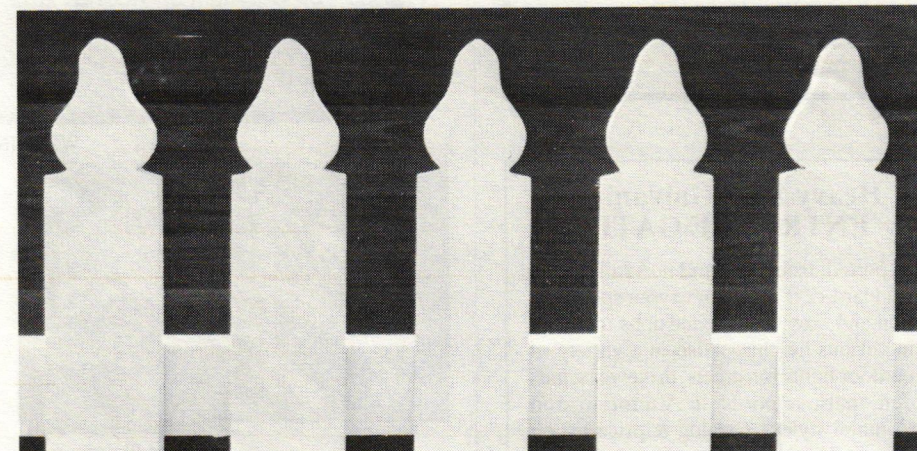
Flourish-embellished gate from Step-toe & Wife Antiques



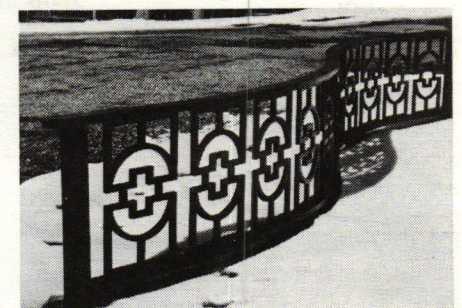
Style 115, from Historical Fence and Ironworks



Stepped panels made with Cross Industries' PVC VINYLattice



Detail of shaped pickets from Heritage Fence



Serpentine Chinese Chippendale fence from Bow House



Historical Fence and Ironworks


HANDCRAFTED IRONWORKS

- FENCING
- GATES
- CUSTOM FABRICATION TO ANY DESIGN
- GARDEN ACCESSORIES
- CONSULTING SERVICES

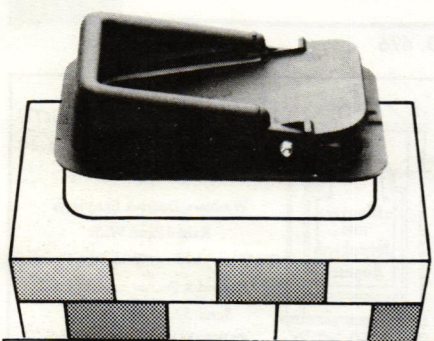
P.O. BOX 141459
CINCINNATI, OH 45250 (513) 244-1442

Catalog \$2.00

WRITE IN NO. 686



Division 4 MASONRY



ABOVE ALL... THERE'S LYEMANCE


TOP SEALING FIREPLACE DAMPER

- Easy installation and low cost.
- Durably constructed of cast aluminum and stainless steel construction for long use.
- Prevents cold down-drafts and moisture from rain and snow.
- Seals in heat and air conditioning for better efficiency.
- Keeps out birds and animals.

LYEMANCE INTERNATIONAL

P.O. Box 505 • Jeffersonville, IN 47131
(812) 288-9953 • Fax (812) 283-3692

WRITE IN NO. 512



Division 6 WOOD & PLASTICS

Victorian One

Cast Spiral Stair Kits



Shown with optional Brass Handrail, In-Between Spindles and Scroll Tread Ends

NEW!
Introductory Price
\$3600

F.O.B. Broomall, PA
for 5'0" Diameter Kit
(fits heights 8'0" to 8'8 1/2")

© 1990, THE IRON SHOP

A magnificent spiral for Victorian or contemporary settings—with the beauty of cast iron, but not the weight! All components, except handrail, are solid castings of high strength aluminum alloy.

Call or Write for Free Color Brochure:
THE IRON SHOP Dept. VTB31 215-544-7100
Box 547, 400 Reed Road, Broomall, PA 19008

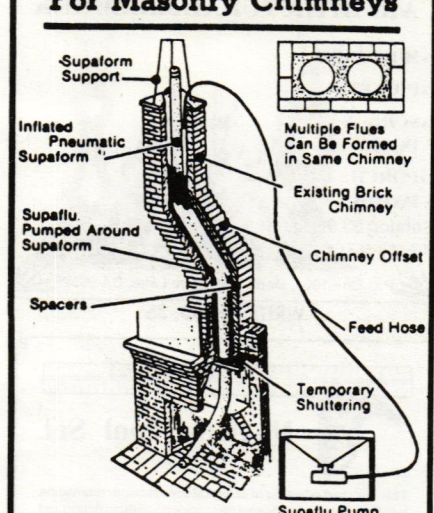
Now! Showroom/Warehouse Locations in:
Pomona, CA 714-598-5766 Sarasota, FL 813-923-1479
Houston, TX 713-789-0648 Chicago, IL 708-952-9010
Sarnford, CT 203-325-8466

THE IRON SHOP
MANUFACTURERS

WRITE IN NO. 356

supaflu™

The Ultimate Flue Liner For Masonry Chimneys



Labels in diagram: Supaflu Support, Inflated Pneumatic Supaflu™, Supaflu Pumped Around Supaflu™, Spacers, Multiple Flues Can Be Formed in Same Chimney, Existing Brick Chimney, Chimney Offset, Feed Hose, Temporary Shuttering, Supaflu Pump.

Cast-In-Place Lining

- Seals
- Cures Condensation
- Insulates
- Improves Combustion Efficiency
- Lines & Makes Chimneys Safe
- Impervious to Corrosion
- All in One Process

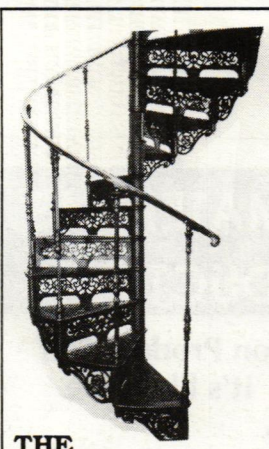
Tested and Listed by an ASTM and ACIL approved laboratory to UL 103-2,100 F., Canadian ULC-S629-M-1981 and UL Requirements for Non-Metallic Chimney Lining System — 1985.

Supaflu is recognized by the International Conference of Building Officials — Report No. 3937.

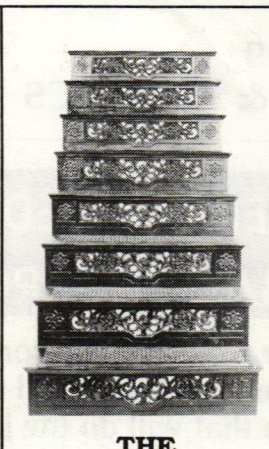
National Supaflu Systems
Chimney Lining and Relining

P.O. Box 89 Walton, NY 13856
(607) 865-7636

WRITE IN NO. 164



THE BARCLAY



THE KENSINGTON

Steptoe Manufactures & Distributes Quality Restoration Products:

- Cast iron spiral staircases
- Cast iron straight staircases
- W.F. Norman steel ceilings (Canada only)
- Anaglypta & Lincrusta embossed wallcoverings (Canada only)
- Shower convertos for old tubs (Canada only)
- Brass & steel railing systems
- Lawler cast iron railing & architectural detail (Canada only)
- Custom casting
- Solid teak garden furniture
- Plaster cornice & medallions
- Wood cornice moulding
- Exterior lighting

STEPTOE & WIFE ANTIQUES LTD.

322 Geary Avenue
TORONTO, ONTARIO M6H 2C7
(416) 530-4200 FAX (416) 530-4666

100 Years Behind the Times.™

WRITE IN NO. 47



AHRENS

Relines/Restores Masonry Chimneys

With The ONLY UL Listed, Two-Liner Cast-In-Place Masonry Process

- First liner insulates and strengthens
- Second liner seals and protects
- Both are immune to acids and moisture.
- No guess work. Mechanically applied.
- No exterior alterations.
- No metal to corrode.
- Improves heating efficiency —

All for a fraction of the cost of rebuilding!

Dealership network nationwide.
Call or write for more information.

AHRENS chimney technique


UL Listed

2000 Industrial Ave.
Sioux Falls, SD 57104

1-800-843-4417

WRITE IN NO. 244

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

Division 5 METALS



Salt & Chestnut

NEW, ANTIQUE & CUSTOM DESIGN

American Handcrafted
WEATHERVANES

651 Route 6A, West Barnstable
Cape Cod, Massachusetts 02668

Lectures • Appraisals • Displays
Illustrated Brochure, \$2.00 Refundable

WRITE IN NO. 659

CUSTOM HISTORICAL REPRODUCTIONS IN METAL

- CORNICES
- LOUVERS
- DORMERS
- BALUSTRADES
- SIGNS
- URNS
- FINIALS
- RAILINGS
- CUPOLAS
- STEEPLS

MANY STOCK DESIGNS AVAILABLE

CAMPBELLVILLE INDUSTRIES, INC.

P.O. Box 278-T Ph. 800-626-0350
CAMPBELLVILLE, KY 42718

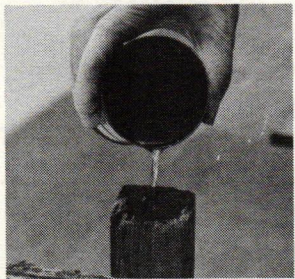
WRITE IN NO. 582

Division 6
WOOD & PLASTICS

**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 **WoodEpoxy** 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*. **WoodEpoxy** is a structural adhesive putty that fills, repairs, and replaces missing wood. It can be sanded, milled, stained, etc., like 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

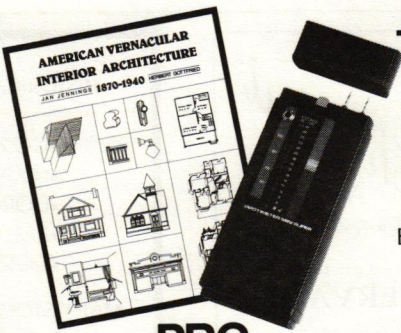
WRITE IN NO. 130

THE SOURCE FOR

PRESERVATION PRODUCTS

Books & Publications

- Conservation
- Rehab
- Maintenance
- Wood
- Masonry
- Moisture
- Paint
- Safety
- Documentation
- Diagnostics
- ...and many more



Instruments & Tools

- Moisture Meters
- Crack Monitors
- Wood ID Kits
- Salt Detectors
- Thermographs
- Hydrographs
- Light Scopes
- Electronic Measurers
- Monoculars
- Light Sources
- ...and many more

PRG

P.O. Box 1768 • Rockville, MD 20849-1768 • (301) 309-2222

WRITE IN NO. 671

Partelow's Custom Wood Turnings

- Balusters for staircases, decks, porches and fences
- Fluting
- Spiral rope twist
- Finials
- Furniture parts
- Newel posts — Bed posts
- Porch posts to 12' — Lamps
- Column bases — Spoon foot legs

No minimum order. Shipment coordination
Send \$2.50 for catalog.
For a free estimate call:
(203) 434-2065

Garry R. Partelow
34 Lyme St., P.O. Box 433
Old Lyme, CT 06371

WRITE IN NO. 496

MAD RIVER WOODWORKS
ARCHITECTURAL MILLWORK

- MOLDINGS
- PICKETS
- SCREEN DOORS
- PORCH PARTS

Catalog \$3.00
'07-668-5671
P.O. Box 1067, Dept. TB3, Blue Lake, CA 95525

WRITE IN NO. 35

17th and 18th Century Millwork

Maurer and Shepherd Joiners

Windows, Doors & Entryways
Raised Panel Walls
Old Glass, Moldings, Wide Pine Flooring
Beaded & Feather edge boards
Send \$2.00 for catalog.
CUSTOM WOODWORKING

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

Nucleus Tool Set

This matched selection of essential construction/renovation handtools will help you complete projects without delays and compromises caused by inadequate equipment. Each item represents the best available from established manufacturers such as Stanley, Ridgid, Vise-Grip, and Cooper Tools. The Nucleus Tool Set ends disruptive hunting and gathering and provides the foundation for any serious tool inventory.
Send for descriptive catalog.

DURABLE GOODS
- Products of Integrity -
P. O. Box 390225 - E
Cambridge, MA. 02139 - 0225

WRITE IN NO. 555

ConServ

EPOXY
Developed for Historic Structures

Consolidants
Patch
Adhesives
Structural Repair

sills / sash railings
balustrades
porches / steps
columns
siding / trim
cornices
rafters / vigas
beams / posts
plates / sills / studs
timber frame / logs

For Product Information
Conservation Services
8 LAKESIDE TRAIL, KINNELON, N.J. 07405 (201) 838-6412

WRITE IN NO. 175

Over 200 Years In The Making

Until it all but disappeared, Southern Longleaf Heart Pine was the "wood of choice" of the more discriminating Colonial craftsman. Now, The Joinery Company makes antique heart pine available in faithfully reproduced flooring, millwork, cabinetry, furniture and timber frames.
Send \$5.00 for our full color portfolio that demonstrates our old world standards of excellence and quality. Credit card orders accepted by phone. You can also see us in Sweets Catalog. Let us show you why Heart Pine should be your "wood of choice."

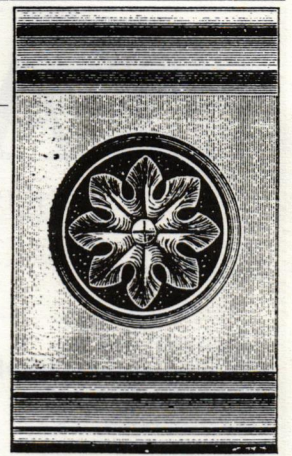
THE JOINERY CO.
Antique Heart Pine Flooring

P.O. Box 514-OHJ • Tarboro, NC 27886 • (919) 823-3306 • To order our portfolio call 1-800-726-7463

WRITE IN NO. 702

special report

Architectural Millwork: ENRICHING DETAIL



BY JUDITH SIEGEL LIEF

We all know that millwork adds enriching detail to an architectural design. Similarly, the specifier must provide plenty of enriching detail to the millwork supplier in order to complete a highly aesthetic *and* reasonably economical project. Here are some guidelines provided to bridge conflicts that may arise between professionals and their clients.

How does one become an informed purchaser of architectural millwork? John Walker at Walker Brothers says, "Ask someone! Call up a millwork shop with a good reputation and ask questions." Julie Ryder at Silverton Victorian Millworks declares, "Educating our clients is our strongest sales tool. We would never withhold information from anyone." However, before you call, consider the following guidelines; they may help you ask questions that will lead to writing more precise specifications.

■ Does the client really want wood? Wood, as a living material, has natural variations, some of which don't become apparent until it's stained. Paul Singelyn at Yuenger Wood Moulding notes, for example, that there are 6-8 different types of Red Oak. So even if you've specified Red Oak, he can't guarantee that there won't be color or consistency variations from one piece of wood to another. He adds, "Some clients ask for wood but they really want plastic laminate. Wood is for clients who understand that the natural variation in tone, texture, and grain is what makes wood pretty."

■ Submit only complete plans for bidding. In fact, many suppliers don't even quote on "preliminaries" anymore. The more complete the drawings, the more likely a job will receive a precise quote — without padding to cover unknown contingencies. John Walker estimates that on a \$1 million job, if the architect spends \$10-15,000 extra on finishing the plans, he'll probably have saved several times that amount by the time the job is completed.

■ How do you determine wood quality? First of all, be sure of the wood grade you want. Wood guidelines are very complex, and different species are graded differently. Once you've decided on a wood, make sure you understand the grading for that species — and the grade that will be specified. Find out what grade a company uses. For instance, Silverton uses only FAS 2-face oak — the highest grade of oak — for its moldings, a grade with virtually no blemishes or imperfections on either side. With that grade of wood, there's no danger of checking, mineralization, bad color, pitch pockets, or knots. Frequently lumberyards — likely to sell low-cost prepared millwork — stock a

lower grade of wood and lack the expertise to compete on high-end jobs (they sometimes call millwork shops for advice.)

■ The second part of judging millwork quality is examining the surface or finish, which reveals the speed at which the wood is run through the molding knives. Materials that are run through machinery at a very fast rate are likely to have a wavy finish. The knives get dull and make deeper and more conspicuous marks in the wood. "At Silverton," Ryder says, "we run our molders very slowly and have operators at both ends. As soon as knife marks are perceptible, we stop the machine and regrind the knives, etc. That's the only way to keep the finish flawless."

We've consistently heard from suppliers that when jobs go over budget, clients panic and begin to cut costs on the finishes: Millwork, lighting fixtures, carpeting, appliances, etc. When this happens — as it invariably does — make sure the client understands the trade-offs of skimping on millwork. Appliances and carpeting will eventually wear out and be replaced, but inferior millwork is something the client and all successive owners will have to look at and live with for years. ♦

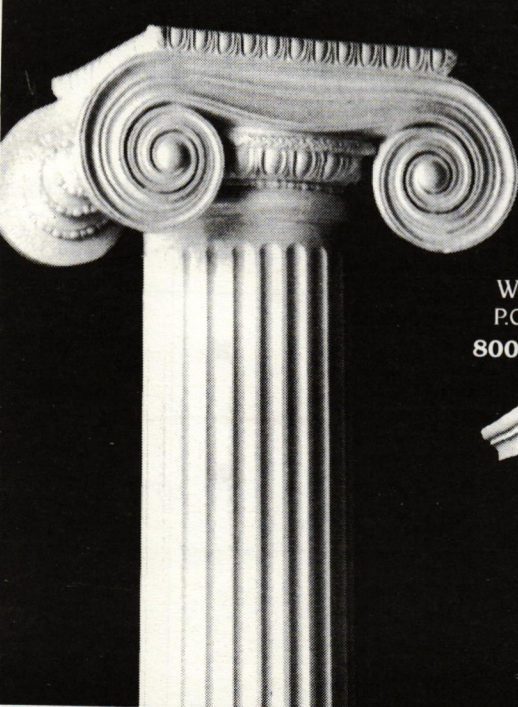
Who's on the SourceList

There are hundreds of millwork shops across the country. To keep the SourceList to a manageable size, we included only suppliers that turn out a significant quantity of traditional decorative millwork: Moldings, columns and capitals, gingerbread, etc. (We did *not* include turnings, for example.)

The list was further limited to suppliers who showed an interest in serving the special requirements of historical architects and contractors — as evidenced by their willingness to respond to a detailed questionnaire and provide product literature. From the 73 replies, the editors selected the 54 that seemed most relevant to our readers' needs.

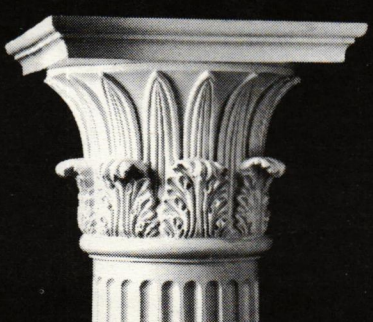
WORTHINGTON

THE PREMIER NAME IN COLUMNS



Catalog \$3.00

WORTHINGTON GROUP, LTD.
 P.O. Box 53101 • Atlanta, GA 30355
800-872-1608 404-872-1608



WRITE IN NO. 163

A Touch of Class

Give your home a classic touch of elegance! Our selection of solid wood cornice, chair rail, casing and baseboard moldings let you capture the ornate detail of plaster moulding in the warmth of natural wood.



P.O. Box 336, Dept. TB
 Waterloo, Ontario
 CANADA N2J 4A4
 (519) 884-4080


ornamental
 mouldings limited

WRITE IN NO. 706



A TRADITIONAL BUILDING'S SOURCELIST OF ARCHITECTURAL MILLWORK

continued
CSI# 06200

BY JUDITH SIEGEL LIEF

COMPANY	SPECIALTY	Literature	Ornamental Millwork	Columns & Capitals	MOLDINGS					% Custom
					Carved	Embossed	Fluting/Reeding	Straight-Run	Dentil	
Advanced Design 190 Highland Pl., Dept. TB Brooklyn, NY 11208 (718) 647-5600	Manufacturer of balusters, newel posts, handrails, and full line of stair parts. Can customize any design; restorations a specialty. Wood type: Oak, Poplar, Mahogany, or as specified.	Free Write in No. 677	×	×						80%
American Custom Millwork 3904 Newton Rd., Dept. TB Albany, GA 31706 (912) 888-3303	Embossed architectural moldings, cornices, chair rails, and baseboards crafted from American hardwoods. Also, design service for mantels, entryways, door treatments, cabinetry, and panelwork. Wood type: Appalachian Poplar.	Free Write in No. 678	×	×		×	×	×	×	50%
Amherst Woodworking PO Box 718, Dept. TB Northampton, MA 01060 (413) 584-3003	Full range of doors, windows, and moldings. Wood type: White Ash, Birch, Butternut, Cherry, Honduran Mahogany, Maple, Red Oak, White Oak, Poplar, Walnut, and Pine.	Free Write in No. 410	×	×	×	×	×	×	×	95%
Anderson-McQuaid Co. 170 Fawcett St., Dept. TB Cambridge, MA 02138 (617) 876-3250	All domestic species plus over 40 species of exotic woods in stock.	Free Write in No. 595		×	×	×	×	×	×	90%
Architectural Components 26 No. Loverett Rd., Dept. TB Montague, MA 01351 (413) 367-9441	Specialize in building custom and reproduction windows, doors, entrances, moldings, mantels, shutters, paneling. Wood type: Pine or as specified.	Free flyer Write in No. 385 Or send \$3 for full catalog	×	×	×		×	×	×	100%
Architectural Paneling 979 Third Ave., Dept. TB New York, NY 10022 (212) 371-9632	Specialize in designing and executing traditional full-paneled rooms with built-in furniture. Wood type: Cherry, Maple, Oak, Walnut, Mahogany.	Free Write in No. 530		×	×				×	100%
Bendix Mouldings, Inc. 37 Ramland Rd. S., Dept. TB Orangeburg, NY 10962 (800) 526-0240	Carved and embossed hardwood moldings, embossed pine moldings, chair and crown moldings, and embossed wood ornaments. Wood type: Ramin, Poplar.	Free Write in No. 578	×		×	×			×	5%
Blanch Millwork & Fixture 4301 Claude Court, Dept. TB Denver, CO 80216 (303) 295-2564	All types of architectural woodworking: Radius molding work, custom doors, and wood windows. Wood type: as specified.	Free	×	×		×	×	×	×	100%
Blue Ox Millworks Foot of X St., Dept. TB Eureka, CA 95501 (707) 444-3437, (800) 248-4259	Historically accurate custom reproduction woodwork. They can match existing patterns of everything from moldings and turnings to carved appliques. Wood type: Redwood.	Free	×	×	×	×	×	×	×	100%
Boise Moulding & Lumber 116 E. 44th St., Dept. TB Boise, ID 83714 (208) 322-6066	Full line architectural woodworking manufacturer specializing in custom and reproduction moldings, doors, paneling, flooring, etc. Small or large jobs. Wood type: as specified.	Free	×	×			×	×	×	95%
Chadsworth Incorporated PO Box 53268, Dept. TB Atlanta, GA 30355 (404) 876-5410	Classically designed wood columns and capitals. Wood type: Pine, Redwood, Poplar.	Free Write in No. 18		×						50%
Center Lumber Co. 85 Fulton St., Dept. TB Paterson, NJ 07509 (201) 742-8300	Mantels, entryways, doors, windows, paneling, and over 1,200 molding profiles. Wood type: Domestic hardwoods, Mahogany, Pine.	For free flyer Write in No. 680 Or send \$20 for complete molding portfolio					×	×	×	85%
Coastal Millworks, Inc. 1335 Marietta Blvd., NW Dept. TB Atlanta, GA 30318 (404) 351-8400	Remill southern longleaf heart pine into flooring, architectural paneling, moldings, doors, windows, and cabinetry. 225 profiles; will work from sketches. Wood type: Southern Longleaf Pine, Maple, Oak, Cypress, Mahogany, Basswood, Cherry, Poplar.	Free Write in No. 319	×	×	×			×	×	100%
Creative Woodworking Co. 1370 Ralph Ave., Dept. TB Brooklyn, NY 11236 (718) 451-0460	High-end corporate and residential work. Wood type: as specified.	Free	×	×	×	×	×	×	×	100%
Cumberland Woodcraft Co. PO Drawer 609, Dept. TB Carlisle, PA 17013 (717) 243-0063, (800) 367-1884	Architectural woodwork, Victorian gingerbread, fretwork, carvings, moldings, panels, turnings, corbels, brackets, capitals, wainscoting, doors and screen doors, and more. Wood type: Red Oak, Poplar, or as specified.	Free Write in No. 131	×	×	×	×		×	×	20%
DHM Cabinetmakers Rte. 4, Box 173, Dept. TB Floyd, VA 24091 (703) 745-3825	Made-to-order millwork, moldings, flooring, casing, paneling, doors, carving, and casework. Both domestic and exotic woods.	Free Write in No. 493	×		×		×	×	×	100%
Driwood Moulding Co. PO Box 1729, Dept. TB Florence, SC 29503 (803) 669-2478/662-0541	Ornamental woodwork, embossed moldings, custom millwork, complicated double-handrailed stairways. Wood type: Poplar, Walnut, Cherry, Red & White Oak, Mahogany.	Send \$6 for catalog	×			×		×	×	50%
Empire Woodworks PO Box 407, Dept. TB Johnson City, TX 78636 (512) 868-7520	Specialize in brackets, corbels, spandrels, gable trim, running trim/sawn balusters, porch posts, newel posts, headers, mantel shelves, finials, spindles, cornices, and more. Wood type: White Pine, Poplar.	Free Write in No. 683	×							0%

**ARCHITECTURAL
ACCOUTREMENTS**
Carved and Sculptured
in
Solid Woods

Surround yourself in grand expression with our elegant moldings, crowns and mantels. Designed for both town and country, they will enhance any decor. They turn the ordinary into the extraordinary.

**Raymond
Enkeboll
Designs**

Catalog Available.



To the Trade,
FACTORY and SHOWROOM

Write in No. 577

16506 AVALON BOULEVARD • CARSON, CA 90746 • FAX (213) 532-2042 • TEL (213) 532-1400



A TRADITIONAL BUILDING'S SOURCELIST OF ARCHITECTURAL MILLWORK

continued
CSI# 06200

BY JUDITH SIEGEL LIEF

COMPANY	SPECIALTY	Literature	Ornamental Millwork	Columns & Capitals	MOLDINGS					% Custom
					Carved	Embossed	Fluting/Reeding	Straight-Run	Dentil	
Raymond Enkeboll Designs 16506 Avalon Blvd., Dept. TB Carson, CA 90746 (213) 532-1400	Elegant carvings of architectural accoutrements including: balusters, newel posts, onlays, rosettes, panels, moldings, crowns, mantels, corbels, and more in many designs and styles. Wood type: Maple, Oak.	Free Write in No. 577	×	×	×					0%
Fancy Front Brassiere Co. PO Box 2847, Dept. TB Roseville, CA 95746 (916) 791-7733	Authentic Victorian gingerbread, brackets, corbels, corner and plinth blocks, corner posts, gable trim, pickets, running trim, balusters, screen doors, and more. Wood type: Poplar or as specified.	Free Write in No. 704	×					×		100%
Forest Wood Products 1407 21st St., Dept. TB Des Moines, IA 50311 (515) 243-8415	Solid wood curved moldings for round top windows and doors. Wood type: Pine, Oak.	Free Write in No. 684	×					×		75%
Goodwin Lumber Co. Rte. 2, Box 119-AA, Dept. TB Micanopy, FL 32667 (904) 373-WOOD	Heart Pine stair parts, and moldings and trim to accompany flooring appointments.	Free Write in No. 253						×		65%
House of Mouldings 15202 Oxnard St., Dept. TB Van Nuys, CA 91411 (818) 781-5300	Solid hardwood and softwood moldings, carved and embossed, corbels, finials, and stairway parts. Wood type: Pine, Oak, Walnut, Birch, Mahogany, Poplar.	Send \$7 for catalog	×	×	×	×	×	×	×	100%
Jelliff Mill 47 Jelliff Mill Rd., Dept. TB New Canaan, CT 06840 (203) 966-9475	Custom millwork, windows, cabinets, doors, trim, paneling, and moldings. Wood type: as specified.	Free Write in No. 687	×				×	×	×	100%
The Joinery PO Box 518, Dept. TB Tarboro, NC 27886 (919) 823-3306	Specialize in flooring, trims and moldings, cabinetry; work with remilled lumber. Wood type: Heart Pine, Cherry, Maple, or as specified.	Free Write in No. 702	×	×	×	×	×	×	×	100%
Knipp and Company, Inc. 3401 S. Hanover St., Dept. TB Baltimore, MD 21225 (301) 355-0440	Wood type: as specified.	Free	×	×	×	×	×	×	×	100%
Kreider Brothers, Inc. PO Box 10065, Dept. TB Lancaster, PA 17605 (717) 397-3768	50-year-old family-run millwork and cabinetry shop. Doors, windows, moldings, paneling, cabinets, stairways, trim, and related products. Complete finishing facility. Wood type: as specified.	Free Write in No. 536	×	×			×	×	×	90%
Lange Bros. Woodwork 3920 W. Douglas Ave. Dept. TB Milwaukee, WI 53209 (414) 466-2226	Custom moldings, stile-and-rail doors, windows, stairs, and cabinets. Wood type: Oak, Walnut, Cherry, Mahogany, Poplar, Birch, Pine.	Free	×	×	×	×	×	×	×	100%
Larkin Company 210 Carter Dr., Unit 4 Dept. TB West Chester, PA 19382 (215) 696-9096	Molding, wainscoting, tall and low mantels, pediments, and mantel overpanels in 18th- and early 19th-century American and English designs. Wood type: Poplar, Cherry, Oak, Mahogany, Walnut, Antique Pine, or as specified.	Free brochure or send \$6 (refundable) for catalog	×				×	×	×	50%
Lititz Planing Mill Co. 302 E. Front St., Dept. TB Lititz, PA 17543 (717) 626-2186	Specialize in restorations, window and door frames, doors, raised-panel treatments, and special moldings. Wood type: as Specified.	None	×				×	×	×	95%
Louisville Millwork PO Box 36095, Dept. TB Louisville, KY 40233 (502) 459-8710	Custom woodwork and casework for historic, commercial, and institutional applications. Moldings, paneling, cabinets, doors, turnings, and columns. Wood type: Oak, Poplar, Hard Maple, Cherry, A. Walnut, Mahogany, and more.	Free	×	×			×	×	×	100%
Mad River Woodworks PO Box 163, Dept. TB Arcata, CA 95521 (707) 826-0629	Victorian millwork, gable tops, shingles, brackets, corbels, pickets, post finials, balustrades, newels, turned posts, hand rails, spandrels, moldings, wainscoting, and more. Wood type: Redwood or as specified.	Free Write in No. 35	×					×	×	50%
Oakwood Woodworks 5 Pine Hill Dr., Dept. TB Pittsford, NY 14534 (716) 381-6009	Specialize in window and door moldings, chair rails, base moldings, ceiling crown moldings, rosettes, and plinth blocks. Wood type: as specified.	Free						×	×	100%
Ornamental Mouldings PO Box 7123, Dept. TB High Point, NC 27264 (519) 884-4080	Manufacture decorative architectural wood ceilings, chair rails, casing and baseboard moldings, corner blocks, plinth blocks, and custom millwork. Wood type: White Hardwoods, Oak, or as specified.	Free Write in No. 706	×		×	×	×	×	×	50%
Reliance Industries, Inc. PO Box 129, Dept. TB Richland, IA 52585 (319) 456-6030	Four styles of traditional moldings. Wood type: Oak, Poplar, Cherry, Ash, Maple, Mahogany, Pine.	Free (also free samples).				×	×	×	×	40%
RI Millwork 390 Shippee Rd., Dept. TB East Greenwich, RI 02818 (401) 885-5172	Premium grade hardwood moldings (long or short run). In-house toolmaking to match any profile from wood sample or drawing. Wood type: Oak, Mahogany, Cherry, Walnut, Poplar.	Free Write in No. 695						×		90%

Your Award-Winning Source for Elegant Woodwork



Everything you need in Victorian gingerbread, turnings and carvings, in premium grade solid hardwoods. Factory-direct savings.

Period Bars, Backbars, Servers, Ceilings, Seating, Gazebo Kits & accessories.

We'll build to your specifications, supply any or all component parts. Complete custom design services.

Interior/exterior restoration projects, Victorian to Ultra-Contemporary, our specialty.

Send for Catalog. Over 135 color pictures of products and design ideas. \$4.50. Free if ordered on Company letterhead.



Cumberland & Woodcraft Co. INC.
Office hrs. 8 AM to 4 PM Mon.-Fri. EST



Best of Show. Blue Ribbon. Expo Show.



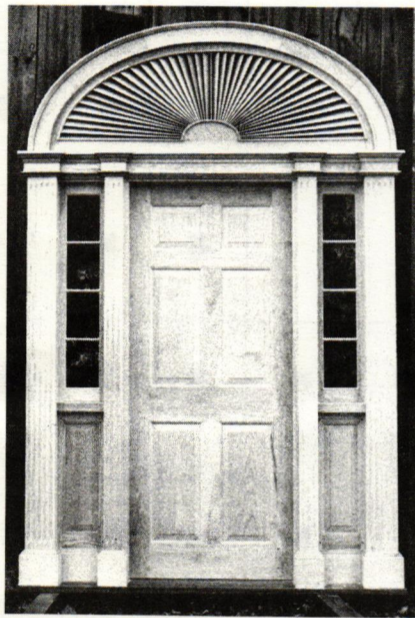
Expo Blue Ribbon Winner



Dept. 190

Post Office Drawer 609 Carlisle, PA 17013
(717) 243-0063 (800) 367-1884 Outside PA FAX (717) 243-6502

WRITE IN NO. 131



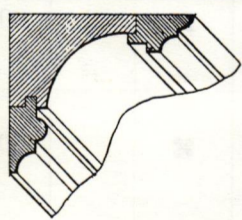
DOORS & WINDOWS

Specialists in 18th & 19th century architectural millwork including Colonial style mortise and tenon small pane window sash, plank window frames, fanlight windows, interior and exterior doors, entryways, French doors, mantelpieces, wainscoting, raised panel walls, mouldings and more. Custom orders and orders to "match existing" welcome. Illustrated brochure \$3.00.

ARCHITECTURAL COMPONENTS

26 North Leverett Road
Montague, MA 01351
413-367-9441

WRITE IN NO. 385



CUSTOM MILLWORK

Panelling / Moldings /
Flooring / Restoration /
Millwork

- ⇒ All hardwoods & softwoods, exotic & domestic
- ⇒ 50 species of hardwoods available
- ⇒ 100,00 board ft. in inventory
- ⇒ 10,000 board ft. on display
- ⇒ No job too large or too small

Hours: Mon.-Fri. 7:30 to 4; Sat. 9-1

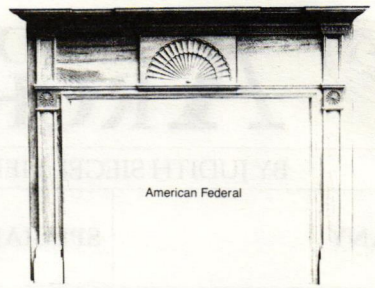
For price quote, send sample or drawing with details on species of wood and lineal footage required.

ANDERSON-MCQUAID CO., INC.

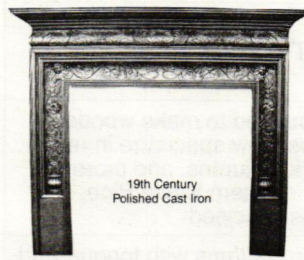
170 Fawcett St., Dept. TB, Cambridge, MA 02138
Tel. (617) 876-3250 FAX (617) 876-8928

WRITE IN NO. 595

Draper & Draper Ltd.



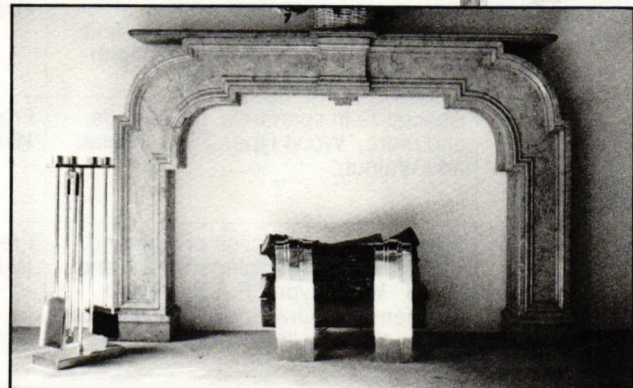
American Federal



19th Century Polished Cast Iron



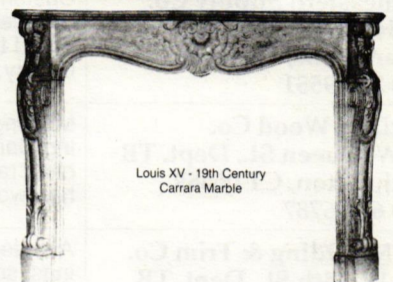
McIntire American Federal



Antiques & Reproduction Mantels
• Fireplace Accessories



American Empire Mahogany



Louis XV - 19th Century Carrara Marble

THE FINEST HAND-BUILT, HAND-CARVED, CUSTOM-MADE
MANTELS

Draper & Draper, Ltd. 200 Lexington Avenue, New York, NY 10016
(212) 679-0547 FAX (212) 679-0549

Call or Write for Illustrated Brochure

WRITE IN NO. 533

P.C. MOULDINGS

THE LARGEST CAD MOULDING LIBRARY OVER 1300 PROFILES ALSO AVAILABLE IN BOOK FORM SUITABLE FOR TRACING

FOR INFORMATION

P.C.

WORK
INC.

25 Moody Ave.
St. Louis, Missouri
63119

314-962-5677 962-5232 FAX

WRITE IN NO. 694



A TRADITIONAL BUILDING'S SOURCELIST OF ARCHITECTURAL MILLWORK

CSI# 06200

BY JUDITH SIEGEL LIEF

COMPANY	SPECIALTY	Literature	Ornamental Millwork	Columns & Capitals	MOLDINGS					% Custom
					Carved	Embossed	Fluting/Reeding	Straight-Run	Dentil	
Saco Manufacturing 39 Lincoln St., Dept. TB Saco, ME 04072 (207) 284-6613	Originally founded to make wooden water pumps; now specialize in restoration work, columns, and more. Wood type: Eastern White Pine, Poplar, or as specified.	Free		×			×			95%
A.F. Schwerd Manufacturing 3215 McClure Ave., Dept. TB Pittsburgh, PA 15212 (412) 766-6322	Specialize in columns with tongue-and-groove staves; custom work. Columns from 4 in. to 50 in. dia. and up to 35 ft. long. Wood type: Northern White Pine and Poplar.	Free <i>Write in No. 161</i>		×						95%
Silver Creek Mill 1335 W. Hwy 76, Dept. TB Branson, MO 65616 (417) 335-6645/546-4472	Specialize in spandrels, gable ends, and more. Wood type: Pine, Poplar, and Walnut.	Free <i>Write in No. 708</i>	×				×	×	×	60%
Silverton Victorian Millworks PO Box 2987, Dept. TB Durango, CO 81302 (303) 259-5915	Specialize in production of high-end Victorian moldings, gingerbread, and doors. Wood type: F.A.S. 2-Face Northern Red Oak and C-Select of better Southern Yellow Pine, Poplar.	Free <i>Write in No. 45</i>	×	×	×	×	×	×	×	30%
Southeastern Supply Co. PO Box 516, Dept. TB Indianapolis, IN 46206 (317) 359-9551	Custom millwork, wood doors, and complete building materials yard. Wood type: Red Oak, Poplar, Walnut, Cherry, Mahogany, Maple.	Free	×	×			×	×	×	85%
Specialty Wood Co. 835 W. Queen St., Dept. TB Southington, CT 06489 (203) 621-6787	Moldings, flooring, siding, wall & ceiling planking, casings, baseboard, chair rails, crowns, and more. Various hardwoods.	Free <i>Write in No. 709</i>					×	×		50%
Star Moulding & Trim Co. 6606 W. 74th St., Dept. TB Bedford Pk., IL 60638 (708) 458-1040	Architectural moldings, curved moldings, solid hardwood paneling, restoration, rosette blocks, profile sanding, priming, and finishing. Wood type: Foreign and domestic hardwoods.	Free	×				×	×	×	98%
Sunshine Arch. Woodwork 2169 Sunshine Dr., Dept. TB Fayetteville, AK 72703 (501) 521-4329	Mantels in paint and stain grade, paneled walls, Colonial shutters, bookcases, moldings, and more. Wood type: Poplar, Oak, Cherry, Walnut, Honduras Mahogany.	Free <i>Write in No. 541</i>			×			×	×	10%
Walker Bros. Millworks, Inc. PO Box 771093, Dept. TB Winter Garden, FL 34777 (407) 656-2430	Custom residential and commercial architectural woodwork, including: Linear and curved moldings, stairs, paneling, wainscoting, entrance frames, and doors. Wood type: Poplar, Red Oak, or as specified.	Free (Molding catalog also available on CAD disk)	×	×	×	×	×	×	×	95%
West Gate Cabinet & Millwk 862 West 13 Ct., Dept. TB Riviera Beach, FL 33404 (407) 842-1701	High-end millwork and case goods. Wood type: as specified.	Free	×	×	×		×	×	×	85%
White River Hardwood 1197 Happy Hollow Rd. Dept. TB Fayetteville, AR 72701 (501) 442-6986	Manufacturers of architectural hardwood moldings; smooth and ornamentally embossed. Wood type: Red Oak and Poplar.	Free <i>Write in No. 488</i>	×				×	×	×	50%
Wigand Corporation 850 Elkton Dr., Dept. TB Colorado Springs, CO 80907 (719) 599-8887	Specialize in manufacture and installation of premium and monumental grade architectural woodwork. Wood type: as specified.	Free	×	×	×		×	×	×	100%
Windham Millwork PO Box 1358, Dept. TB Windham, ME 04062 (207) 892-3238	Manufacture and install custom woodwork, moldings, and cabinetry. Wood type: Poplar, Oak, Maple, Cherry, Mahogany, Walnut, Birch.	Free	×	×			×	×	×	90%
Wood Factory 901 Harvard, Dept. TB Houston, TX 77008 (713) 863-7600	Victorian designs: Doors, gables, shingles, gingerbread, corbels, molding, and turned parts. Wood type: Redwood & Cedar (exterior), Pine or as specified (moldings), Oak, Ash, Honduras Mahogany (doors).	Free <i>Write in No. 712</i>	×				×	×		50%
Woodchute Woodworks Box 43, Dept. TB Jerome, AZ 86331 (602) 634-4116	Specialize in windows, doors, mantels, stairs, furniture, and period interiors.	Free <i>Write in No. 699</i>	×	×	×		×	×	×	100%
The Woodstone Company PO Box 223, Dept. TB Westminster, VT 05158 (802) 722-9217	Traditional and contemporary windows, doors, and architectural woodwork. Wood type: Northeastern White Pine, Mahogany, Cherry, Oak, Teak Walnut, Cypress.	Send \$3 for catalog	×	×	×	×	×	×	×	100%
WoodTech Box 69, Dept. TB Columbia Falls, MT 59912 (406) 892-5140	Manufacture fire-rated wood door frames in a variety of profiles. Wood type: Pine, Red Oak, Hard Maple, Mahogany, VG Fir, Cherry, Walnut.	Free <i>Write in No. 700</i>	×					×		85%
Worthington Group PO Box 53101, Dept. TB Atlanta, GA 30355 (404) 872-1608	Specialize in columns and capitals in Ponderosa Pine and Redwood; door surrounds in Mahogany; and mantels in Poplar, Pine, or as specified.	Free <i>Write in No. 163</i>		×						10%
Yuenger Wood Moulding 5215 S. Keeler, Dept. TB Chicago, IL 60632 (312) 735-7100	Specialize in embossed hardwood moldings, with emphasis on old, traditional embossings. Also, custom moldings. Wood type: Poplar, Red Oak, Basswood, White Ash, Banak, Ramin.	Free <i>Write in No. 701</i>					×	×	×	90%

Top Quality Precision Millwork
CASINGS • BASES • CROWNS • CORNER BLOCKS

VICTORIAN ELEGANCE

DOORS • GINGERBREAD • WAINSCOT

LARGEST INVENTORY OF VICTORIAN MOULDINGS & MILLWORK ANYWHERE



Specializing in Customer Service
Buy Direct From Manufacturer
Top Quality, Precision-made Products
Premium & Commercial Grades Available
No Minimum Order - Rush Orders are No Problem
We're Experts in Shipping & Packaging
Full Color Catalog with lots of Construction Ideas

SILVERTON Victorian Millworks
Send for your free catalog.
Phone or write to:
P.O. Box 2987-TB3
Durango, Colorado 81302
303/259-5915

WRITE IN NO. 45

Classic Embossed Hardwood Mouldings

Crown/Cornice/Chair Rail/Cove/Cap



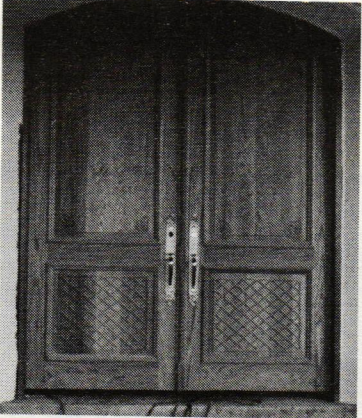
- ✓ Quality hardwood mouldings in classic styles
- ✓ Authentic Handmade embossing wheels
- ✓ Deep embossing with pressure and heat
- ✓ Moulding patterns duplicated

Yuenger Wood Moulding, Inc.
5215 S. Keeler — Dept. TB
Chicago, IL 60632
(312) 735-7100
FAX (312) 735-3251

WRITE IN NO. 701

Woodchute Woodworks

Established 1972 to provide a wide range of custom architectural millwork



- Interior & Exterior Millwork •
- Doors & Windows •
- Period Store Interiors & Showcases •
- Coffered Ceilings •
- Installation Services •

Woodchute Woodworks
P.O. Box 43 — Dept. TB
Jerome, AZ 86331
(602) 634-4116

WRITE IN NO. 699

the standard of quality since 1860

SCHWERD'S

wood columns









COLUMNS — Schwerd columns are durable. Our 120+ years of experience in 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. in diameter and up to 35 ft. in length with matching pilasters.

If you are one of our old customers during the many years since our beginning in 1860, you know our product; if not, send us your inquiries and orders and join our 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 for all exterior columns in the above diameters to provide a maintenance free, seamless base which is guaranteed against deterioration for a lifetime.



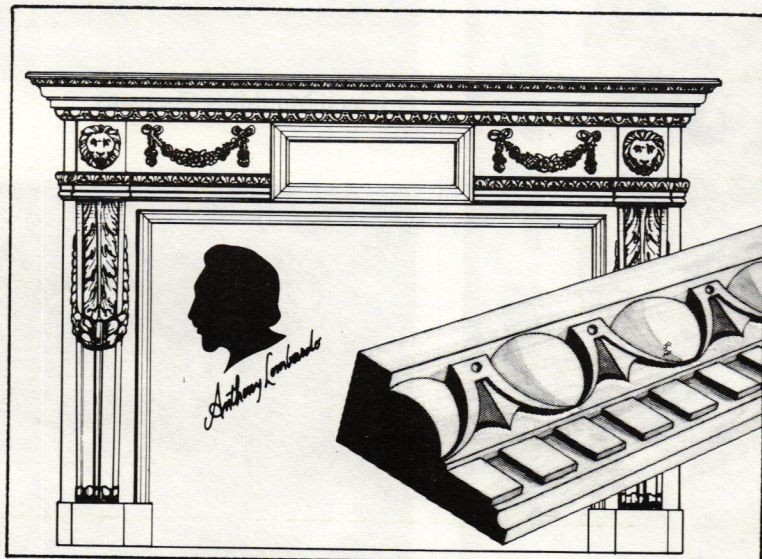
A. F. SCHWERD MANUFACTURING COMPANY
telephone: 412-766-6322
3215 McClure Avenue
Pittsburgh, Pa. 15212

WRITE IN NO. 161

EXCLUSIVE DEEP-SCULPT MOULDINGS, CARVINGS AND FIREPLACES IN WALNUT, CHERRY & OAK

(Many in stock).

56 PAGE CATALOG AVAILABLE.



If you get involved in any of the above then you will find this catalog most helpful. Send for your copy today.
Catalog \$10. deductible from first order.

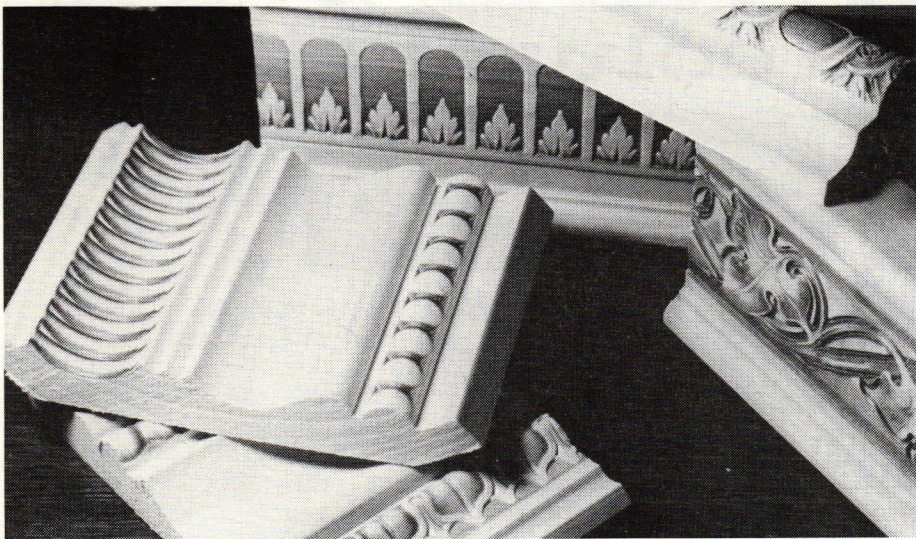
NAME _____
COMPANY _____
ADDRESS _____
CITY _____
STATE _____ ZIP # _____
Video Tape Send \$20.00 (refundable)

ANTHONY LOMBARDO, PRES.,
ARCHITECTURAL PANELING, INC.
979 THIRD AVE., D & D BUILDING, NEW YORK, NY 10022
212-371-9632 • FAX: 212-759-0276

WRITE IN NO. 530

ARCHITECTURAL MILLWORK SHOWCASE

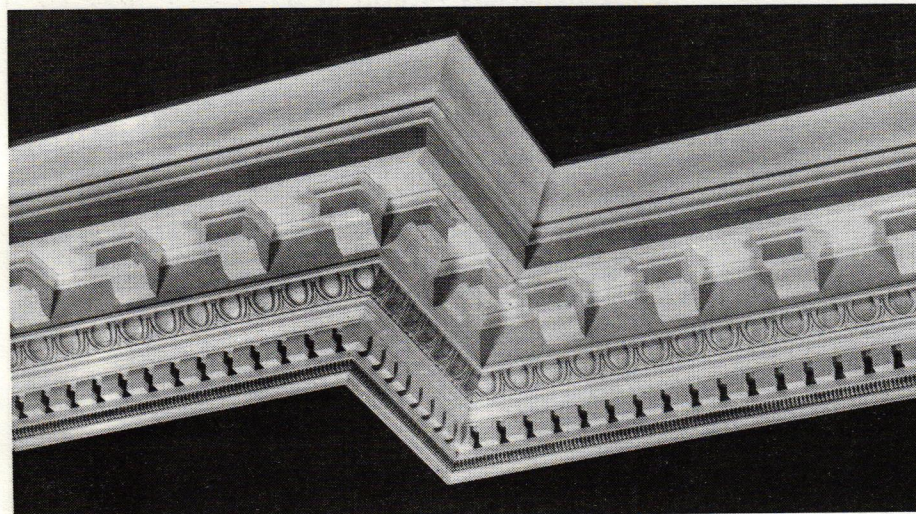
Shown below (and on page 22) is a sampling of historical millwork from a variety of suppliers. For contact information, see the SourceList on pages 14, 16, and 18.



White River Hardwood



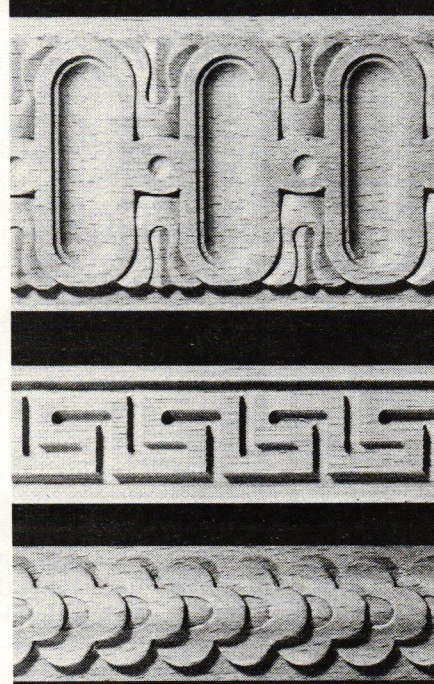
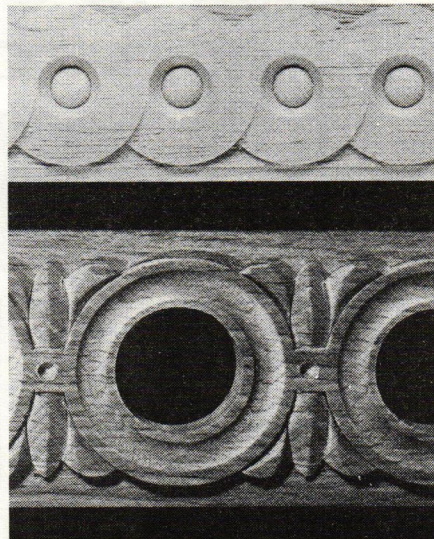
Architectural Paneling



American Custom Millwork



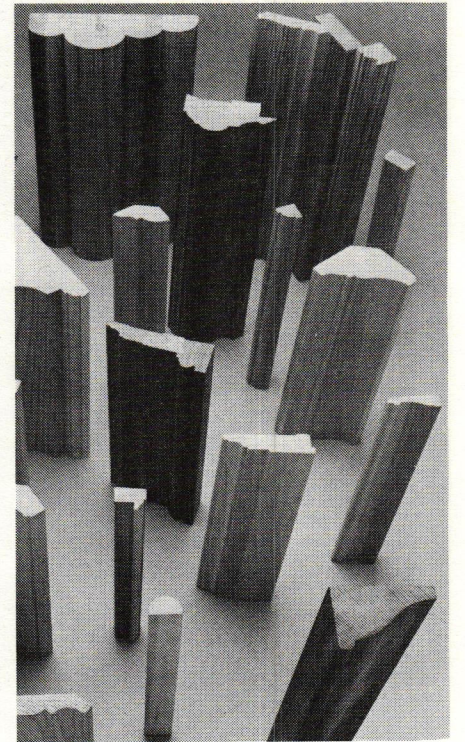
Cumberland Woodcraft Company, Inc.



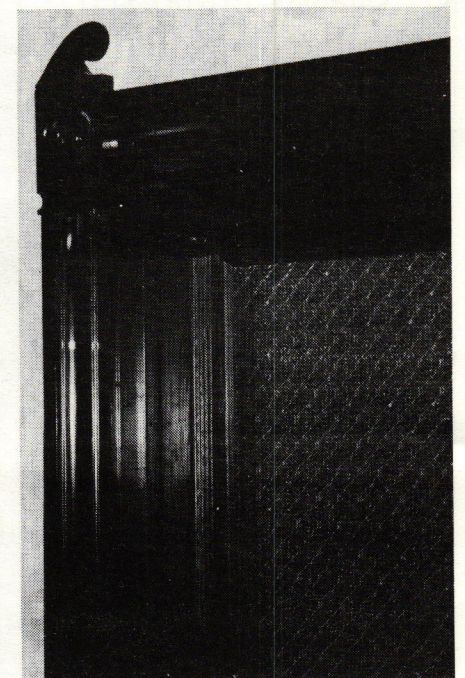
Bendix Mouldings, Inc.



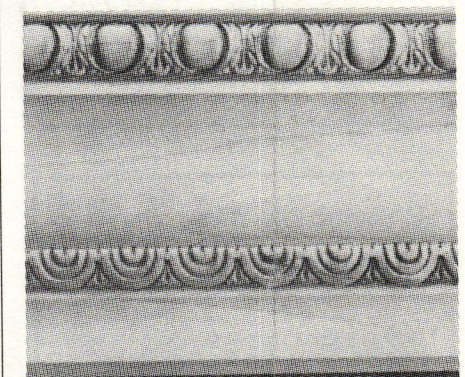
Driwood Moulding Company



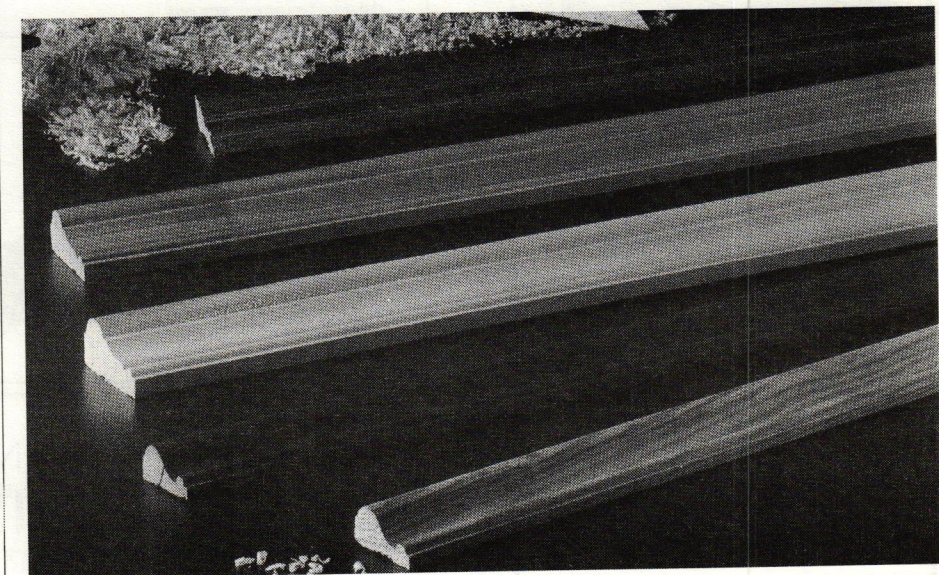
Lange Bros. Woodwork Co., Inc.



Wood Factory

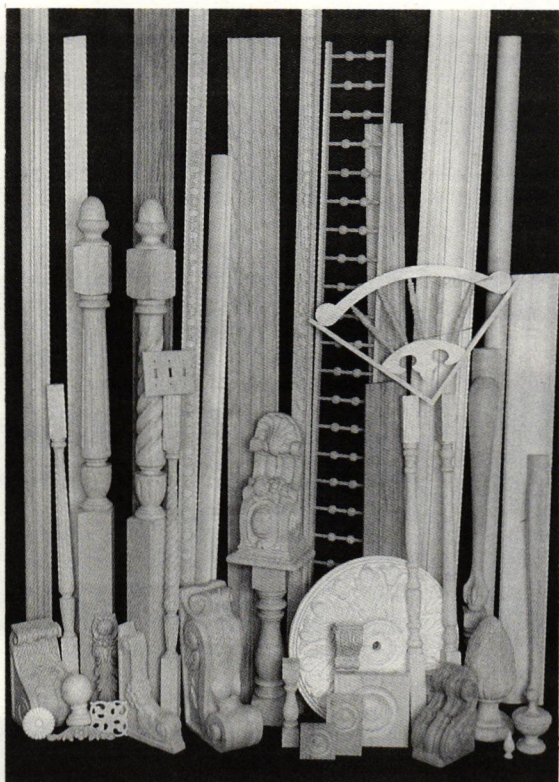


Yuenger Wood Moulding



Walker Bros. Millworks, Inc.

House of Moulding



The Largest Selection of

- Hardwood & Softwood Moulding in Stock
- Corbels
- Wood Turnings
- Decorative Plaques
- Fireplace & Mantle Mouldings
- Send Check for \$7.00 to receive a Full Catalog.

House of Moulding
Dept. TB
15202 Oxnard St.
Van Nuys, CA 91411

Phone (818) 781-5300
Fax (818) 994-7848

ANTIQUE WIDE PINE FLOORING

Antique Oak & Chestnut Available

Widths to 22" Wide

Antique Wide Pine and Hard Long Leaf Yellow Pine
Lengths up to 18' Long - Widths up to 14" Wide
Planed and Ready to Install

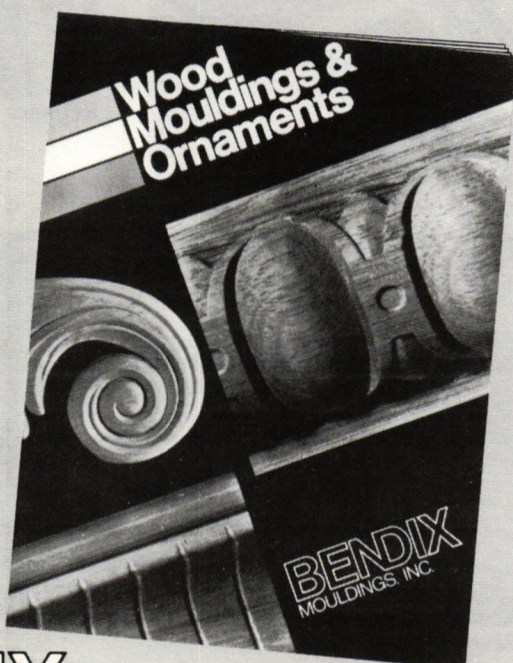
For price info, call Mark Phillips: (508) 948-2722
Northfield Restorations, Box 741, Rowley, Mass. 01969



WRITE IN NO. 326

This Catalog should be in your files

Over 150 illustrations of decorative wood mouldings and ornaments for every furniture need. Write for your copy today.



BENDIX MOULDINGS, INC.

37 Ramland Road South, Orangeburg, New York 10962
Tel: (914) 365-1111 • 1-800-526-0240 • Fax: (914) 365-1218

WRITE IN NO. 578

SOUTHINGTON Specialty

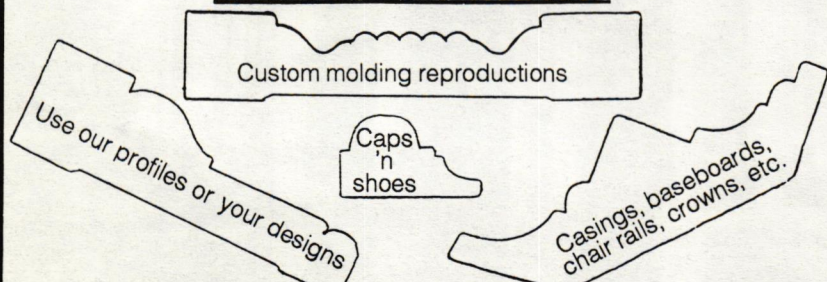
WOOD

Company Ltd.

Come see an exciting selection of hardwoods in our showroom and warehouse.

Plank Flooring • Mouldings • Wood Siding • Wall & Ceiling Planking

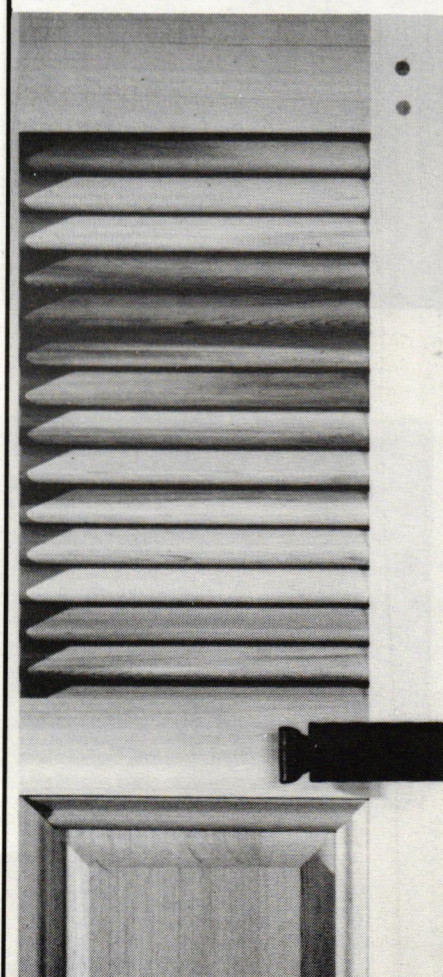
Some Of The Items We Supply:



835 West Queen Street • Southington, CT 06489 • (203) 621-6787
Open Monday thru Friday 8 to 5 • Saturday 8 to 1

WRITE IN NO. 709

DOES THE WORD POLYSTYRENE MAKE YOU SHUDDER?



Our all-cedar shutters endure for generations.

Cheap pine shutters with steel staples can fail in as few as five years. And plastic is . . . well, plastic. So to build the Vixen Hill shutter, we use only clear, Canadian red cedar. Joints are mortise-and-tenon, with teak locking pins. Both panels and louvers are of generous dimensions, ensuring lasting beauty for generations.

For a detailed brochure, contact:

Vixen Hill Cedar Shutters
Elverson, PA 19520

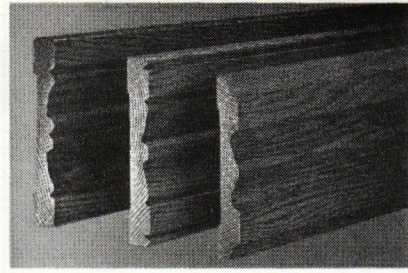
1-800-423-2766

WRITE IN NO. 123

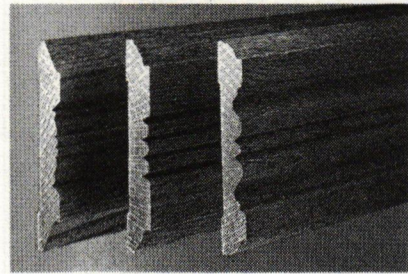
ARCHITECTURAL MILLWORK SHOWCASE, *continued*



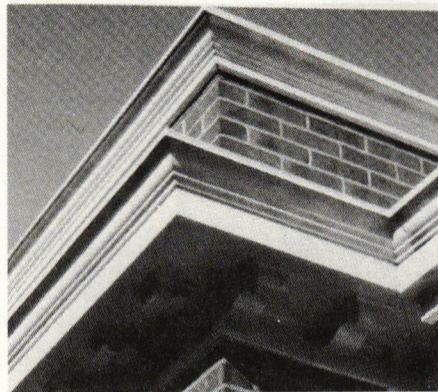
Littleton Millwork Corp.



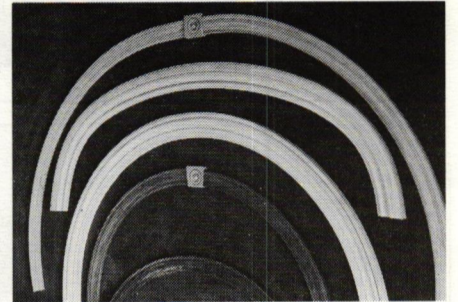
Silverton Victorian Millworks



Architectural Components, Inc.



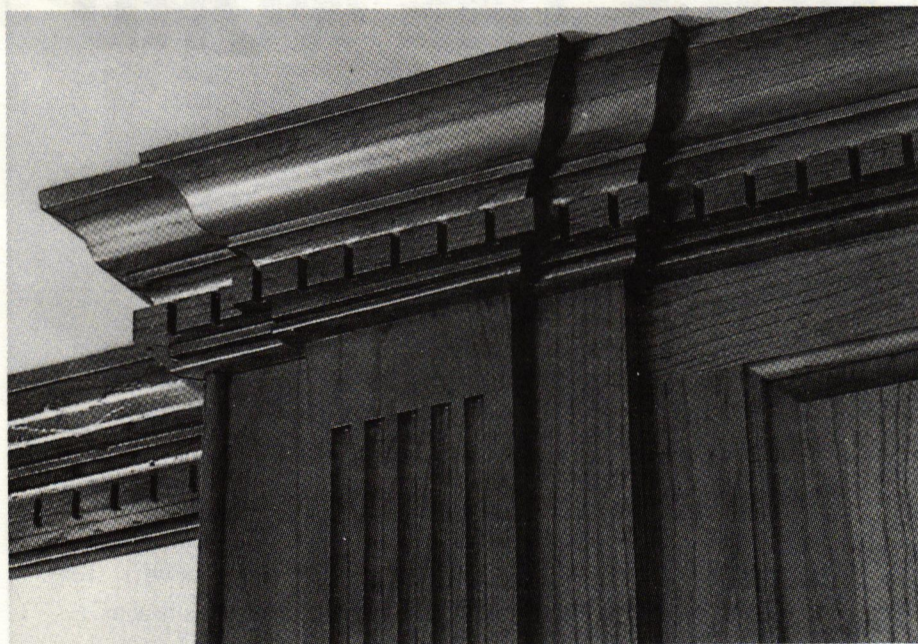
Louisville Lumber



Reliance Industries, Inc.



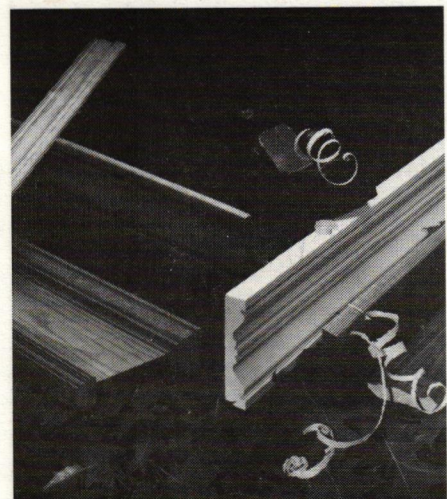
Mad River Woodworks



Sunshine Architectural Woodworks




Blue Ox Millworks



Oakwood Woodworks



Vintage Lumber Company



**ALL KINDS OF
CUSTOM PANELING
CUSTOM MILLWORK
WINDOWS AND DOORS
CABINETRY
PANELLED LIBRARIES**

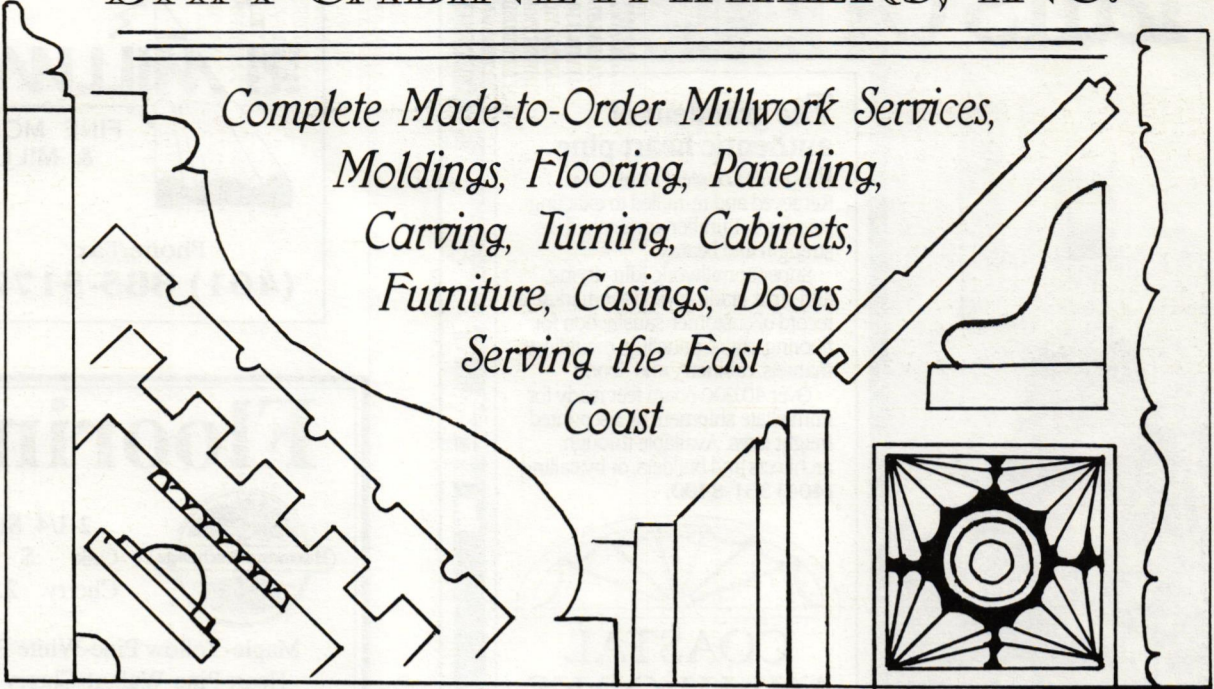
203 966 9475

GEORGE H. JELLIFF & SON, INC.
47 JELLIFF MILL ROAD
NEW CANAAN, CT 06840

WRITE IN NO. 687

DHM CABINETMAKERS, INC.

*Complete Made-to-Order Millwork Services,
Moldings, Flooring, Panelling,
Carving, Turning, Cabinets,
Furniture, Casings, Doors
Serving the East
Coast*



703-745-3825 FAX: 703-745-3875

WRITE IN NO. 493

**Architectural
Millwork**

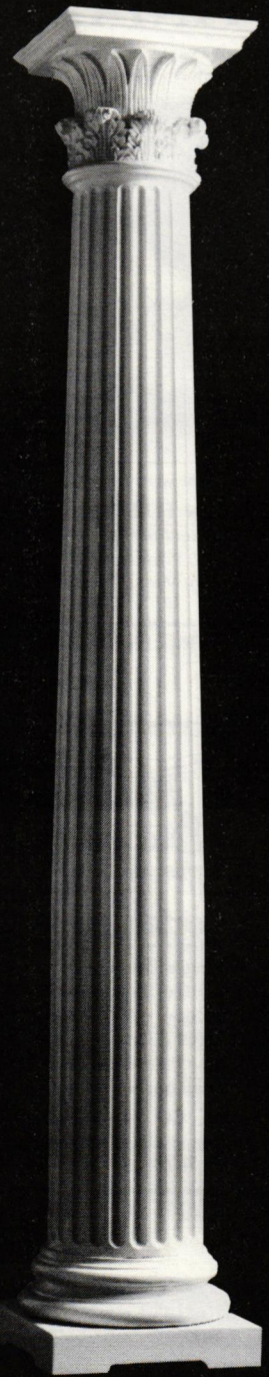


Since 1937

2220 Horseshoe Rd., Lancaster, PA 17601
717/397-3768

WRITE IN NO. 536

**CHADSWORTH
COLUMNS**



Authentic Replication of
Greek and Roman Orders

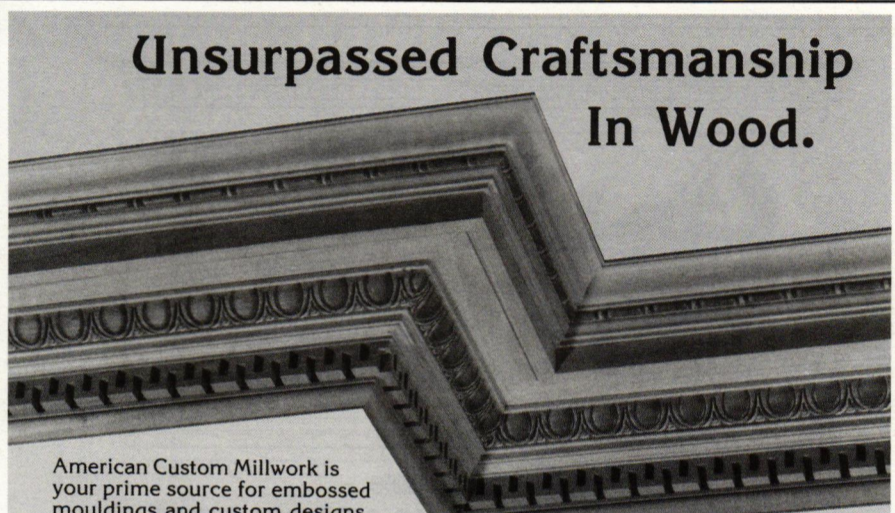
Architectural Wooden Columns
Wooden Pedestals & Table Bases
French Gobelintapestries

Column, Tapestry or Table Base Brochure \$2.00 each
All Three Brochures \$4.00

Chadsworth Incorporated
P.O. Box 53268, Dept. 21
Atlanta, Georgia 30355
404-876-5410

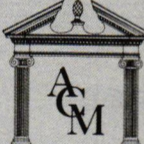
WRITE IN NO. 18

**Unsurpassed Craftsmanship
In Wood.**



American Custom Millwork is your prime source for embossed mouldings and custom designs. We serve the specialized demands of architects, designers, builders and home owners nationwide. Beautifully detailed cornices, chair rails, and baseboards are crafted in fine hardwoods like Appalachian poplar, walnut, oak, cherry, mahogany, and other fine woods — and there's nobody better than ACM's skilled artisans at designing and creating special treatments like mantels, entryways and door treatments, elegant cabinetry, and panelwork.

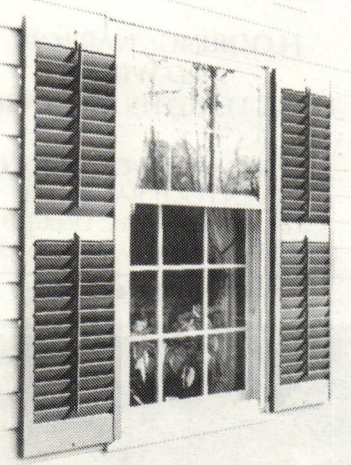
ACM's unique drawing-board-to-on-site-supervision expertise assures the finest craftsmanship every step of the way. Call for more information, or send \$5 (applicable to your order) for the latest American Custom Millwork catalog!



AMERICAN CUSTOM MILLWORK, INC.
3904 NEWTON ROAD • P.O. Box 3608
ALBANY, GA 31706
(912) 888-3303 • (912) 888-6848

WRITE IN NO. 678

**EXTERIOR WOOD
SHUTTERS**



Hard-To-Find Wood Shutters with moveable louvers can be used outdoors or in. Fixed louver, raised panel, and custom arches also available. Order unfinished or primed and painted. Hinges and holdbacks shipped daily by UPS.

Brochure: (203) 453-1973
SHUTTERCRAFT 282 Stepstone Hill
Guilford, Conn. 06437

WRITE IN NO. 44

CUSTOM TURNINGS & HANDRAIL

- Handrail
- Finials
- Balusters
- Newel Posts
- Specialty Turnings
- Any Design/Any Wood
- Full Line Of Handrail Parts



**Restoration Specialists ■ Rope Twists
Fluting ■ Handcarving**

No job is too small or complex; our 55 shop craftsmen love a challenge! We can handle all the tough jobs that are too complicated for the job shops. Serving satisfied clients nationwide for over 50 years.

Write, call, or FAX for a quote on your job.
ADVANCED DESIGN WOODTURNING, INC.
190 Highland Place, Dept. TB, Brooklyn, NY 11208
(718) 647-5600 FAX (718) 827-4250

WRITE IN NO. 677

Halls of Fame.



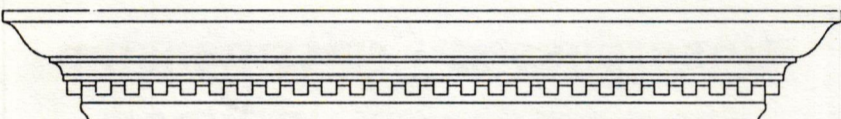
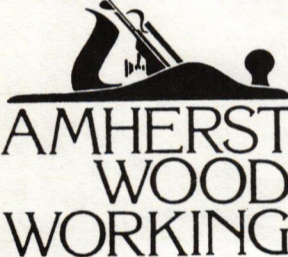
The grandeur of authentic heart pine.
 Pre-1900 Longleaf Heart Pine. Retrieved and re-milled to exacting standards. Lumber unmatched in strength and beauty.
 Superior millwork, kiln-drying, and strict grading yield a remarkable record of customer satisfaction for flooring, stairs, paneling, mouldings, mantels, cabinetry and doors.
 Over 40,000 board feet ready for immediate shipment at discounted freight rates. Available through architects and builders, or by calling (404) 351-8400.



COASTAL MILLWORKS
 1335 Marietta Boulevard, NE
 Atlanta, Georgia 30318

National Wood Flooring Association

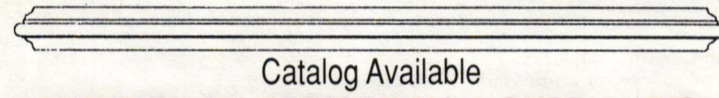
WRITE IN NO. 319

MOLDINGS

Rosettes
 Wainscoting
 Flooring
 Custom Patterns
 Long & Short Runs

Catalog Available
AMHERST WOODWORKING & SUPPLY, INC.
 BOX 718 HUBBARD AVE. NORTHAMPTON, MA 01061
 413-584-3003 FAX 413-585-0288

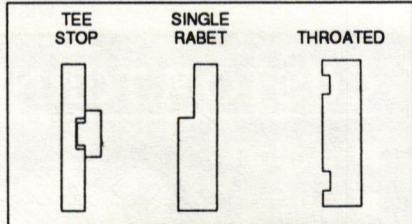


WRITE IN NO. 410

WOODTECH, INC.

Manufacturers of
20 min. Fire Rated Wood Frames

- Relites, door frames, window walls
- Custom or standard profiles
- Fast lead times
- Competitive prices
- Variety of species
- Pairs up to 8/0 x 9/0
- Singles up to 4/0 x 9/0
- Casings and mouldings
- Pre-machining

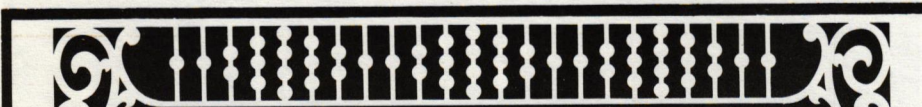


TEE STOP SINGLE RABET THROATED


FIRE LABELED
 WOOD DOOR FRAME SYSTEMS
 AND MILLWORK

We'll work with you from design through delivery.
WOODTECH, INC.
 BOX 69 • COLUMBIA FALLS, MT 59912
 PHONE: (406) 892-5140 FAX: (406) 892-7692

WRITE IN NO. 700



Victorian Gingerbread Country Trim



Quality Interior & Exterior Wood Products Including:
 Corner Brackets Corbels
 Gable Trim Cornices
 Running Trim Spandrels
 Porch Accessories & MORE!

Custom Designing & Manufacturing Welcomed
 Send \$2. (Postage & Handling)
 To Receive Your Full Line Illustrated CATALOG.
 Empire Woodworks P.O. Box 407 Dept. TB Johnson City, TX 78636
 Build with EMPIRE - Build with The Best 512-868-7520

WRITE IN NO. 683

CUSTOM MOULDINGS AND ARCHITECTURAL MILLWORK



RI MILLWORK
 FINE MOULDINGS & MILLWORK

Can match wood sample or drawing using latest computer-controlled equipment
 Premium-grade quality manufacturing standards
 On time delivery

390 Shippee Road, Dept. TB
 East Greenwich, RI 02818

Phone/Fax
(401) 885-5172

WRITE IN NO. 695

Flooring



2-1/4 Strip
 Oak \$.99 S/F
 Cherry 2.10 S/F


Maple-Yellow Pine-White Pine
 Heart Pine-Walnut-Cherry
 Hickory-Locust-Mesquite-Ash

Mill-Direct Building Materials for
 Log & Timber Construction

(800) 765-WOOD

WRITE IN NO. 323

Antique Heart Pine Flooring
 Original growth Southern Longleaf Pine
 Quality assured.



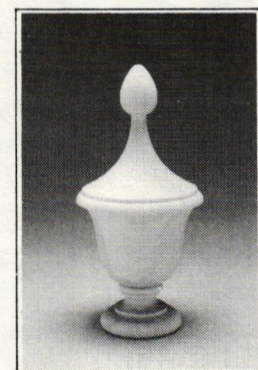
Rt. 2, Box 119-AA, Micanopy, FL 32667
 (904) 373-9663

WRITE IN 253

NEW BROCHURE FOR 1991

FENCE POST FINIALS

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

REPLACEMENT SASH

Any size, or layout: circle, oval, gothic, or cottage. Sash or complete window unit. Custom mouldings, doors. Raised panel shutters, millwork to detail. Send sketch, specifications for price.

DRUMS SASH & DOOR CO. INC.
 PO Box 207
 Drums, PA 18222
 (717) 788-1145

WRITE IN NO. 668




CURVED MOULDING

FOR ROUND TOP WINDOWS & DOORS

- Solid Wood Sections
- Any Profile, Any Wood
- Straight Moulding to Match
- Quality Guaranteed
- Short Lead Time
- Shipped via UPS

FOREST WOOD PRODUCTS
 1407 21st Street Des Moines, IA 50311 1-800-726-8415
 FAX 515-243-7887

WRITE IN NO. 684



Victorian Millwork

Moulding • Balusters • Brackets
 Gingerbread • Screen Doors • Corbels
 Reproduction • Mantle Components
 Gables • Ornamental Trim
 Porch Parts • Fretwork
 Ceiling Medallions • Restoration Products

P.O. Box 2847
 Roseville, CA 95746
 (916) 791-7733

WRITE IN NO. 704

ANTIQUE HEART PINE

- Remanufactured • Kiln-Dried •
- From old Growth •
- Southern Long-Leaf Yellow Pine •

FLOORING: NARROW AND WIDE
LONG LENGTHS AVAILABLE

MAYSE WOODWORKING CO.
 SEVEN FOOT BAND MILL
 319 Richardson Rd., Dept. TB
 Lansdale, PA 19446 215-822-8307

WRITE IN NO. 690

Custom Turning Service


we turn:
 Porch & Stairway
 & Furniture Parts

FREE BROCHURES
 FREE QUOTES

National Decks, Inc.
 P.O. Box 1125
 Alfred, NY 14802
 1-800-437-8876
 607-587-9558
 FAX 607-587-9398



WRITE IN NO. 482



The Wood Factory

AUTHENTIC VICTORIAN MILLWORKS

Screen Doors • Porch Parts
 Custom Woodwork • Mouldings
 Ornamental Trim

Send \$2.00 for a Catalog
 901 Harvard, Dept. TB
 Houston, Texas 77008
 (713) 863-7600

WRITE IN NO. 712

WIDE Flooring

Paneling • Wainscoting

PINE to 32" wide OAK to 18" wide
Kiln dried to 6%-8% • Milled to your specifications

Send \$2.00 for informative literature and grading photos to:

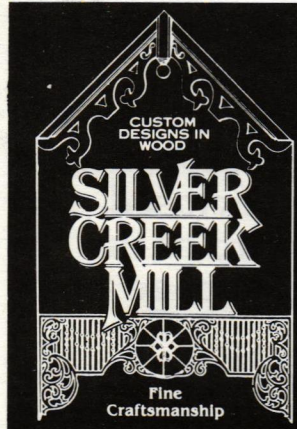
Craftsman Lumber Company

Box 222T, 436 Main St., Groton, MA 01450
or phone (508) 448-6336, Charles E. Thibeau, Prop.

Satisfying Architects, Builders and Homeowners nationwide since 1974

BEST QUALITY BEST SERVICE BEST PRICES

WRITE IN NO. 432



Original Designs and Fine Craftsmanship at a lower price!

Gable & Eave Trim • Brackets • Canopies
Balusters • Unique & Elegant Spandrels
Screen Doors • Shelves • Roof Finials
Signs • Headers • Mini-House Replicas
The Woodland Series: Garden Gates, Swings,
Lawn & Porch Furniture • Whirligigs
Decorative Accessories • Custom Work

Visit Our Showroom in Englers Block
Branson, Missouri (417-335-6645), or write:
Route 4, Box 216BTB, Forsyth, Missouri 65653
(417-546-4472)

Catalog \$2, Refundable w/ purchase

WRITE IN NO. 708

Conklin's Authentic Antique Barnwood and Hand Hewn Beams

Pennsylvania Wall Stone & Flagstone

- Barnwood: grey, silver grey, brown, red
- 50,000-100,000 sq. ft. in stock
- Random length and width
- Plank flooring

For Further Information Call Or Write
Leo Conklin
RD 1, Box 70
Susquehanna, PA 18847
717-465-3832
WHOLESALE ONLY

WRITE IN NO. 115

We offer a concept... *not just a product.*

White River
HARDWOODS • WOODWORKS, INC.
Manufacturers of
Architectural Hardwood Mouldings
Ornamentally Embossed & Smooth
• Reproduction Mouldings •
Catalog \$3⁰⁰

1197 Happy Hollow Road • Fayetteville, Arkansas 72701
501-442-6986 • 1-800-558-0119 • Fax: 501-444-0406

WRITE IN NO. 488

CENTER LUMBER CO.

CUSTOM MOULDINGS & MILLWORK
CATALOG OF 1,200 PROFILES \$20
201-742-8300 PATERSON, NJ

WRITE IN NO. 680

Sunshine Architectural Woodworks

2169 Sunshine Drive
Fayetteville Arkansas 72703
501-521-4329 Fax 501-521-8863
CATALOG \$ 5.00

An elegant array of 18th century, solid hardwood, reproduction, woodwork of the finest quality.

Mantels • Trim Mouldings • Arched Casings
Rosettes • Carvings • Raised Paneling
Carved keystones • Shutters

WRITE IN NO. 541

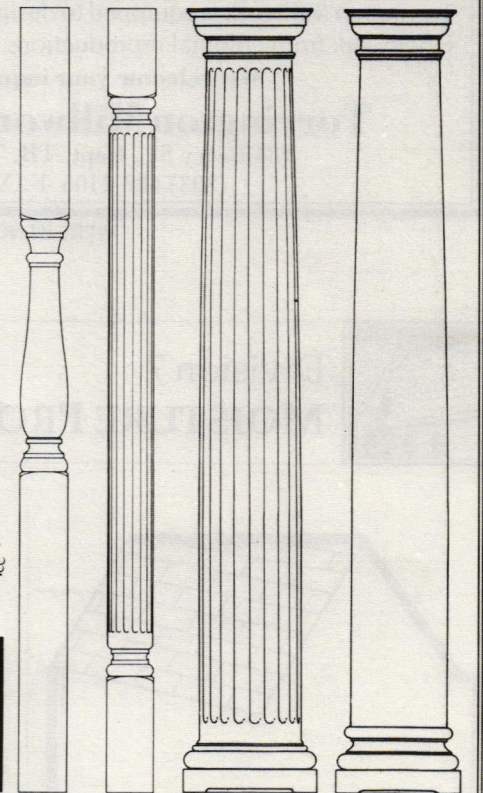
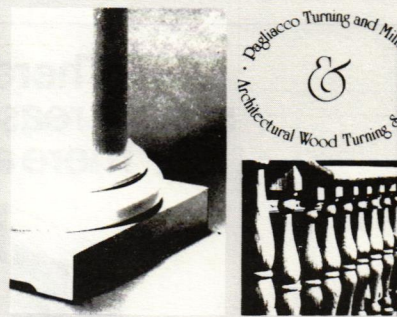
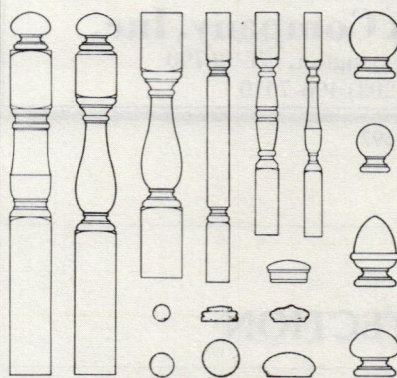
24 Page Catalog

PAGLIACCO

Catalog of Wood
BALUSTERS
NEWEL POSTS
PORCH POSTS
RAILINGS
COLUMNS
CYLINDERS & CUSTOM TURNING



ARCHITECTURAL MILLWORK 6.9/Pa



PAG 3

Our catalog shows a complete range of architectural turnings. All products incorporate design authenticity, skilled craftsmanship and quality materials.

VICTORIAN TURNINGS & MILLWORK

Designs are based on manufacturers' catalogs from 1870 to 1920.

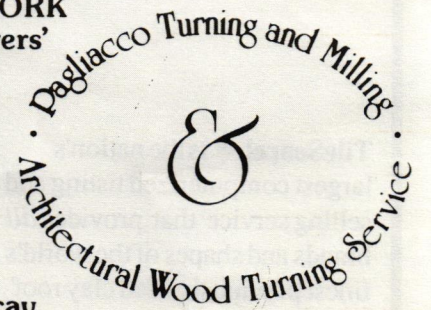
CLASSIC COLUMNS

Accurately reflect the Greek & Roman orders with true entasis & details.

CALIFORNIA REDWOOD

All products are available from decay & termite resistant clear-heart Redwood. Interior turnings are available from Oak & Mahogany.

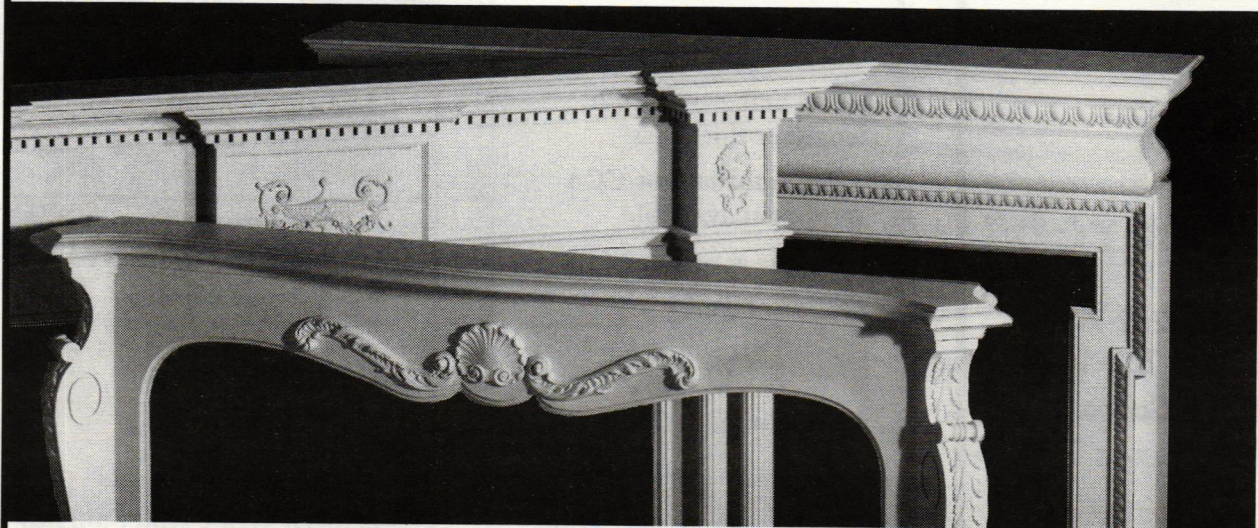
For your catalog, send \$6 (no charge to designers, builders & dealers when requested on Company letterhead).



P.O. Box 225TB
Woodacre, CA 94973
Telephone:
(415) 488-4333

WRITE IN NO. 707

WORLD'S LARGEST VARIETY OF SOLID WOOD MANTELS.



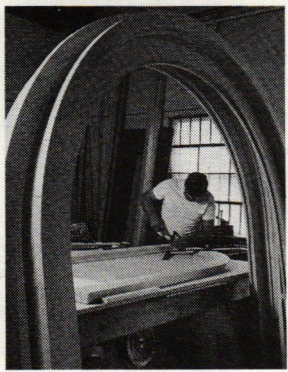
- * METICULOUSLY HANDCRAFTED
- * EASY INSTALLATION
- * SOLID WOOD — NOT PLYWOOD
- * OVER 65 YEARS MANUFACTURING EXPERIENCE
- * FROM LOUIS XV TO COLONIAL TO MODERN
- * A STYLE TO FIT EVERY TASTE AND BUDGET
- * CUSTOM MADE UPON REQUEST
- * ASK ABOUT OUR COMPLETE WILLIAMSBURG WALL
- * SPECIAL DEALER & QUANTITY PRICES
- * FAX YOUR SPECS FOR A QUOTE — (301) 566-7170

Readybuilt Products Co., Dept. TB, 1700 McHenry St. Baltimore, MD 21223. (301) 233-5833



WRITE IN NO. 217

DISTINCTION THROUGH DETAIL



If you appreciate high-quality woodwork, but also want it on-time, on-budget per your specification — contact Torrington Millwork.

We pay attention to the details; we're obsessed with making every part of your job come out just as you expect. From initial consulting through final installation, our capabilities include:

- Custom Doors & Windows / Custom Cabinets & Furniture / Architectural Paneling / Exterior Woodwork**

Torrington Millwork is equipped to design and build the finest architectural woodwork from colonial reproductions to contemporary designs.

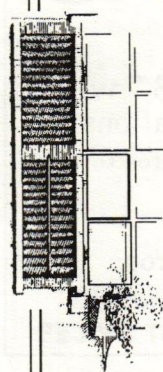
We welcome your inquiry on any project.

Torrington Millwork Company, Inc.

184 Berry St., Dept. TB, Torrington, CT 06790
(203) 482-2105 FAX (203) 496-7010

WRITE IN NO. 697

Beech River Mill



**Shutters
Blinds and
Hardware
that are
history**

Custom louvered or panelled shutters. Authentic mounting and holdback hardware.

- Beech River Mill Co.**
- Hardware •
- Blinds & Shutters •

RR 1 Box 168
C. Ossipee N.H. 03814
(603) 539-2636 Phone & Fax
\$5.00 for catalog

WRITE IN NO. 411

MOORWOOD

(914) 341-1924
CUSTOM MOULDING
& ROSETTES
SHORT OR LONG RUNS
WE CAN MATCH
ANY PATTERN
SHIPPING AVAILABLE

BILL MOORE

HERB WOOD

WRITE IN NO. 692

For FREE product information, use the enclosed Postcard or the Form on page 46.



Division 7 MOISTURE PROTECTION

TileSearch™

Salvaged
Roofing and Flooring

TileSearch™ is the nation's largest computerized listing and selling service that provides all brands and shapes of the world's finest previously used clay roof tiles such as

**Ludowici-Celadon™
Heinz • Mifflin-Hood
and other brands**

- All colors — all shapes
- Quantities for small repairs or large projects
- No fee for listing
- We buy or sell

TileSearch™

Tel: (214) 242-7785
FAX: (214) 242-1923

1209 Carrol
Carrollton, Texas 75006

Ask for Melvin Mann

TM - Trademark of Ludowici-Celadon Co.

WRITE IN NO. 696

**There isn't one
shingle reason to use cedar.
There are dozens.**



Architect: Bahri & Associates

Picture the sophistication red cedar shakes add to a geometric or free form modern structure. Imagine the warmth red cedar shakes bring to a country farmhouse or English cottage design. And consider all the natural benefits of red cedar shingles and shakes on an A-frame or beach house. Then order any or all of our three exciting brochures. They're filled with dozens of solid reasons to plan on building with red cedar shingles and shakes.

Please send me the following brochures:

- "New Roof Construction" \$1.00
- "Exterior & Interior Walls" \$1.00
- "Certi-Last 30-year warranted shakes and shingles" Free

Name _____

Address _____

City _____ State _____ Zip _____

Cedar Shake & Shingle Bureau
515-116th Ave. NE, Suite 275, TB91
Bellevue, WA 98004

WRITE IN NO. 675

Historically Accurate Cedar Shakes & Shingles

- Complete line of roof & sidewall products
- Can make any width length or thickness
- Fire retardant or CCA treatment available
- Unique & ordinary patterns cut



- No Minimum Order

Send for free brochure
Or call us with your problems;
we can help.

The Cedar Guild

51579 Gates Bridge E. — Dept. TB
Gates, OR 97346
(503) 897-2541 FAX (503) 897-2442

WRITE IN NO. 674



SHAMOKIN TRAIL SHINGLE COMPANY

- Stock & custom dimension sawn shingles
- Handsplit horizontal roof clapboard
- True handsplit & trimmed shingles suitable for historic applications

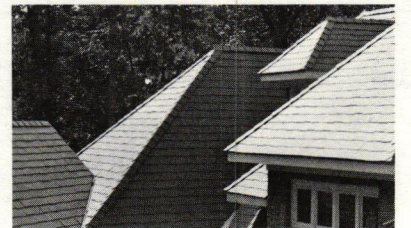
Enduring
Beautiful Tones
Subtle Texture
Uniquely Identifiable

Northern White Oak Shingles
The finest wood roof available

for information call or write
Box 122
Luthersburg, PA 15848
814-583-5342

WRITE IN NO. 567

The Ultimate Choice in Roofing



Non-asbestos Southern Slate® adds beauty, distinction and value to a structure by providing a striking, high class look at a cost lower than natural slate.

Made from a proven fiber-reinforced cement, FibreCem simulated slates can be installed in various RoofscapingSM designs (staggered butt or random design), they come with a 50-year limited transferable warranty and in standard charcoal, sea green, silver, and pewter colors.

Discover Southern Slate® today.
Call 1-800-346-6147.

FibreCem Corporation
11000-H South Commerce Blvd.
P.O. Box 411368
Charlotte, N.C. 28241



Over 50 Years of Excellence

Also available: EuroSlate®, Beaver Shingles®, Building Panels, Siding and Fencing

WRITE IN NO. 377

DECORATORS ARE BACK!

12 patterns is largest stock choice anywhere... Western Red Cedar Perfections at 96 per box, by UPS or LCL pallet load. Call toll-free from U.S. or Canada: 800-521-9523. For big jobs ask about our panels.



Cedar Valley Shingle Systems
P.O. Box 9523, Hollister, CA 95023

WRITE IN NO. 676

Quartersawn Clapboard

AUTHENTICALLY PRODUCED
COLONIAL CLAPBOARDS • RADIALLY
SAWN • SQUARED EDGE



Our specialty: Custom sawing any size, width, and tree species for your restoration.



Sky Lodge Farm

46 Wendell Road, Shutesbury, MA 01072
1-413-259-1271

WRITE IN NO. 437

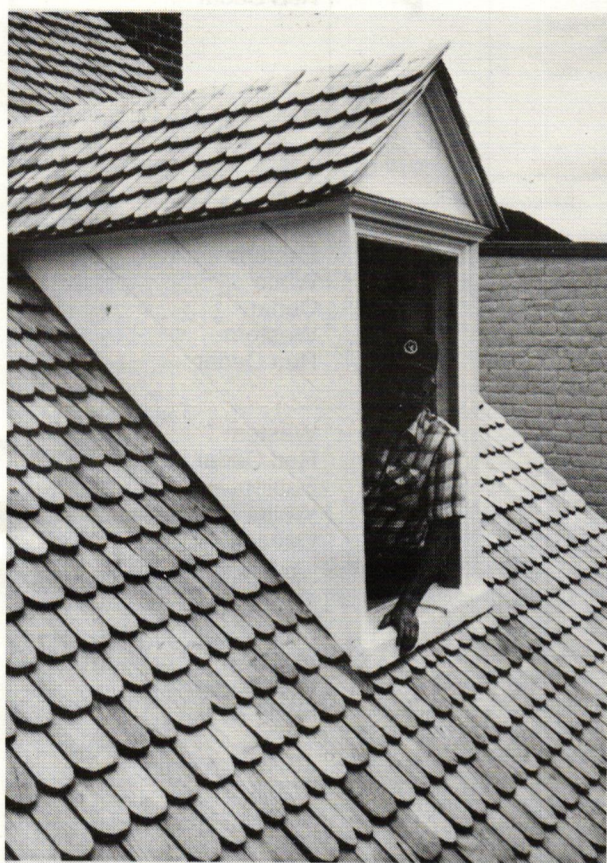
special report

The Romance Of Wood Shingles

By Clem Labine

Nothing — with the possible exception of slate — makes as handsome a roof as wood shakes or shingles.* The subtle variations in shape, texture, color, and size give a life and vibrancy to a surface that other materials are still trying to imitate. And for sheer exuberance, nothing can match a Queen Anne house with a siding pattern composed of half a dozen different shapes of fancy-cut shingles.

Wood shingles have been widely used in North America for roofing and siding, from the earliest settlements through the 20th century. As a result, there is a wide variety in the size, shape, and fabrication methods of wood shingles through the years. In historic applications, especially, the specifier must be aware of the subtle differences in wood roofing and siding products. A full explora-



A roof restoration with 3/4-in. thick, 18" long, round butt, Tidewater Colonial Shingles custom-cut in white oak by Shamokin Trail Shingle Co.



Example of the shingle installer's art created in heavy-butt Western Red Cedar by Liberty Cedar Co.



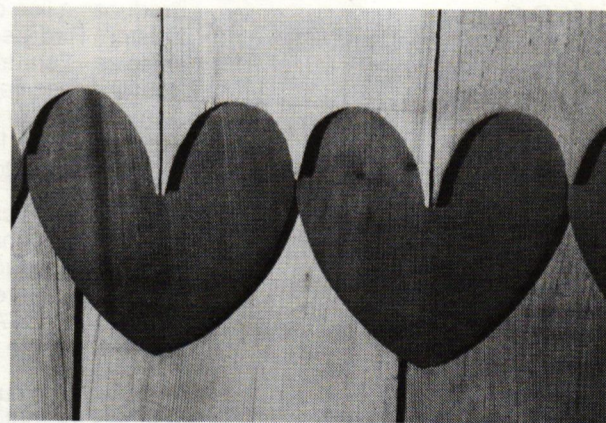
tion of the historic aspects of wood shingles will be found in *Preservation Brief #19* (see below).

Traditionally, wood shingle roofs were expected to last 40 to 60 years. As first-growth cedar became scarce during the past 15 years and fewer builders used proper installation methods (especially the lack of furring strips or nailing lath), the life expectancy of untreated wood roofing products declined. This reduced life expectancy, combined with cost and fire code issues, caused wood shingles to lose market share on all but historic restorations and high-end custom houses.

But that situation has changed — in large part because of the industry-wide "Certi-Last" and "Certi-Guard" product specifications. Certi-Last shakes and shingles are pressure-treated with CCA preservative and carry a 30-year warranty. Certi-Guard shakes and shingles are pressure-treated with fire retardant for areas where combustion hazard is a major issue. The Certi-Guard and Certi-Last trademarks (as well as "Certi-Split" and "Certi-grade") appear on products manufactured according to industry standards established and supervised by the Cedar Shake & Shingle Bureau.

In the box on page 29 you'll find some critical

factors to pin down when specifying a wood shingle roof — for either replacement or new construction. ♦



Detail of an interior wall panel created by The Cedar Guild to show design possibilities created by overlapping shingles with different colors and butt cuts.

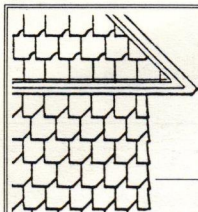
* Manufacturers today use the term "shakes" to refer to split products and "shingles" to designate sawn products. Historically, however, the term "shingle" was used to refer to both sawn and split wood roofing and siding materials.

TECHNICAL ASSISTANCE: The trade association for the cedar shake and shingle industry, in addition to supplying copious amounts of technical literature, also provides technical support to architects and contractors who are specifying and installing cedar shingles. The association has field representatives for on-the-spot consultation, in addition to a central technical service staff. **CEDAR SHAKE & SHINGLE BUREAU, 515 116th Ave. N.E., Suite 275, Dept. TB, Bellevue, WA 98004 (206) 453-1323.**

REPLACING HISTORIC WOOD SHINGLES: A useful guide to the technical and preservation factors governing replacement of wood shingle roofs on historic structures is the 12-pg. brochure prepared by Sharon C. Park, AIA: *Preservation Brief #19 — The Repair and Replacement of Historic*

Wooden Shingle Roofs. Obtain a copy by sending \$1 for Stock No. 024-005-010530 to: **Supt. of Documents, Government Printing Office, Washington, D.C. 20402.**

MAINTAINING WOOD SHINGLE ROOFS: Most property owners don't realize that proper maintenance can materially lengthen the life of wood shingle roofs. Attack by ultraviolet rays, as well as water, can cause wood shingles to break down prematurely. This technical manual offers detailed procedures and preservative formulas — as well as sample specs for cedar shake and shingle roofs so that they'll meet tight local building codes. "How To More Than Double The Life Of Your Roof" can be ordered for \$15 from: **THE CEDAR GUILD, 51579 Gates Bridge East, Dept. TB, Lyons, OR 97358 (503) 897-2541.**

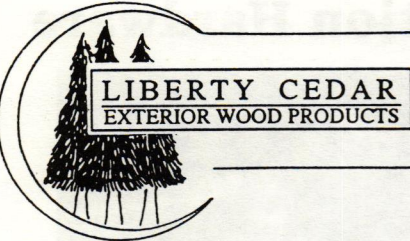


W TRADITIONAL BUILDING'S SOURCELIST WOOD SHINGLES & SHAKES

CSI# 07310

BY CLEM LABINE

COMPANY	SPECIALTY	LITERATURE	Machine-Cut Shingles	Handsplit Shakes	Fancy Butt Shingles	Wood Species	% Custom
Cedar Guild 51579 Gates Bridge East Dept. TB Lyons, OR 97358 (503) 897-2541	Custom-cut cedar shakes & shingles; matching odd patterns, lengths, and thicknesses is a specialty. Extensive experience in historic restorations. They have 12 basic patterns for fancy-cut shingle butts — but can duplicate any pattern. Small orders welcome. Technical consultation available for specialty roofing.	Free <i>Write in No. 674</i>	✓	✓	✓	Western Red Cedar	100%
Cedar Shake & Shingle Bureau 515 116th Ave. NE, Dept. TB Bellevue, WA 98004 (206) 453-1323	Trade association that represents over 250 shake and shingle mills. Develops manufacturing and application standards, including the Certi-Last (30-yr. warranty), Certi-Guard, Certi-Split, and CertiGrade trademarks. Also provides in-depth technical assistance to professionals on proper use of cedar shingles.	Free <i>Write in No. 675</i>	✓	✓	✓	Western Red Cedar, Redwood	NA
Cedar Valley Shingle Systems 943 San Felipe Rd., Dept. TB Hollister, CA 95023 (800) 521-9523	Produces premium-grade architectural cedar shingle siding panels in exposures of 4", 5", or 7" to weather, with either straight or staggered butt line. All panels are 96" x 21" regardless of exposure. Matching prefabricated corners available. Also: Single fancy-cut shingles in boxes.	Free <i>Write in No. 676</i>	✓		✓	Western Red Cedar	10%
Harmony Exchange Rt. 2, Box 843, Dept. TB Boone, NC 28607 (800) 765-9663	Produces shingles from Cypress and Juniper (Eastern White Cedar) in two grades for both roofing and siding. The sawn shingles (rustic butt cut) come in 18" and 24" lengths. Also sells Red Cedar shingles.	Free <i>Write in No. 323</i>	✓	✓		Cypress, Eastern White Cedar, Western Red Cedar	50%
Liberty Cedar 535 Liberty Lane, Dept. TB W. Kingston, RI 02892 (401) 789-6626	Specializes in heavy tapered shingles and shakes: 5/8" and 3/4" butts in lengths of 18" and 24". Fire retardant treating and CCA treating for extended roof life are available. Also: Hip/ridge caps, stainless steel nails, stock and custom fancies.	Free <i>Write in No. 653</i>	✓	✓	✓	Western Red Cedar, Eastern White Cedar	55%
LWO Corp. P.O. Box 17125, Dept. TB Portland, OR 97217 (503) 286-5372	Produces a line of fancy-butt Western Red Cedar decorative shingles. Four traditional profiles: Round, fishscale, arrow, and diamond. Other patterns on special order. The 18" long shingles are parallel-cut to 4-15/16" wide.	Free			✓	Western Red Cedar	0%
Julius Seidel & Co. 3514 Gratiot St., Dept. TB St. Louis, MO 63103 (314) 772-4000	Distributor and custom fabricator of Red Cedar shakes and shingles. Products stocked include natural, fire-retardant treated, and CCA-treated, and shake & shingle panels.	Free	✓	✓	✓	Western Red Cedar	10%
Shingle Mill, Inc. 73 Stuart St., Dept. TB Gardner, MA 01440 (508) 632-3015	Manufactures custom wood shingles for roofing and siding in historical work. Wide variety of special architectural shapes: butts from 1/4" to 3/4"; lengths from 8" to 21"; widths from 3-1/2" to 9".	Free	✓	✓	✓	Eastern White Pine	100%
Shakertown Corp. 1200 Kerron St., Dept. TB Winlock, WA 98596 (206) 785-3501	Produces fancy-cut shingles in 9 patterns — either as individual shingles or panels. The 8-ft. panels come with 5" or 7-1/2" exposures.	Free			✓	Western Red Cedar	0%
Shamokin Trail Shingle Co. Box 122, Dept. TB Luthersburg, PA 15848 (814) 583-5342	Manufacturer of quarter-sawn and hand-split Northern White Oak shingles. Sawn shingles are custom-cut to length, width, and thickness. Fancy butts. Hand-rived and trimmed shakes to 40". Double-tapered and trimmed shakes to 40". Hand-rived horizontal roof clapboard to 48".	Free <i>Write in No. 567</i>	✓	✓	✓	Northern White Oak	100%
South Coast Shingle Co. 2220 E. South St., Dept. TB Long Beach, CA 90805 (213) 634-7100	Manufacturer and supplier of a wide range of roofing materials, including Red Cedar shingles. Produces hand-cut fancy-butt shingles in 7 patterns. Fancy-butt shingles are 5" wide and 16" long. Pressure-treated fire-retardant shingles are available.	Free <i>Write in No. 423</i>	✓	✓	✓	Western Red Cedar	0%



- WESTERN RED CEDAR
- DOUGLAS FIR
- REDWOOD
- CYPRESS
- MAHOGANY



Roofing • Siding • Decks • Trim

ROOFING FOR HISTORIC PROJECTS A SPECIALTY

**HIP & RIDGE CAP
STOCK & CUSTOM FANCY CUTS**

CUSTOM ORDERS WELCOME

535 LIBERTY LANE, DEPT. TB, WEST KINGSTON, R.I. 02892
800-88CEDAR 401-789-6626

 WE SUPPORT SUSTAINABLE & RENEWABLE RESOURCE MANAGEMENT 

WRITE IN NO. 653



Fancy Butt Hand-cut Shingles

Our low maintenance and high durability Western Red Cedar shingles will make your home beautiful and energy efficient. Seven historical patterns; fire treated available. Since 1946. Call or write for information

South Coast Shingle Company, Inc.
2220 East South Street, Long Beach, CA 90805
(213) 634-7100

WRITE IN NO. 423

SPECIFICATION FACTORS FOR WOOD SHINGLES

- **Shingles:** Wood Species; Grade; Sawn or Split; Surface Dressing; Acceptable Widths; Length; Butt Thickness; Tip Thickness
- **Coatings & Treatments:** Factory-Applied Pressure Treatment; Surface Treatment; Treatments Required After Cutting (e.g., CCA-treated shingles should be brush-treated after cutting); Treatments For Color
- **Underlayment:** Disposition Of Old Roof; Repairs to Existing Underlayment; Method to Ensure Air Circulation Under Shingles (Furring Strips or Nailing Lath)
- **Fasteners:** Nail Type & Length (e.g., Double hot-dipped galvanized, aluminum, stainless steel, or copper sized to penetrate 3/4 depth of nailing surface)
- **Shingle Installation:** Shingle Pattern; Exposures (Full triple layering, etc.)
- **Ridge Treatment:** Projecting Comb; Board Ridge; Alternating Closed Ridge; Rolled Metal Ridge Cover; Boston Capped Ridge, etc.
- **Valley Treatment:** Closed Swept Valley; Open Valley With Metal Flashing; Open Valley With Wooden Wedge, etc.
- **Hip Treatment:** Alternating Shingle Lap; Boston Capped Hip; Rolled Metal Hip Cover; Fanned or Swirled Alternating Shingle, etc.
- **Flashing Details:** Specify flashing details for chimneys, dormers, porch roofs, etc.
- **Flashing Material:** 20 oz. Lead-Coated Copper; Terne-Coated Stainless, Galvanized, etc. (Bear in mind possible interaction of treatment chemicals in the shingles with the metal flashing and fasteners.)
- **Installation Methods:** Detail any special installation instructions (e.g., avoid pneumatic staple guns; avoid interwoven building felts, avoid sinking nail heads below shingle surface, etc.)



Quartersawn Clapboard Siding

Building Materials
Wide pine and hardwood flooring

Quartersawing
produces a vertical grain clapboard.

- Twists and warps less
- Wears more evenly
- Bonds paint and stain better

Also featuring...

Olympic's Machinecoat™
Exterior Pre-Finish
for all types of siding.

Allows finishing prior to installation with **10 year warranty:**

- Crack, Peel and Flake Resistant
- Washable without damaging finish
- Non-Yellowing

Granville Manufacturing
Company, Inc. • Established 1857
Granville, Vermont 05747


802-767-4747

Call or write for free brochure

WRITE IN NO. 417

Bellvale Roofing Slate

Roofing Slate and Copper Work for Historic Preservation. Accepted contractor by NYC Landmarks Commission. Limited number of projects per year to insure our standards of excellence.



Consultation available. For further information on system design, delivery, and cost estimate, call:

BELLVALE CONSTRUCTION CO.
Box 127, Dept. TB, Bellvale, N.Y. 10912 (914) 986-5107 FAX (914) 986-6709

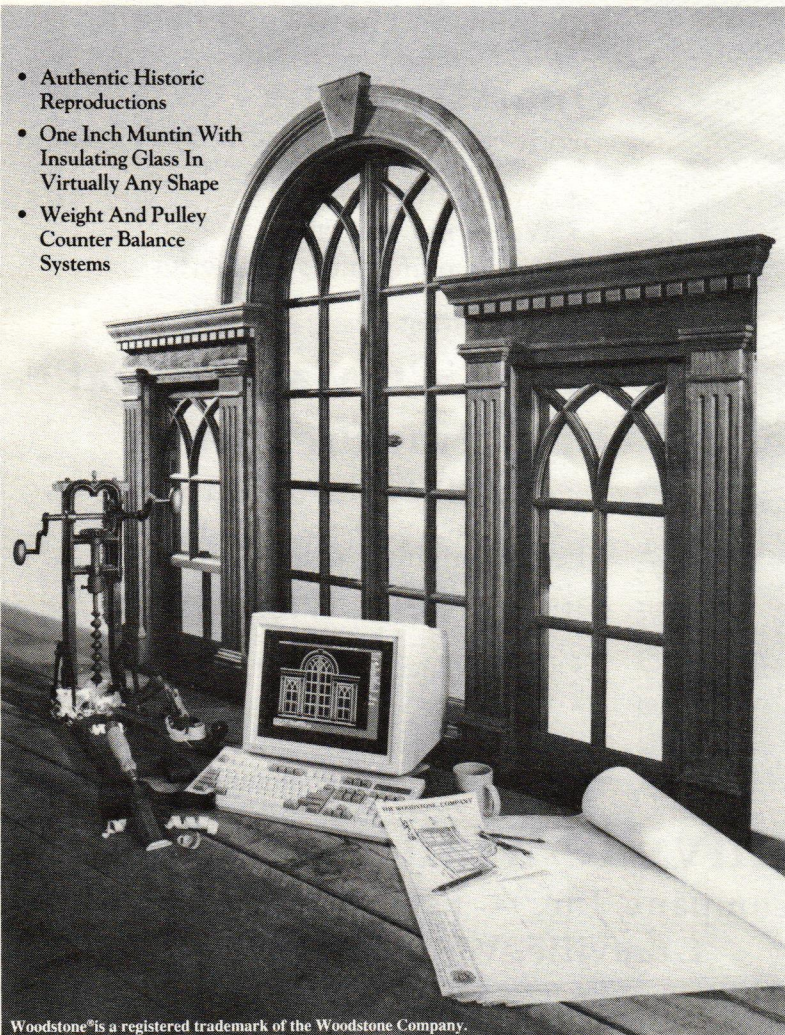
WRITE IN NO. 679



Division 8
DOORS & WINDOWS

**TRADITIONAL & CONTEMPORARY
WOODEN WINDOWS & DOORS**

- Authentic Historic Reproductions
- One Inch Muntin With Insulating Glass In Virtually Any Shape
- Weight And Pulley Counter Balance Systems

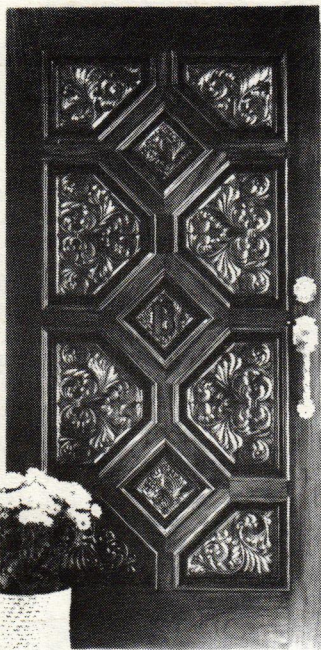


Woodstone® is a registered trademark of the Woodstone Company.

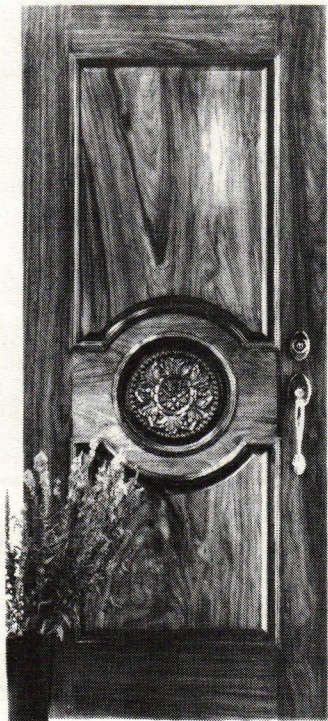
W·O·O·D·S·T·O·N·E

DEPT T B, BOX 223, WESTMINSTER • VERMONT 05158
(802)722-9217 • FAX(802)722-9528

Hand-Carved Wood Doors



Choose from our standard selection of **28 solid hardwood exterior and interior doors** — plus 10 sidelite systems. Or we'll custom-build a door to your specifications. Select from our premium hardwoods: Mahogany, Rosewood, Teak, or Red Oak. Every exterior door measures 1-3/4" thick (1-1/4" panels) with *absolutely no veneer or implanted wood*. Standard and custom stained glass panels available.



Our doors are not mass-produced; Elegant Entries doors are made by hand, hand-assembled, and hand carved. Each hand-carved door is a work of art.

Elegant Entries

Affordable Elegance

20 Washington St. (Rt. 20)
Auburn, MA 01501
800-343-3432

WRITE IN NO. 703

Bronze Restoration Hardware



Made by the Lost Wax Process for superb detail, then machined to strict tolerances — achieving highest product quality. Our hardware has been specified for the finest restorations, including:

- ★ Union Station, Washington D.C.
- ★ Georgia State Capitol, Atlanta, GA
- ★ New York State Capitol, Albany, NY
- ★ Union Oil Co. Museum, Santa Paula, CA
- ★ Michigan State Capitol, Lansing, MI

Select from our stock patterns — or we can manufacture to your specifications. Send \$2.25 for catalog and price list.

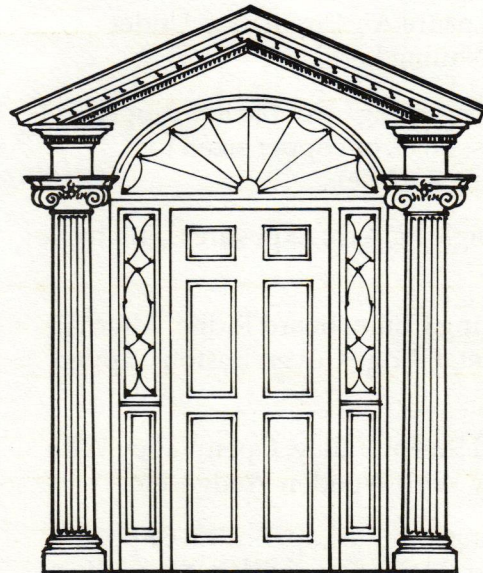
CIRECAST

"When the job demands quality."

380 7th Street, Dept. TB, San Francisco, CA 94103 (415) 863-8319

WRITE IN NO. 593

**The 50 most
beautiful Doorways
in America.**



Or anywhere! Our hand-carved 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.

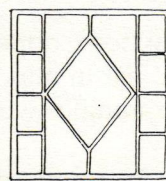


One Thompson Square, P.O. Box 34
Boston, Massachusetts 02129
(617) 242-1711

WRITE IN NO. 389

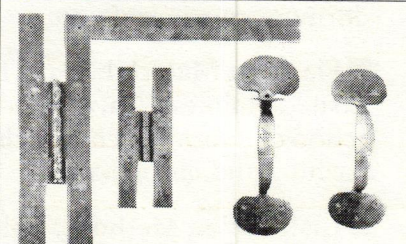
**REPLACE
ROTTED SASH**

Any style, any size. Wood storms and screens, too. Costs less than you think. Fast turn-around. Insulated glass available. Call or write for facts.



1051 South Rolf Street, Davenport, Iowa 52802
(319) 323-4757

WRITE IN NO. 146

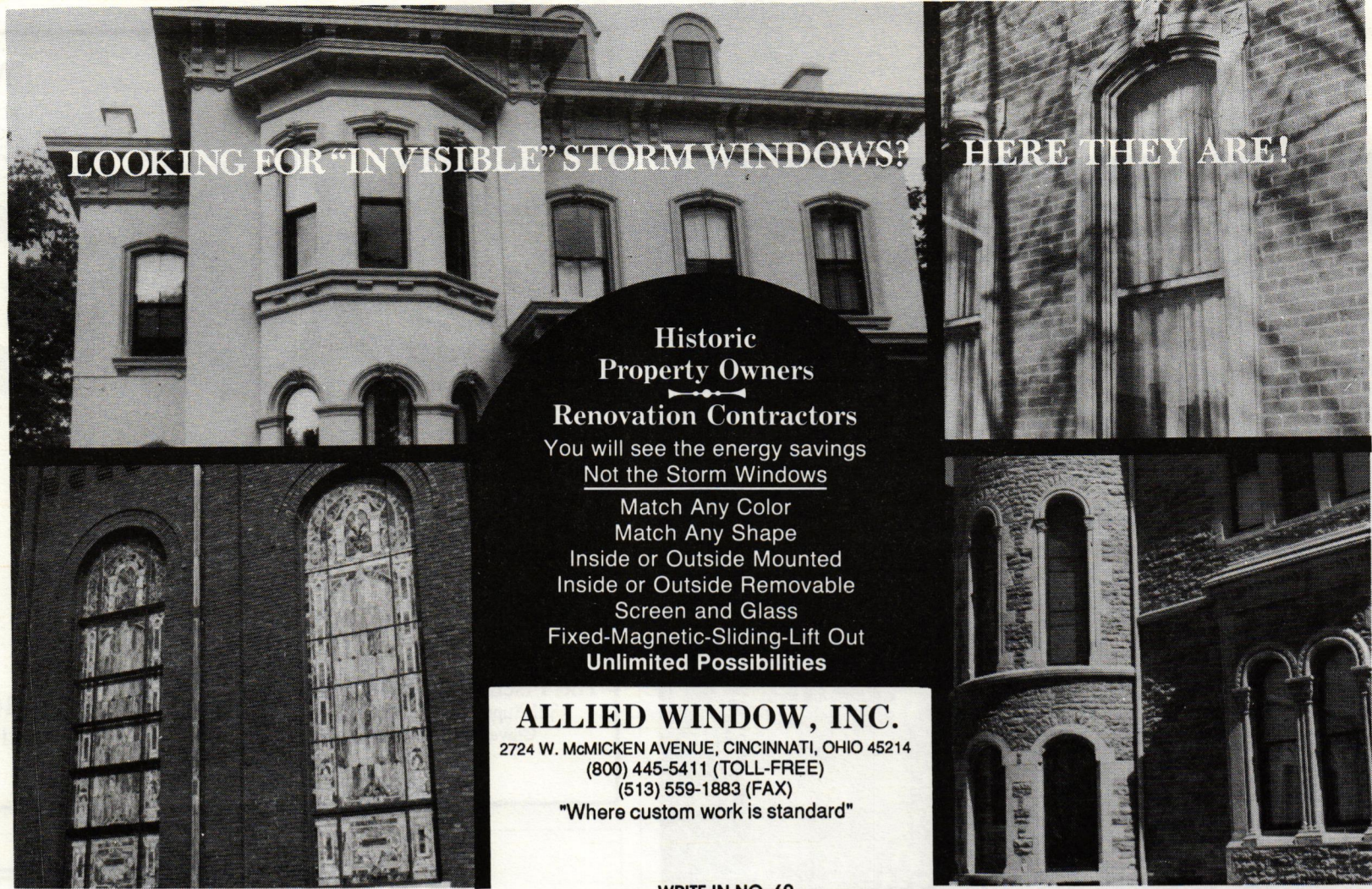


**HAND FORGED
Reproduction Colonial Hardware**

Old Smithy Shop
PO Box 336
Milford, NH 03055
Ph. (603) 673-0132

Catalog \$300

WRITE IN NO. 591



LOOKING FOR "INVISIBLE" STORM WINDOWS? HERE THEY ARE!

Historic
Property Owners
Renovation Contractors
You will see the energy savings
Not the Storm Windows

Match Any Color
Match Any Shape
Inside or Outside Mounted
Inside or Outside Removable
Screen and Glass
Fixed-Magnetic-Sliding-Lift Out
Unlimited Possibilities

ALLIED WINDOW, INC.

2724 W. McMICKEN AVENUE, CINCINNATI, OHIO 45214
(800) 445-5411 (TOLL-FREE)
(513) 559-1883 (FAX)
"Where custom work is standard"

WRITE IN NO. 69



Division 9
FINISHES

HEART PINE FLOORING

A tradition you can stand on

OLD HEART PINE — From the heart of the South, ancient timbers have been reclaimed and thoughtfully re-milled for YOUR FLOORS.

NEW HEART PINE — From virgin pine we select the highest-quality heart pine which has an enduring patina as seen in the re-milled old material. Kiln-dried.



TIRESIAS, INC.

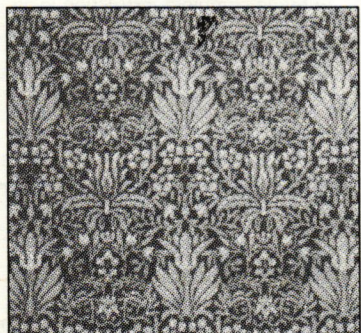
P.O. Box 1864, Dept. TB
Orangeburg, SC 29116
Or call today, (803) 534-8478

WRITE IN NO. 661



J.R. BURROWS & CO.
HISTORICAL-DESIGN MERCHANTS

617/524-1795



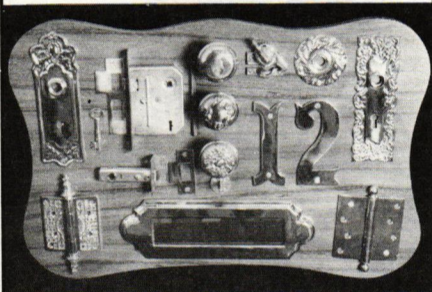
"Tulip & Lily Runner," William Morris c.1875

Burrows & Co. offers the restoration community an extraordinary collection of Wilton and Brussels carpets in nineteenth century patterns. Period pattern papers in the mill's archives are the source for a diverse range of designs from 1800 - the 1910's. Custom woven to order on antique looms in 100 tuft per inch worsted Wilton quality.

P.O. Box 1739, Jamaica Plain
Boston, MA 02130 Catalog \$5.00

WRITE IN NO. 693

**VICTORIAN
DOOR
AND CABINET
HARDWARE**



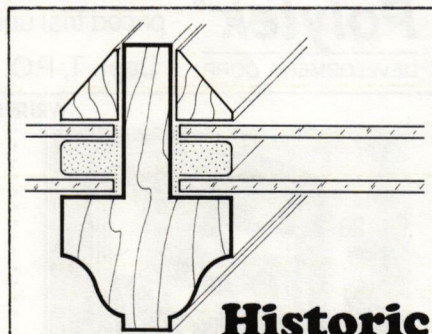
Our Victorian Door and Cabinet Hardware Catalogue has what we have found to be the most asked for hardware plus many hard-to-find items such as floor registers, bar rails, towel bars, stair rods and ice box hardware.

Classic Brass & Hard-To-Find Parts
Send \$3 For Complete Color Catalogue

BATHROOM MACHINERIES
BOX 1020-TB • MURPHYS, CA 95247
(209) 728-2031

Also- Victorian Plumbing Catalogue, send \$3.

WRITE IN NO. 586



**Historic
Wood Windows**

(718) 596-2313 • Fax (718) 596-0079

WRITE IN NO. 720

CHESTNUT FLOORING

Custom Milled From
Antique Barn Lumber

Genuine and Remilled
Antique
Oak & Pine Planks
Antique Floors Installed
Hand Hewn Beams
Barn Siding
Have Dry Kiln

Dave Wasley
(203) 589-5765

WRITE IN NO. 648

Custom Wood Windows

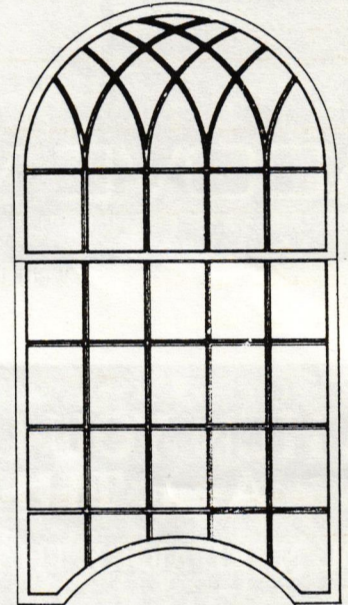
Ricketson Woodwork specializes in custom wood windows, glazed with true divided lites of half inch insulating glass.

Since 1902

Whatever your woodworking requirements, we welcome your inquiry.

One of hundreds of windows replaced at the historic Providence County Courthouse. Mahogany sash with small lites of insulating glass.

Ask about our new tilt/turn window and lift slide doors.

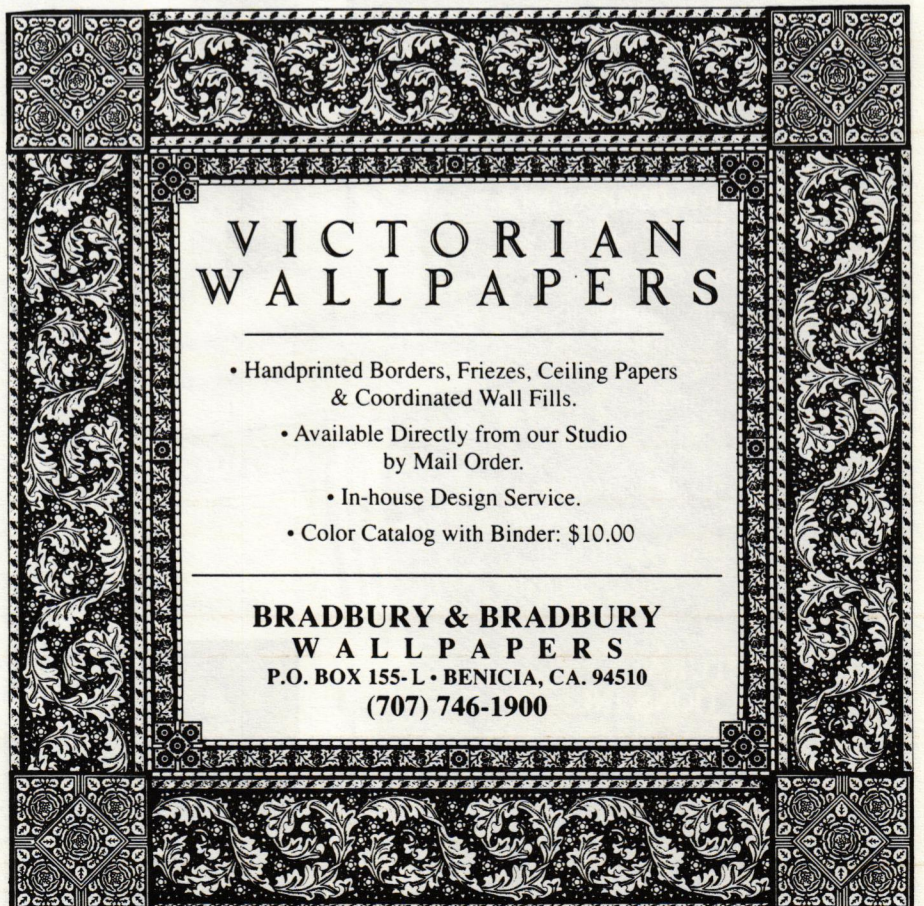


RICKETSON WOODWORK



THE HARTFORD BUILDERS' FINISH CO., INC.
100 Bidwell Road, Dept. TB, South Windsor, CT 06074 (203) 289-1222

WRITE IN NO. 719



**VICTORIAN
WALLPAPERS**

- Handprinted Borders, Friezes, Ceiling Papers & Coordinated Wall Fills.
- Available Directly from our Studio by Mail Order.
- In-house Design Service.
- Color Catalog with Binder: \$10.00

**BRADBURY & BRADBURY
WALLPAPERS**
P.O. BOX 155-L • BENICIA, CA. 94510
(707) 746-1900

WRITE IN NO. 13

SUSPENDED PLASTER CEILING TILES

ABOVE VIEW, INC.
241 EAST ERIE STREET • MILWAUKEE, WI 53202 • 414-271-4477

WRITE IN NO. 376

*Cartouches
Friezes
Centerpieces
Brackets*

*Niches
Cornice
Grilles
Mouldings*

We offer over 1500 handcrafted plaster ornaments for the building industry. Custom reproduction is also available.

The Fischer & Jirouch Co.
4821 Superior Ave., Dept. TB
Cleveland, OH 44103

Bus. Tel. (216) 361-3840
FAX Tel. (216) 361-0650

WRITE IN NO. 196

CAMERON NORIEGA
ATELIER

ARCHITECTURAL ORNAMENT

Complete service from design and pattern making to finished product. We can create or recreate ornament in concrete, plaster, terra cotta or fiberglass reinforced concrete, to your specifications. Whether duplicating existing ornament or creating new patterns from your designs, we offer impeccable craftsmanship at reasonable rates

156 Culver Avenue, Jersey City, NJ 07305
(201) 332-6827

WRITE IN NO. 413

MOLD RUBBER
FOR
PLASTER, CONCRETE & RESINS

1:1 MIX • CAPTURES EXCEPTIONAL DETAIL • LOW COST • LONG MOLD LIFE

Easy to use liquid rubbers. Brushable or pourable

Polytek™ For **Free Technical Tips** mini-manual or specially priced trial unit call (908) 534-5990, or write today.

DEVELOPMENT CORP. Dept. T, P.O. Box 384 • Lebanon, NJ 08833

WRITE IN NO. 636

ARCHWAYS

NICHES

Buy at factory prices from the world's finest producer. Niches, Crown and Panel Mouldings, Mantels, Ceiling Medallions, Columns, Porches, Corbels, Archways, Domes and Oak Beams. Dealer and Manufacturer's agent inquiries welcome. Send today for your FREE 28 page full color catalogue.

ARISTOCAST ORIGINALS
Tel: (404) 333-9934
Fax: (404) 432-0232

Name

Address

City

State Zip

Dept. TB3A, Aristocast Originals
6200 Highlands Parkway, Suite 1, Smyrna, GA 30082

WRITE IN NO. 118

Kevin Rutan's
FE FI FAUX, INC.
presents

WORKSHOPS
in faux finishes

3-day instruction in marblizing • wood graining • wall glazing • fantasy finishes offering complete instruction in all aspects of faux finishes for both the novice and professional

For information
(919) 272-3289
8:30-2:30 EST
337 S. Davie Street • Greensboro, NC 27401

WRITE IN NO. 449

Antique Delft Tiles

AUTHENTIC 17th- & 18th-century Dutch Tiles in one of the world's largest and most varied supply. Liverpool, Spanish, and Portuguese tiles.

Helen Williams/Rare Tiles
Antique Delft Tiles and Faience
12643 Hortense Street
Studio City, Calif. 91604
Telephone: (818) 761-2756

WRITE IN NO. 550

WHEN YOU DON'T HAVE ALL THE PIECES... YOU NEED MORE THAN A PILE OF PARTS

ARCHITECTURAL REPRODUCTIONS offers a wide range of products and services for ornamental problems such as the reproduction of over 1,000 terra-cotta details at Seattle's Franklin High School. Our work included:

- **DESIGN** and structural engineering drawings of parts and attachments based on field conditions and material options.
- **MOLDMAKING** from shop fabricated models like the entry mockup (at right) and from original parts.
- **INSTALLATION COMPONENTS**, subframes and jobsite assistance.
- **PART PRODUCTION** using a cost-effective mix of materials. The new entries combined shop painted concrete, fiberglass and cast aluminum moldings.

For over ten years we've tackled detailing challenges from classical cast stone facades to contemporary plaster interiors. We give you more than just the pieces.

WRITE IN NO. 613

ARCHITECTURAL REPRODUCTIONS, INC.
525 North Tillamook Street
Portland, Oregon 97227
(503) 284-8007
FAX (503) 281-6926

You Won't Believe What You Can Do Because Of What We Can Do.

It's not granite,
marble or blown
urethane foam.
But it's rock-solid
and true to form.

Classic Carvings™ Incorporated



Restoration, Replication
and Your Creativity

20th Century technology
re-creates the best of
yesterday. Custom quality
(and quantity) products that
are easy to install, and can
be produced to fully comply
with today's building and
fire codes. On-site
replication capability.

For more information,
contact Classic Carvings™
in Chicago (312) 334-7997
or St. Paul (612) 688-6216

WRITE IN NO. 681



Division 10
SPECIALTIES

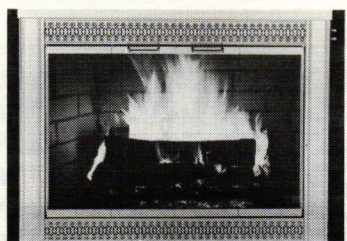
SMITH-CORNELL, INC. Plaques of Distinction

THIS PROPERTY HAS BEEN
PLACED ON THE
NATIONAL REGISTER
OF HISTORIC PLACES
BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR

P.O. Box 686 TB PH: 219-925-1172 (IN)
Auburn, IN 46706 800-325-0248

WRITE IN NO. 46

Thermo-Rite® The Originators Of GLASS FIREPLACE ENCLOSURES



CUSTOM - STOCK - FREE BROCHURE
216-633-8680 FAX 216-633-8701
P.O. BOX 1108 AKRON, OHIO 44309

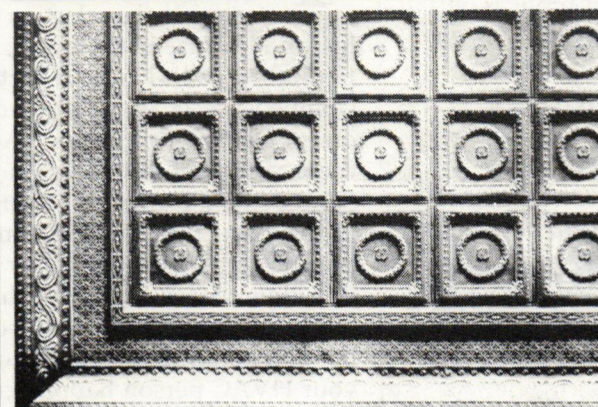
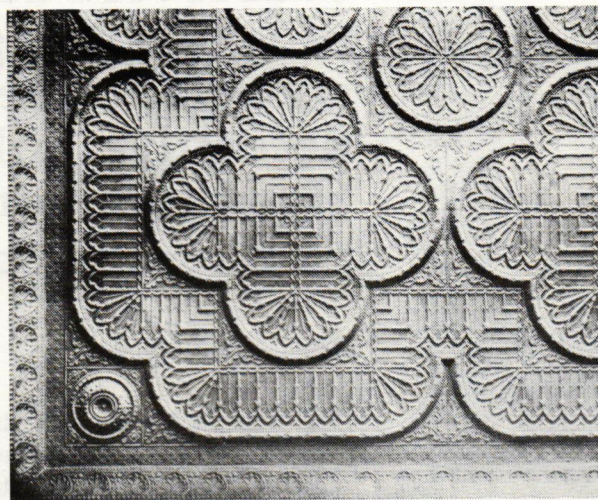
WRITE IN NO. 523

The Nation's Most Complete Collection Of

Architectural Sheet Metal

Decorative Metal Ceiling & Wall Panels

Hi-Art™ Steel Ceiling systems are made using original
80-year-old dies. The Hi-Art™ line includes center
plates, corner plates, border plates, cornice and filler
plates — permitting classic designs proportioned for an
exact fit. Over 140 patterns in either steel or copper.



Write for 72-page Sheet Metal Ceiling Catalog.
Or Circle No. 52

Pressed Metal Siding

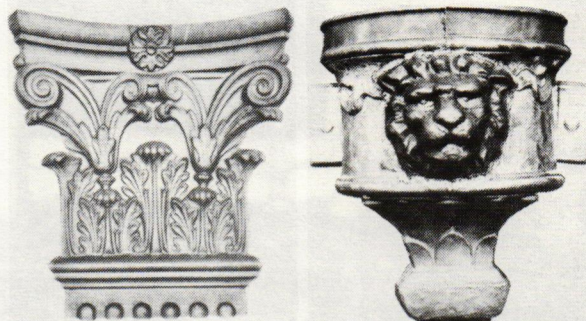
Pressed metal siding from turn-of-the-century dies:
lightweight, durable, economical. Brick, Rock-Faced
Brick, Pitch-Face Stone, and Cluster Shingle.

Write for Pressed Metal Siding brochure.

Sheet Metal Ornaments

Our 94-year-old line of sheet metal ornament contains
over 1,300 items available in zinc or copper.

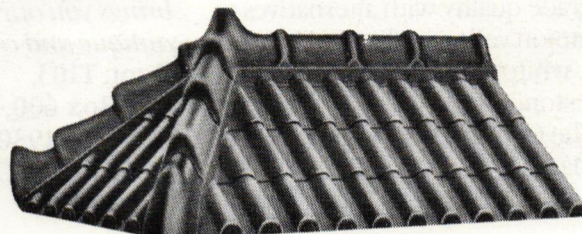
- ★ Cornices ★ Window Hoods ★ Moldings ★ Lintels
- ★ Capitals ★ Brackets ★ Corbels ★ Rosettes
- ★ Balusters ★ Urns ★ Capitals ★ Festoons ★ Finials
- ★ Scrolls ★ Leaves ★ Friezes ★ Canopies
- ★ Marquees ★ Glass pendant frames ★ Cresting
- ★ Garlands ★ Panel Ornaments ★ Lion Heads
- ★ Conductor heads & fittings ★ Weathervanes



Send for 84-page Sheet Metal Ornament Catalog.

Metal Roofing Shingles

Original 1908 line of metal roofing shingles... available
in galvanized steel or solid copper. Spanish Tile, Mission
Tile, Victorian, and Slate styles. Cresting, finials, and trim
also available.



Write for Metal Shingles brochure.

Custom Reproductions

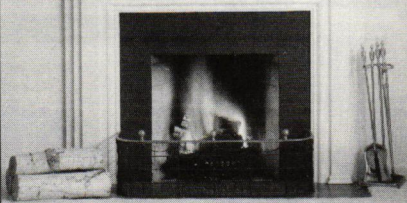
Our manufacturing process enables us to make
reproductions of original panels on a custom basis... or
to produce your original design. Call us to discuss your
needs.

W.F. Norman Corp. P.O. Box 323 Nevada, MO 64772 800-641-4038

WRITE IN NO. 52

Rumford Fireplaces

- Traditional
- Tall and Elegant
- Efficient
- The Fireplace that Keeps You Warm



"We must never forget that it is the
room that heats the air, and not the
air that heats the room."
Count Rumford, 1798

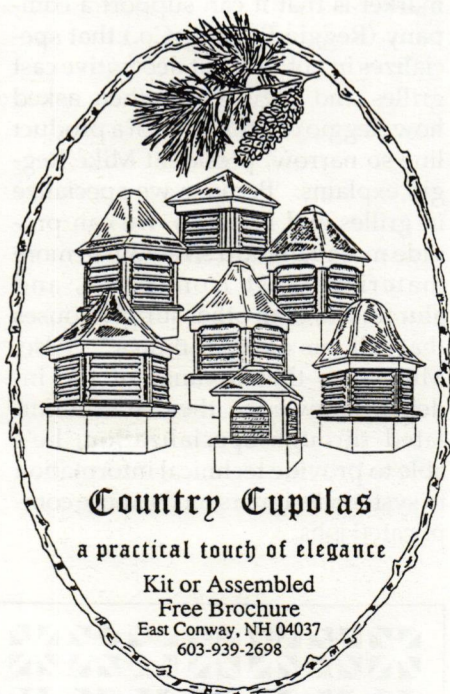
Available from
Buckley Rumford Fireplace Co.:

- Plans
- Kit with Forms, Templates and Instructions
- Rumford Fireplace Components
(Throats, Smoke Chambers, Flat Dampers)
- Custom Rumford Fireplace Building Services



Call or Write
for Information:
P.O. Box 21131
Columbus, OH 43221
614-221-6131

WRITE IN NO. 553



Country Cupolas

a practical touch of elegance

Kit or Assembled
Free Brochure
East Conway, NH 04037
603-939-2698

WRITE IN NO. 716

Bird BARRIER

NIXALITE BIRD CONTROL



Nixalite architectural bird control pro-
tects any exterior structure contour from
annoying bird defacement. Approved for
historic sites and national monuments
NIXALITE is an inconspicuous, humane
and virtually maintenance free solution
to bird problems. Call, fax or write
for details.

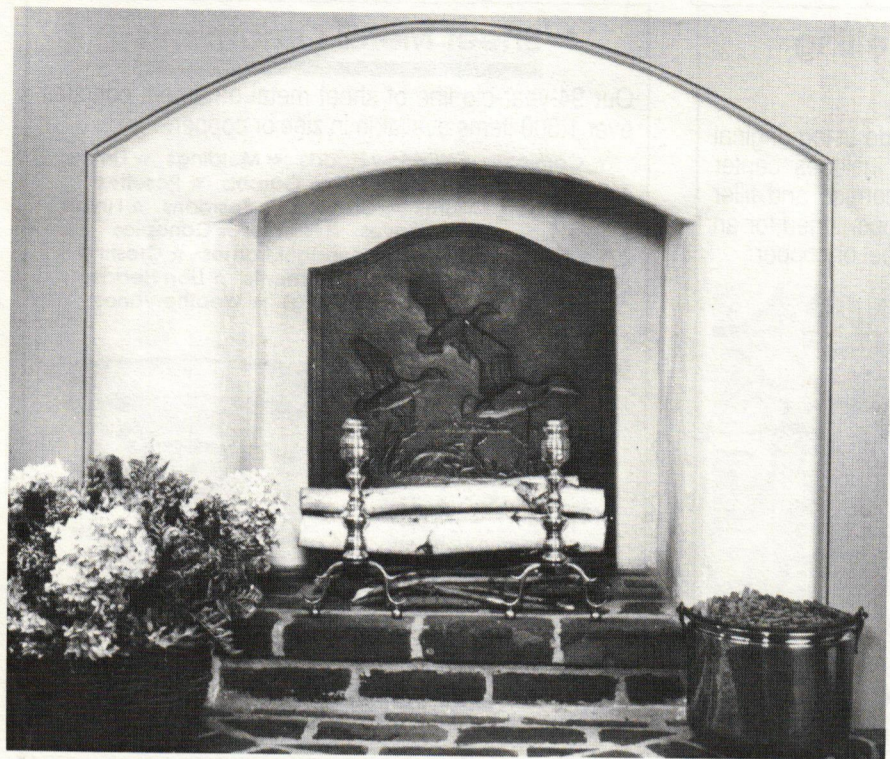
NIXALITE of AMERICA

1025 - 16th AVE - BOX 727
EAST MOLINE, IL 61244 - 309-735-8771
800-624-1189 - FAX 309-735-0077
SPECIALISTS IN BIRD CONTROL

WRITE IN NO. 37

F·I·R·E·B·A·C·K·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 letterhead brings you our 24-page catalog of 32 antique and contemporary designs.

Dept. T103,
P.O. Box 600,
Paoli, PA 19301.
(215) 296-7122



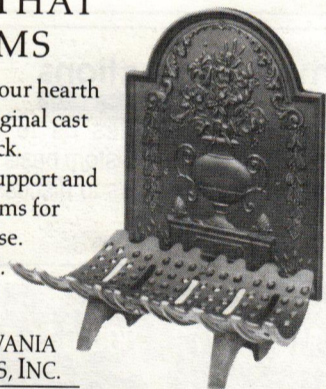
WRITE IN NO. 176

ART THAT WARMS

Light up your hearth with an original cast iron fireback.

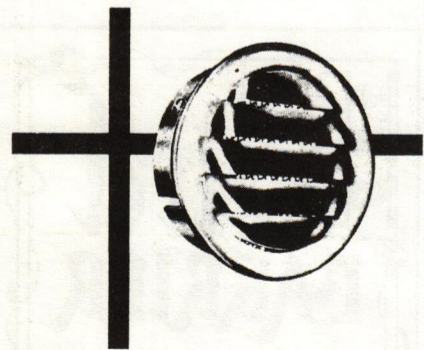
Patented support and grate systems for care-free use.

Catalog \$2.



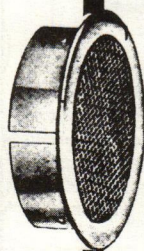
PENNSYLVANIA FIREBACKS, INC.

308 Elm Avenue, North Wales, PA 19454
WRITE IN NO. 565



MODERN VENTILATION

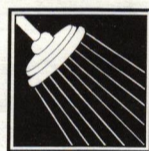
Control moisture vapor, damp rot, corrosion, and excessive heat with Midget Louvers... in regular and L.D. models, available in aluminum, anodized or chrome plated. Sizes 1" to 6" and 1/4" Thimble type. Weather and insect resistant... ideal for wood, metal, and concrete applications. Universally used by industry, builders, laboratories.



MIDGET LOUVER COMPANY

(203) 866-2342
800 MAIN AVENUE
NORWALK, CONNECTICUT 06851

WRITE IN NO. 270



Division 15
MECHANICAL



FINE EUROPEAN FAUCETS AND ACCESSORIES

WATERCOLORS

GARRISON ON HUDSON NEW YORK 10524 914 424 3327

WRITE IN NO. 53

ALL STEEL RADIATOR ENCLOSURES
FOR HOMES, OFFICES, CHURCHES, INSTITUTIONS

FROM THIS TO THIS

FROM \$21⁸⁵

BUY FACTORY DIRECT & SAVE • EASY TO ASSEMBLE
MANY STYLES & COLORS • BAKED ENAMEL FINISH
Send \$1.00 for Brochures. Refundable with Order.

MONARCH Dept. TB
2744 ARKANSAS DRIVE, BROOKLYN, N.Y. 11234
(201) 796-4117

WRITE IN NO. 606

special report

Sizing Up Grilles & Registers

To provide the finishing touch on your HVAC ducts, you have the choice of everything from plain-vanilla stamped steel registers to highly decorative grilles in cast brass, iron, aluminum—or even wood.

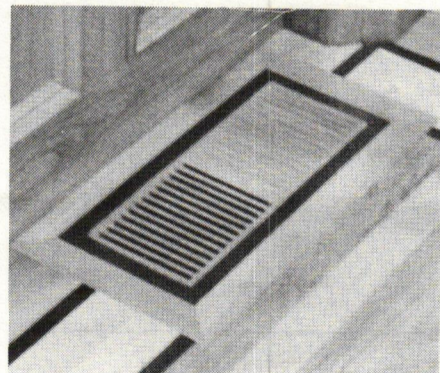
■ BY CLEM LABINE

THE PLAIN FACTS: If function, engineering precision, and cost are the controlling factors in the selection of grilles and diffusers for a job, you'll probably wind up selecting a stamped steel or aluminum unit from one of the major suppliers. (A few of these suppliers are included in the SourceList on page 36). The big companies supply a vast range of products that will channel air in any direction or fashion you wish. And their product literature provides enough engineering data to keep your HVAC person happily crunching numbers for hours.

However, if aesthetic or historical considerations play a big part on a job, chances are you'll select decorative registers (with air control louver) or grilles (without louvers) from one of the specialty suppliers shown in the SourceList. You won't have as wide a range of products and sizes to choose from, and you won't have charts full of engineering data to toss at your HVAC specialist. But you'll end up with a unit that will function satisfactorily—and will be more visually appealing than plain-vanilla diffusers.

One unusual aspect of this market is that it can support a company (Reggio Register Co.) that specializes in nothing but decorative cast grilles and registers. When asked how Reggio can thrive with a product line so narrow, president Mike Reggio explains: "Because we specialize in grilles and registers, we can provide more standard sizes (30) in more materials (cast iron, brass, and aluminum) than other supply houses that sell lots of other things." Also, Mike says that because of the in-depth knowledge they've accumulated through specialization, he's able to provide technical information to system designers on the more complicated jobs.

A relatively new player in the decorative grille market is American Home Supply. Their expertise is in cast brass; they don't produce anything in cast iron or aluminum. According to American Home's factory liaison officer, Bob Rubio, the company's claim to fame in grilles is the precision of the finish. He says that the raw brass castings are first run through a large milling machine to create square, true edges and a perfectly flat surface. "We've also had a machine built especially for polishing brass grilles," Bob says. "The two



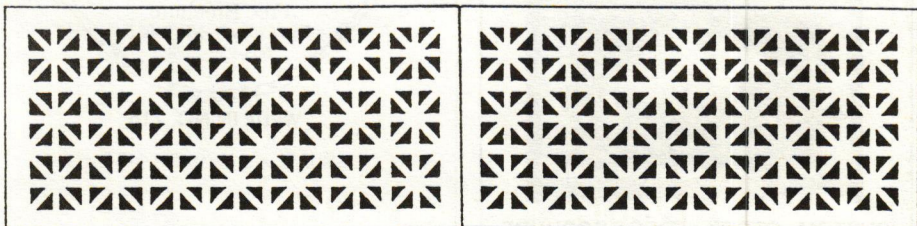
Triarco: Wood air vents in a wide range of hardwoods.

buffing heads can exert up to 400 psi. on the brass, much higher than you can get with hand polishing." The end result, he declares, is a very smooth, even appearance across a large surface area.

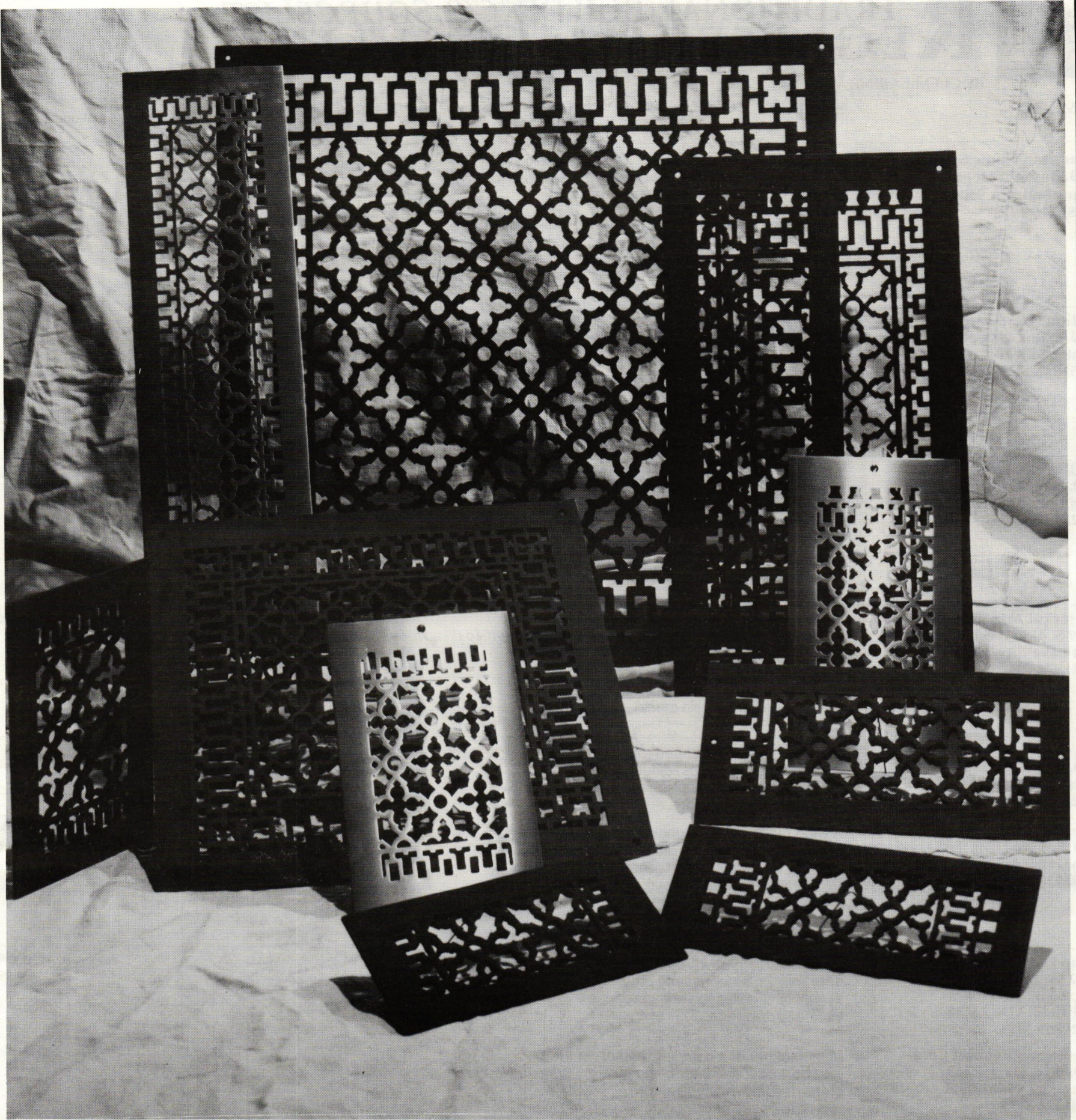
The Size Nightmare

Many of the problems in decorative cast grilles are size-related. Tim Judge, proprietor of The Antique Hardware Store, says (only partly in jest): "Selling registers is a nightmare! People call and say 'I want one just like in your catalog, but 2 inches longer and 1 inch wider.' As soon as they find out what custom registers cost, however, the majority quickly decide they can make do with one of our standard models."

continued on page 37

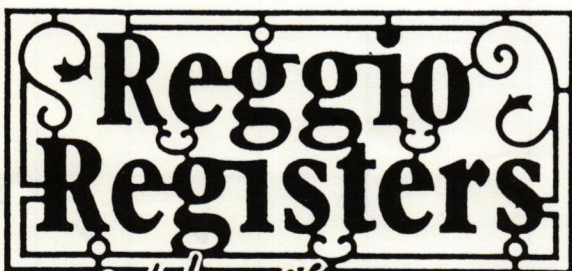


Register & Grille Mfg.: Custom stamped grilles.



Largest Selection Available!

• 90% of orders shipped within 48 hours •



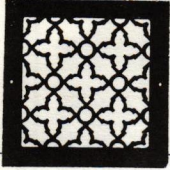
*Solid brass
and cast iron*

USA made **Reggio Registers**® enhance the beauty of your wood floors and fine carpets. Maximize heat circulation from woodstoves, solar collectors, gravity and forced-hot-air heating systems. Choose from elegant brass or traditional cast-iron registers and grilles. Request our new color catalog for styles, sizes and prices.

The Reggio Register Co.

Dept. Z103, P.O. Box 511, Ayer, MA 01432 • (508) 772-3493

WRITE IN NO. 581



TRADITIONAL BUILDING'S SOURCELIST REGISTERS & GRILLES

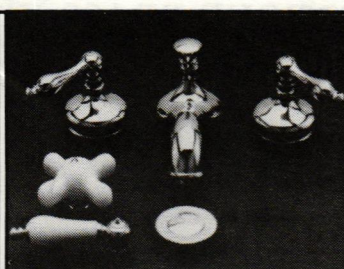
CSI# 15880

BY CLEM LABINE

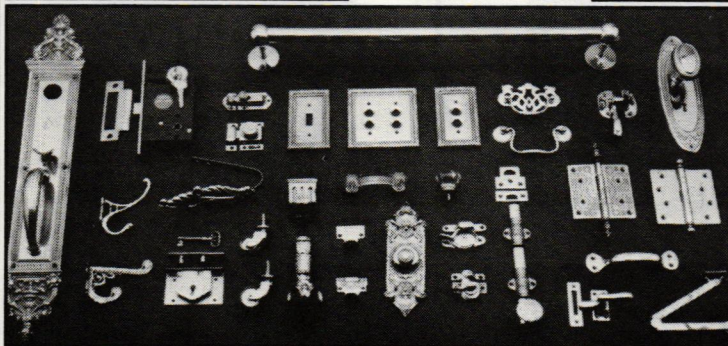
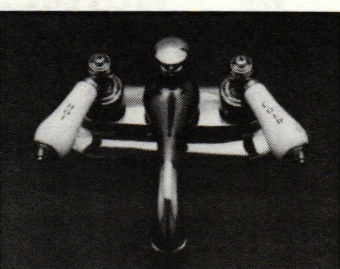
COMPANY	SPECIALTY	LITERATURE	CAST REGISTERS				Stamped/ Extruded	Wood	% Custom
			Iron	Brass	Aluminum	Bronze			
American Home Supply P.O. Box 697, Dept. TB Campbell, CA 95009 (408) 246-1962	Sells cast solid brass grilles. They are especially proud of their "Auto-power" polishing machine which, by polishing a large surface area in a single pass, assures a flat smooth final product — avoiding the wavy surface that can result from hand polishing. Smallest size: 2-1/4" x 10". Largest: 14" x 18".	Catalog \$2 <i>Write in No. 672</i>		✓					5%
Antique Hardware Store R.D. 2, Box 4, Dept. TB Kinterville, PA 18930 (215) 847-2447	This purveyor of a wide range of period hardware, plumbing, and lighting fixtures offers a selection of cast brass and cast iron floor registers — including a round register made to fit an 8" hole. Largest size rectangular register: 20-1/2" x 16-1/2".	Free <i>Write in No. 673</i>	✓	✓					5%
Grillworks P.O. Box 343, Dept. TB Spring Park, MN 55384 (612) 471-8717	Manufacturer of wood grilles that accommodate a standard metal register (to control air flow) just below the wooden grille. Red oak drop-in models fit standard duct openings from 2-1/4" x 12" through 6" x 16". Come prefinished or unfinished.	Free					✓		15%
Historical Arts & Casting 1939 S. 4130 West, Unit F Salt Lake City, UT 84104 (801) 974-0242	Custom foundry produces all types of cast metal architectural ornamentation — including grilles. Will work to client's drawings — or they can produce patterns from their extensive design library. No stock products.	Free <i>Write in No. 121</i>	✓		✓	✓			100%
Krueger P.O. Box 5486, Dept. TB Tucson, AZ 85703 (602) 622-7601	Wide selection of stamped and extruded registers, grilles, diffusers — plus security grilles and registers — in contemporary designs.	Free					✓		10%
Lima Register P.O. Box 28, Dept. TB Lima, OH 45802 (419) 228-1411	A wide range of contemporary-styled registers, grilles, diffusers, sized to fit every standard duct. Residential and commercial models. Capabilities to manufacture almost any size from 6" x 4" to 8' x 6' (and larger if needed).	Catalog \$1					✓		10%
Brian Leo Custom Hardware 7532 Columbus Ave. S. Dept. TB Richfield, MN 55423 (612) 861-1473	Small custom hardware manufacturer makes, among many other things, cast grilles to your specifications and drawings.	Free	✓	✓	✓	✓			100%
The Reggio Register Co. P.O. Box , Dept. Z103 Ayer, MA 01432-0511 (508) 772-3493	Manufacturer of a complete line of cast iron, cast aluminum, and cast brass decorative grilles and registers based on historic originals. Has stock models that will fit standard ducts from 2-1/4" x 10" to 30" x 30".	Free <i>Write in No. 581</i>	✓	✓	✓				10%
Register & Grille Mfg. Co. 202 Norman Ave., Dept. TB Brooklyn, NY 11222 (718) 383-9090	Custom manufacturer of decorative stamped grilles made in steel, aluminum, or bronze in a variety of finishes and designs. Custom linear bar grilles for wall, floor, or ceiling in aluminum or solid bronze in various finishes.	Free					✓		85%
Registers Unique, Inc. 175 Chesterfield Industrial Blvd. Dept. TB St. Louis, MO 63005 (800) 874-6027	Solid brass cast floor registers manufactured in two patterns: A simple contemporary design or traditional Victorian. They come in a variety of sizes in polished brass, antique brass, and chrome.	Free		✓					10%
Triarco, Inc. P.O. Box 66, Dept. TB Blissfield, MI 49228 (517) 486-4581	Wood air vents, grilles, and louvers in red or white oak, ash, rosewood, and many other hardwoods. Standard or self-rimming models duct sizes from 2" x 6" to 12" x 32". Wood vents handle cold air or warm air from standard forced-air heating systems. Also solid cast brass grilles and solid stamped brass grilles.	Catalog \$1 <i>Write in No. 574</i>		✓			✓	✓	20%
Wood Ventures P.O. Box 563, Dept. TB Grass Valley, CA 95945 (916) 272-4972	Wood air grilles available in two models: Self-rimming and flush mount. All models are stocked in both red and white oak, and in all common duct sizes. Custom sizes accommodated.	Free						✓	25%



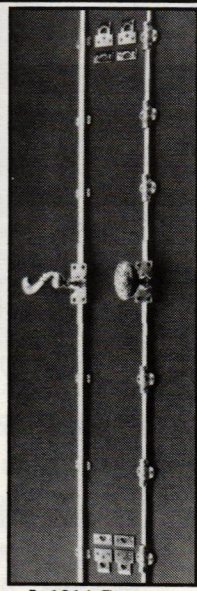
Just a few samples of 24 different Cast Brass grill sizes we make. All "Auto-Power Machine Polished" and Lacquered---NOT sandblasted NOR "wavy" hand polished. Prices start at only \$35.00---Compare.



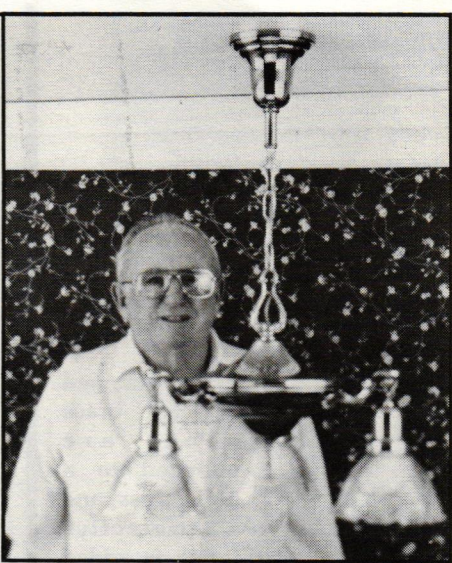
ZF-10 Beautiful heavy cast Solid Brass polished & lacquered 4" center faucet set w/- porcelain lever handles & free brass sink pop-up set---only \$95.00
ZF-21 Beautiful Solid Brass- polished & lacquered Widespread faucet set---your choice of 3 handles w/- a free brass sink pop-up set---only \$169.50. Shower/Tub sets available.



It's hard, if not just plain impossible, to show you in a small ad such as this, the incredible range of products we have "in stock". Yes, "in stock"! We have 99.4% of our items always in stock (from records of 1990 shipments) and can ship to you the same day. So, while we might be distant from you, we often can deliver faster than your local supplier and beat their prices too! The small "sampling" in the above picture is only "the tip of the iceberg": For instance: One doorknob with backplate is shown--we stock 20 others; Two casters are shown--we stock 14 plus 2 versions of toe caps in 6 sizes; two hallstand hooks shown--we stock over ten; One antique chest lock shown--we have the largest selection of solid brass antique cabinet locks in the U.S.; Two items of glass hardware are shown--we carry the largest variety of glass hardware (and colors) in the U.S.; Solid Brass switch covers available in 14 templates; Large Victorian design thumb latch entrance plates--4 varieties with beautiful cast designs with the matching locks too; Cabinet latches--over 30 different kinds including icebox latches. Hinges: We stock over 25 rare types. The list can go on forever--but it's best just to get a catalog.



L-1314 Cremona Bolt set: Basic set w/o handle \$137.50



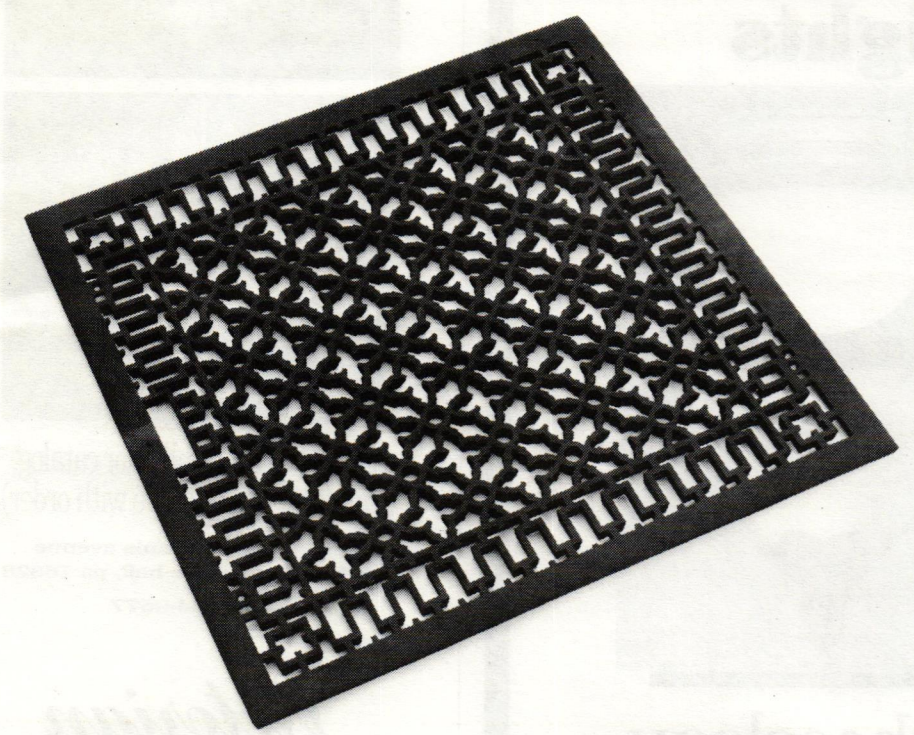
"Restoring with these products is a pure joy. They are such nice people and very efficient along with it." Jim Wilbert Sr., Sunnyvale, CA.

Mr Wilbert installed our ZA-433 ceiling lamp: only \$110.00. Many others available. Send for our beautiful four color catalog of over 900+ restoration items; only---\$2.00

AMERICAN HOME SUPPLY
Post Office Box 697
Campbell, California 95009
Phone: (408) 246-1962

WRITE IN NO. 672

Registers & Grilles, continued from page 34



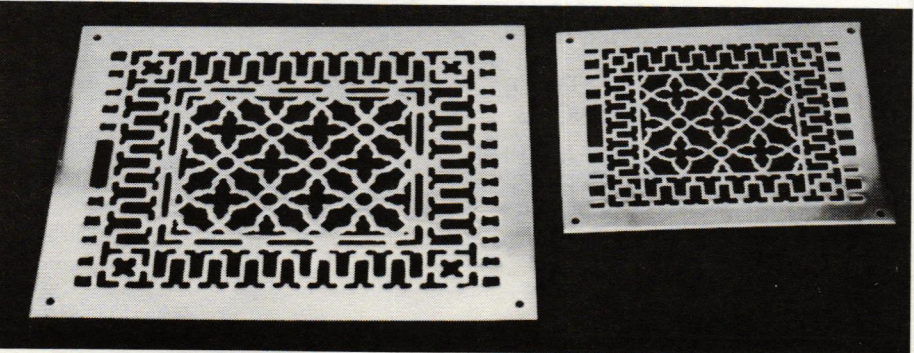
Reggio Registers: Widest selection of cast grilles & register

Because decorative grilles and registers is a specialty market, suppliers can't pay for tooling and inventory to cover every possible request; they have to stick to sizes and styles that the bulk of the market is asking for. On new systems, of course, it's possible to size ductwork so as to take advantage of the closest standard size. And on retrofit jobs, you can usually adapt an old duct to a stock register by splicing in a new section

of sheet metal to make the transition.

Materials Limitations

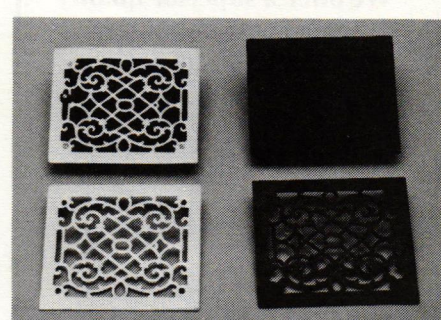
With cast metal registers, there aren't many application limitations. One caution: With lacquered brass grilles --- because of the tarnish factor --- it's probably best to avoid floor installations in kitchens and baths where water is present. Also, in high-traffic areas, lacquered brass floor registers can suffer partial wearing away of the



American Home Supply: Focusing on polished brass.

lacquer --- which may require stripping and refinishing.

Wood grilles have enjoyed increasing popularity in the past couple of years because of their ability to complement wood interiors. Unlike metal, however, wood is affected by changes in temperature and humidity. So if you're considering wood grilles, be sure you deal with a company whose products have a track record in the type of heating or air-conditioning application you're considering.❖



Antique Hardware Store: Patterns in both cast brass & iron.

SPECIFICATION FACTORS FOR DECORATIVE GRILLES & REGISTERS

■ **MEASUREMENTS:** Grilles and registers are normally referred to by the dimensions of the hole or ductwork it is meant to cover (NOT the outer dimensions of the grille). This sometimes causes confusion with property owners who aren't familiar with this measurement convention.

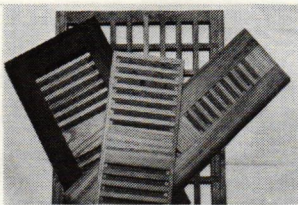
■ **SIZES:** Be aware that cast registers and grilles do not come in every conceivable size. If you don't find the size you want in a catalog, it means (1) You have to have a custom unit made (which is quite expensive); or (2) You'll have to do some sheet metal work to adapt the duct to accommodate a stock unit.

■ **ENGINEERING FACTORS:** Product literature for decorative grilles does not contain the kind of performance data on CFM, pressure drop, outlet velocity, horizontal throw, etc., that you find for conventional steel grilles. If your HVAC specialist is clamoring for this kind of data, call the vendor. They may be able to supply some information that will help.

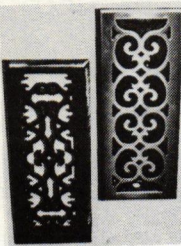
■ **FINISH:** Castings should have no burrs, sharp edges, or pin holes. The surface should appear flat and free of surface defects and blemishes. For the highest polish on cast brass, specify a US3 finish.

■ **LOUVERS:** Air flow control louvers are sometimes attached to the back of the register; other times, louver units (designed to be attached directly to the duct) are sold separately from the grille. Some building codes require louvers attached to the register, so check your local code.

■ **THICKNESS:** If a grille or register is being used on the floor, and it may be subject to unusual loads, check metal thickness and the rated load-bearing capacity.



Strong, durable wooden vents are made from over 40 different select woods in 57 standard sizes and 6 style configurations.



Solid stamped or cast brass vents are polished to a high gloss and a protective finish is added for lasting beauty.

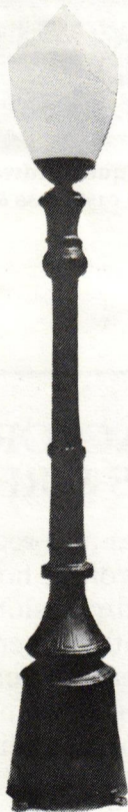
Send \$1.00 for catalog to:

TRIARCO, INC.
Dept. TB
P.O. Box 66
Blissfield, MI 49228

WRITE IN NO. 574

ARCHITECTURAL ALUMINUM CASTINGS

We offer a superior quality line of cast-aluminum reproductions of antique period lights in a variety of styles at comparatively low prices.



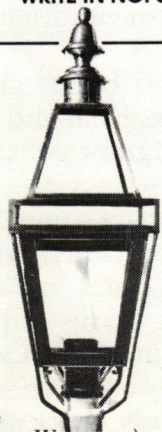
Outdoor lamps and related accessories for: Parks, Streets, Driveways, Entrances, Gardens, Decks, Patios, Pools

Send \$2.00 for catalog.



P.O. Box 5077, Dept. TB
Silver City, NM 88062
(505) 388-3318

WRITE IN NO. 660



Catalog Available
\$3.00 (from Worcester)

6 Fremont St., TB3
Worcester, MA 01603
(508) 755-3434

Metro West Plaza, Rt. 20, TB3
Marlboro, MA 01752
(508) 485-6721

WRITE IN NO. 604

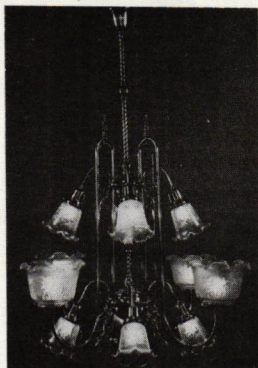
Lighting by HAMMERWORKS

We offer the finest quality and most complete catalog in handmade colonial reproduction lighting and forged hardware



Custom Blacksmithing & Lighting

VICTORIAN AND TURN OF THE CENTURY Chandeliers, Sconces & Fixtures



Design • Contract • Manufacturer • Restoration • Replacement Parts & Glass Shades

THE MOST COMPLETE SOURCE FOR ANTIQUE AND REPRODUCTION GAS, OIL AND ELECTRIC LIGHTING

Lighting Catalog \$5.00

THE FINEST LAMP & FIXTURE RESTORATION AVAILABLE

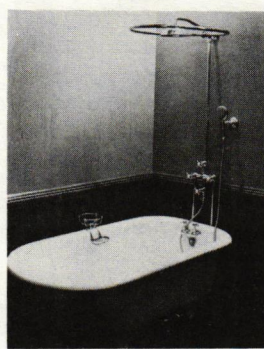
ROY ELECTRIC CO., INC. (800) 366-3347

SHOWROOM: 1054 Coney Island Ave., Brooklyn, NY 11230

In N.Y. (718) 434-7002 Fax: (718) 421-4678

WRITE IN NO. 43

ANTIQUe BRASS SHOWERS & FIXTURES



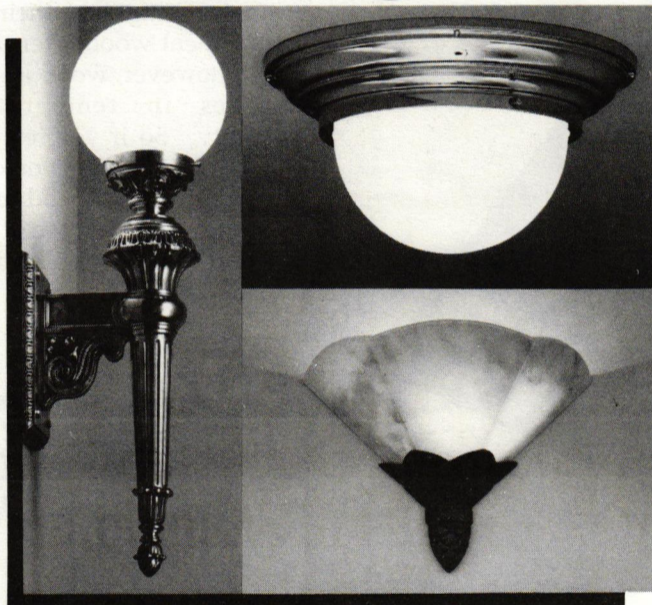
• Claw Tubs • Brass & Chrome Showers • Shower Rings • Pedestal Sinks • Faucets • Oak High Tank Toilets • Cage Showers • Cross Handles • Porcelain • Hard-to-Find Parts • A Huge Selection of Accessories • Expert Advice

Plumbing Catalog \$6.00



Division 16
ELECTRICAL

New Lights



Urban Archaeology

New 54,000 sq. ft. gallery
285 Lafayette Street, New York City 10012
212-431-6969

WRITE IN NO. 299

For Free Product Literature, Use The Coupon On Page 46 Or The Enclosed Postcard.

PORCELLI STUDIO
64 WOODSTOCK DRIVE
NEWTOWN, PA 18940
(215) 860-9947

SPECIALIZING IN MUSEUM QUALITY AMERICAN MADE REPRODUCTION TIFFANY LAMPS AND BRONZES

REPRODUCTION & PERIOD WINDOW COMMISSIONS

SERVING COLLECTORS AND THE TRADE WITH NINETEEN YEARS OF LAMPMAKING EXPERTISE

REPAIR & RESTORATION SERVICES AVAILABLE

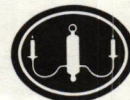
SAMPLE GLASS PAK: \$15.00

CALL OR WRITE FOR CURRENT LISTING & PRICE LIST



WRITE IN NO. 497

MAKERS OF COLONIAL AND EARLY AMERICAN LIGHTING FIXTURES



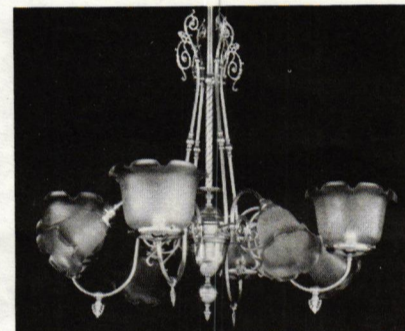
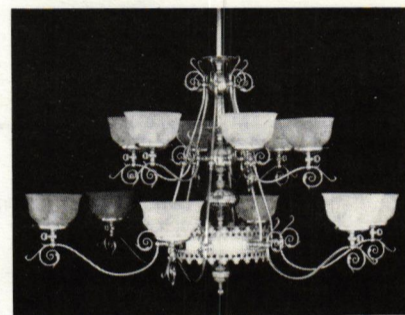
AUTHENTIC DESIGNS

47 The Mill Road, West Rupert, Vermont 05776
(802) 394-7713

Catalogue \$3.00

WRITE IN NO 6

Superb grace of design.



Send \$5 for our full color catalog. (catalog fee refundable with order)

251 s. pennsylvania avenue
po box 469, centre hall, pa 16828
814-364-9577

Victorian Lighting Works

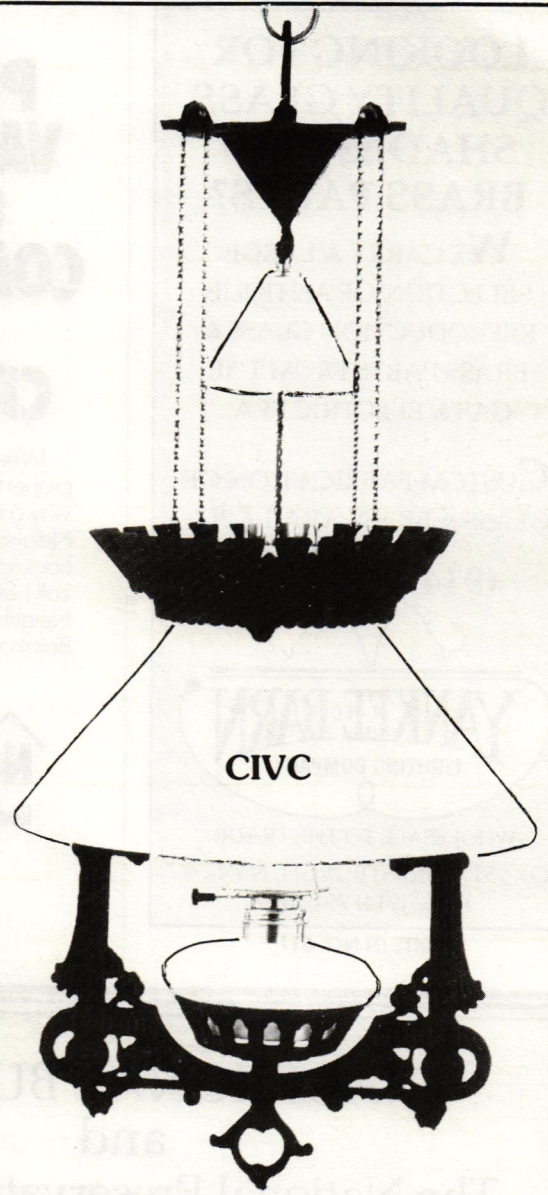
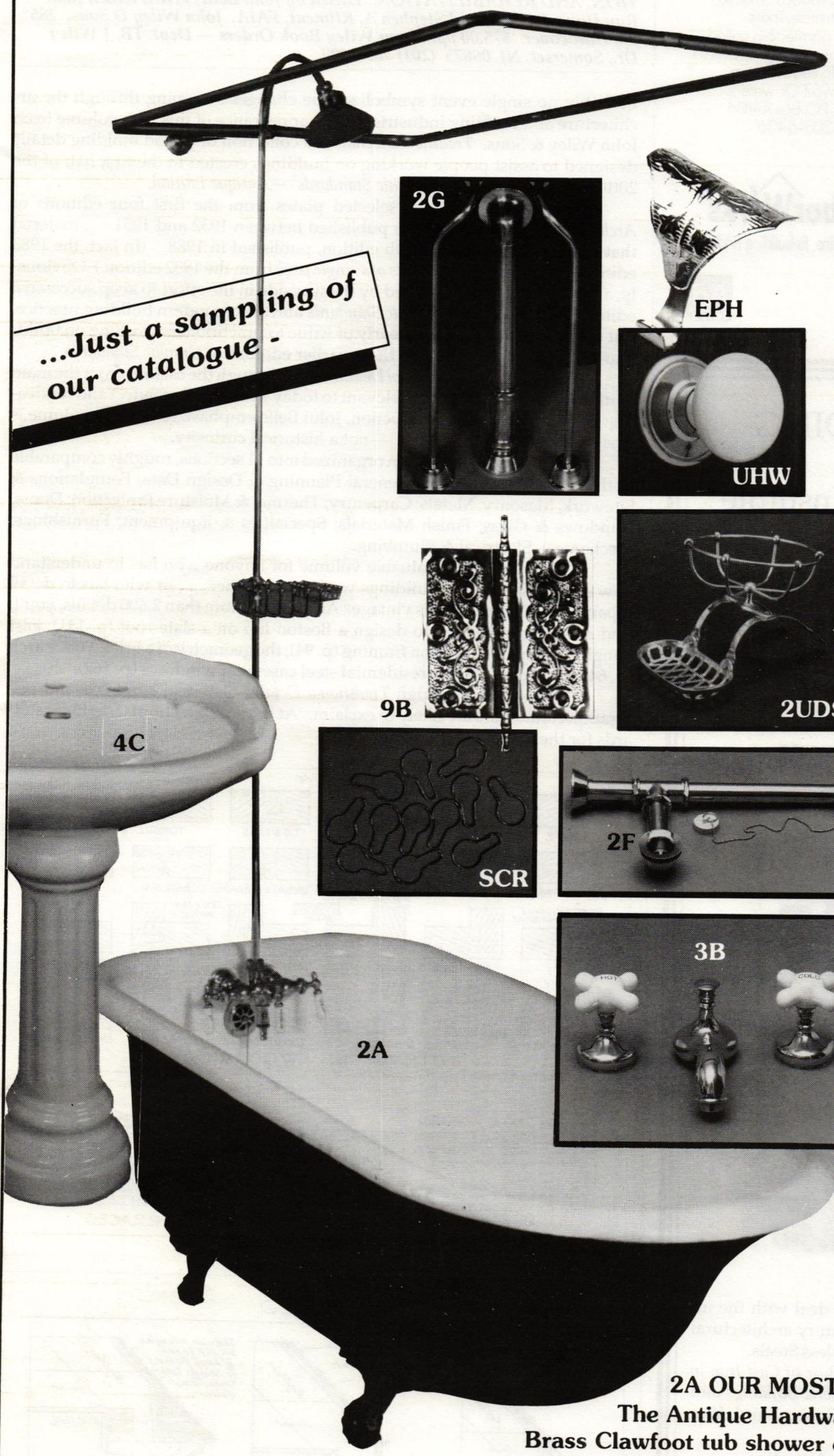


WRITE IN NO. 373

The Antique Hardware Store

RD #2, BOX A, ROUTE 611
KINTNERSVILLE, PA 18930

...Just a sampling of our catalogue -



CIVC Beautiful heavy cast iron **country store light** (electrified). Opal glass font, shade & smokebell; chimney included. 28" H. x 13" dia. Can be converted to gas/oil; hanging ht. adjust. w/gas (must be stationery with electric). **\$279.00**

9B Solid brass Victorian **hinge**. 4"x 4" loose pin. **\$29.95**

UHW White **ceramic knob set**. 2 1/4" dia., 2 3/8" backset. Fits 2 1/8" predrilled doors. Passage set **\$37.95**/Privacy set **\$39.95**

2UDS Tub mount **soap holder**. Bends to fit tub rim. **\$21.95**

SCR One dozen brass shower clips. **\$14.95 doz.**

EPH Victorian **picture hook**. Hooks to old fashioned molding in old homes and used to hang pictures with rope. **\$5.95**

2G Solid brass **water feeds**. (1/2" O. D.) **\$84.95 per pr.**

2F Solid brass clawfoot **tub drain/overflow** with chain and plug. (1 3/8" dia. pipe) **\$77.95**

3B Widespread **faucet set** with "HOT/COLD" porcelain **cross handles** and 1 1/4" pop-up drain. (Variable centers) Solid brass. **\$189.00**

4C Charming **Colonial/Victorian Pedestal Sink** with fluted base. (8" centers) 25 3/4" W. x 19 1/4" D. x 31 1/4" H. (35 3/4" to top of backsplash) **\$389.00**

2A OUR MOST POPULAR ITEM at The Antique Hardware Store...The Solid Brass Clawfoot tub shower conversion. **\$459.00**

Call **1-800-422-9982** for our NEW catalogue!

Department 300

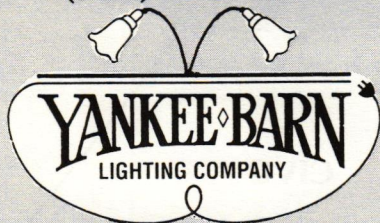
WRITE IN NO. 673

**LOOKING FOR
QUALITY GLASS
SHADES AND
BRASS PARTS?**

WE CARRY A LARGE SELECTION OF ANTIQUE REPRODUCTION GLASS & BRASS PARTS FROM THE GAS & ELECTRIC ERA.

CUSTOM FABRICATION OF GLASS & BRASS AVAILABLE

(914) 794-7299

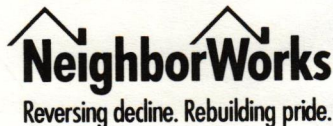


WHOLESALE TO THE TRADE
BOX 95T, FORESTBURGH, NY 12777
FAX: (914) 794-7549

WRITE IN NO. 611

**PROPERTY
VALUE CAN'T
CLIMB IF
COMMUNITIES
ARE
CRUMBLING.**

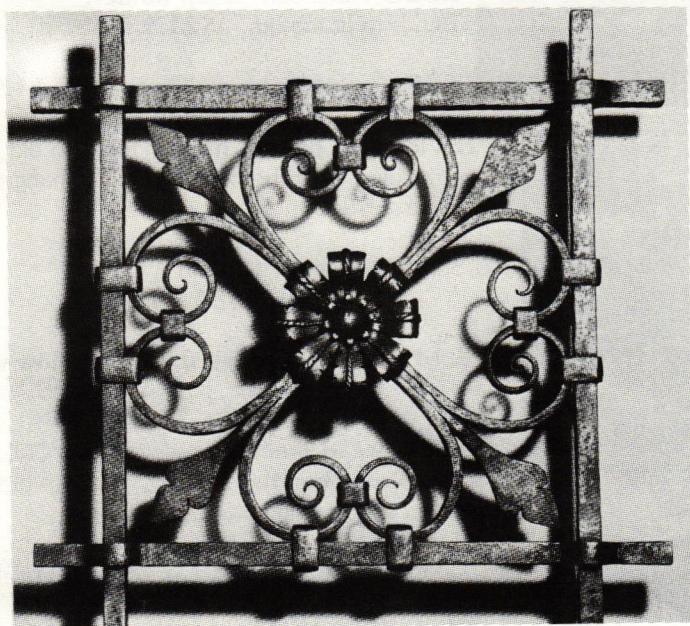
When neighborhoods crumble, property values tumble. That's why a non-profit partnership called NeighborWorks is working to reverse housing decline. To find out more, call 1-800-245-6957. Or write NeighborWorks, P.O. Box 41406, Baltimore, MD 21203-6406.



TRADITIONAL BUILDING
and
The National Preservation Institute
present:

**20th-Century
Architectural Metals:
Preservation & Replication**

April 18, 1991
National Building Museum
Washington, D.C.



This ground-breaking 1-day Workshop will deal with the increasingly common problem of conserving 20th-century architectural metals: Steel, Aluminum, Bronze, Copper, and Stainless Steels.

Workshop faculty includes Diana Waite, author of *Cast Iron in Troy*; Jack Waite, author of *Metals in America's Historic Buildings* and principal in the firm of Mesick, Cohen, Waite; and Robert Baird, Vice President of Historical Arts & Casting.

For complete program details and registration information, write or call:

The National Preservation Institute
National Building Museum
Judiciary Square, N.W.
Washington, D.C. 20001
(202) 393-0038

Division 17
BOOK REVIEWS

**GRAPHIC STANDARDS
FOR
THE REHAB GENERATION**

TRADITIONAL DETAILS FOR BUILDING RESTORATION, RENOVATION, AND REHABILITATION. Edited by John Belle, FAIA, RIBA, John Ray Hoke, Jr., AIA, and Stephen A. Kliment, FAIA. John Wiley & Sons. 285 pp. Hardcover. \$75.00 ppd. from Wiley Book Orders — Dept. TB, 1 Wiley Dr., Somerset, NJ 08875 (201) 469-4400.

Probably no single event symbolizes the changes sweeping through the architecture and building industries as the appearance of this new volume from John Wiley & Sons. *Traditional Details* is a collection of period building details designed to assist people working on buildings erected in the first half of the 20th century . . . a sort of *Graphic Standards — Antique Edition*.

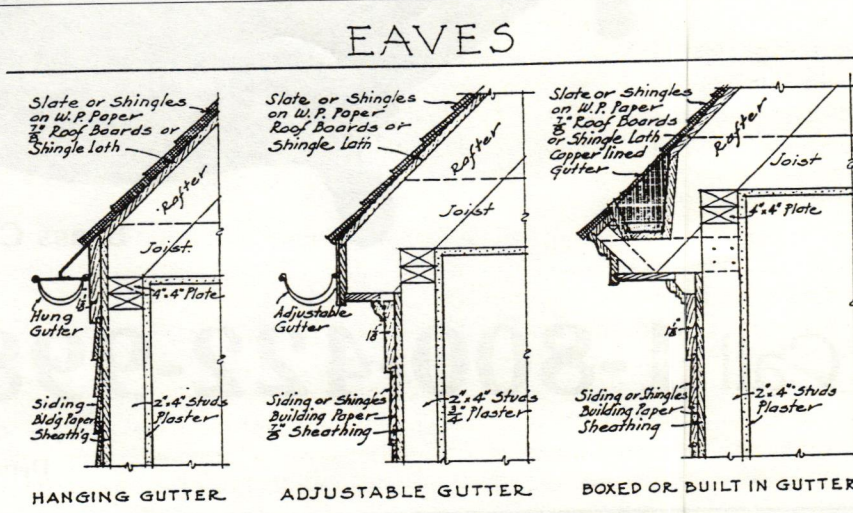
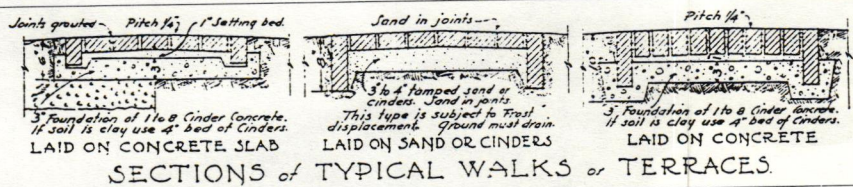
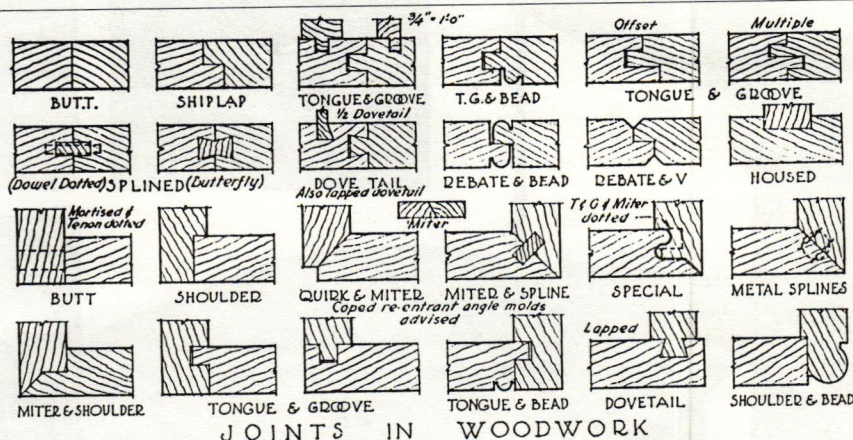
The volume contains selected plates from the first four editions of *Architectural Graphic Standards* published between 1932 and 1951 . . . material that does not appear in the 8th edition, published in 1988. (In fact, the 1988 edition contains only two-thirds of a single page from the 1932 edition.) Obviously, a lot of material got dropped by the wayside in the effort to keep successive editions of *Architectural Graphic Standards* abreast of modern building practice. But the dropped material is clearly of value to practitioners working on buildings constructed according to those earlier editions of *Graphic Standards*.

The editors of *Traditional Details* sifted through the castoffs from the main edition to see what would be relevant to today's historical architect and renovation contractor. In his introduction, John Belle emphasizes that the volume is designed to be a working tool — not a historical curiosity.

The old plates have been organized into 11 sections, roughly comparable to the major CSI divisions: General Planning & Design Data; Foundations & Sitework; Masonry; Metals; Carpentry; Thermal & Moisture Protection; Doors, Windows & Glass; Finish Materials; Specialties & Equipment; Furnishings; Mechanical, Electrical & Plumbing.

It's an extremely valuable volume for anyone who has to understand how early 20th-century buildings were put together . . . or who has to detail repairs on structures of this vintage. Among the more than 2,600 details, you'll find such things as how to design a Boston hip on a slate roof (p. 131); joist hanging methods in balloon framing (p. 94); the geometry of a brick Tudor arch (p. 64); and how to frame residential steel casement windows (p. 162).

After looking through *Traditional Details*, historical architects and restoration contractors are likely to exclaim: "At last, *Architectural Graphic Standards* for the rest of us!" ♦ — CL



THE MOST IMPORTANT ARCHITECTURAL BOOK IN 10 YEARS!

HUMANE ARCHITECTURE

NEW CLASSICISM. Edited by *Andreas Papadakis and Harriet Watson.* Rizzoli. 264 pp. profusely illustrated. Hardcover. \$67.50 ppd. from: Rizzoli International — Book Sales, 300 Park Avenue South, Dept. TB, New York, NY 10010 (800) 433-1238.

For those of us who believe the re-exploration of architecture's classical roots is the most important trend in design today, Rizzoli has just provided an important touchstone: *New Classicism*. This book contains a serious examination of the work and thought of the world's leading architects practicing in the classical tradition.



Allan Greenberg: Treaty Room, Department of State, Washington, D.C.

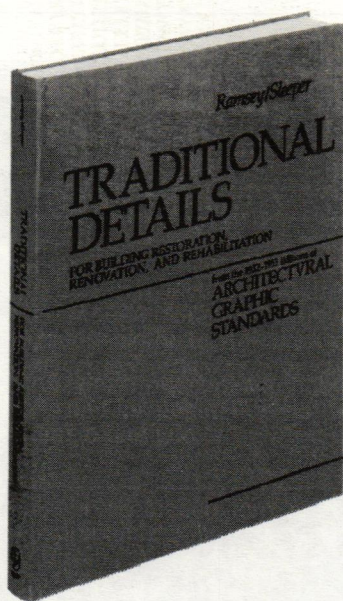
The volume is far more than a look at the latest ways of handling columns, capitals, and pediments. It provides a serious exploration of the human values that classicism offers the late 20th century world . . . especially in urban projects. It moves far beyond the frivolous use some Post-Modern designers made of classical motifs, and provides us with stimulating ideas by people who can write as well as design. Though there are plenty of the polysyllabic abstractions inherent in a scholarly work, the book is nonetheless suffused with a quality that can only be described as humane.

There is a stunning section on the more traditional forms of the new classicism, featuring the work of such architects as Allan Greenberg (his work shown), John Blatteau, and Quinlan Terry. In an essay, "The Architecture of Democracy," that accompanies some magnificent photos of his work, Allan Greenberg sets forth some of the reasons he has adopted classicism as a basic tenet of his practice. He states in part: "Psychological comfort in architecture is achieved through aesthetic satisfaction, easy orientation within the building, and a logical relationship between rooms, corridors, and all parts of the programme. . . . The concept of psychological comfort also encompasses our need to embody in architecture significant social experiences, political ideals, and religious beliefs."

And if you're one of the majority who believes classical architecture can always be recognized by columns and capitals, there is an illuminating section on abstract classicism — proving classicism is not so much a style as a way of thinking about our world.

In what is probably the most important part of the book, there are illustrations and discussions of the importance of classicism for urban environments. As Demetri Porphyrios declares in his essay, *Cities Of Stone*: "Nobody is born a traditionalist; he/she becomes one only after realizing that the traditional city is still today the most pleasing *Cita Felice*."

In the opinion of this reviewer, *New Classicism* is the most important book on architecture in the last 10 years. Anyone who dreams that the 1990's will see the built environment infused with a greater spirit of humanism hopes that this volume finds its way into the hands of every architect, city planner, builder, and developer in the country! ♦ — CL



BUILDING ON A GRAND TRADITION

Ramsey/Sleeper

Traditional Details For Building Restoration, Renovation, and Rehabilitation

From the 1932-1951 Editions of
Architectural Graphic Standards

Charles George Ramsey, A.I.A.,
& Harold Reeve Sleeper, A.I.A.

Edited by: John Belle, RIBA
John Ray Hoke Jr., AIA
Stephen A. Klimant, FAIA

The best and most representative traditional details from the first four editions of Architectural Graphic Standards have been collected to form this unique graphic reference. From slate roofs with hipped dormers to the connections in standard mill construction, this hands-on, practical volume presents a wealth of useful and rare information. Organized in the traditional Ramsey/Sleeper "foundation to furniture" format, the arrangement of pages parallels the drawing preparation sequence of a rehabilitation project. Created to aid architects, designers, and preservationists in rehabilitation and historic preservation work, *Traditional Details* contains hand-drawn details from the 30's and 40's and an extensive bibliography on building rehabilitation and historic preservation.

ISBN 0471-52956-7
1991 350 pages \$75.00

To Order, fill out coupon & mail to: John Wiley & Sons, Inc.
605 Third Avenue, New York, NY 10158,
Attn: Patricia Santoro, 10th Fl., Dept. 1-0511

- Send for 15-day exam, with bill.
 Payment Enclosed (Prepaid orders will be sent postpaid.)
 Charge my: VISA MASTERCARD AMEX
Card # _____

Expiration Date: ____/____/____

Name _____

Affiliation _____

Address _____

City/State/Zip _____

Signature _____

(Prices subject to change and higher outside U.S.)
TO ORDER BY PHONE, call toll free: 1-800-526-5368
(Orders Only, Please.)

All other inquiries, call: 1 (212) 850-6418



Order Code: 1-0511

WRITE IN NO. 688

Profile: WILBERT HASBROUCK
continued from page 4



Burnham & Root designed the Rookery in 1888, Wright reworked its interior in 1904, and Hasbrouck restored it in 1990. Photo: Hedrich Blessing

shingle, and his first commission, fortunately, was a very visible one.

The c.1836 Widow Clarke house, Chicago's oldest dwelling, survived the 1871 fire because it had been moved to the south side of town. Hasbrouck was hired to move it back north, to serve as a museum near H. H. Richardson's Glessner house (a building whose preservation he had orchestrated while with AIA). To reach its destination, the timber-frame Clarke home had to be hoisted over the El tracks. "It took weeks to get it up, hours to get it across, and weeks to get it back down," he says.

"It was a real media event." And better than any press release, it validated his firm's existence.

"When we opened," he says, "we thought we'd have to take on a great deal of new construction to keep the door open, but from day one we've had enough restoration work to keep everybody busy." (Most of the 10% of his practice that is new construction involves creating buildings that suit historic contexts.)

The Delaware Building gave him his next opportunity to make a splash. Begun two months after the fire, its eight simply ornamented



Hasbrouck met partner James Peterson when the two collaborated in 1981 on revamping the Grand Traverse County Courthouse in Traverse City, Michigan. Photo: Jack H. Murchie

stories set precedents for its neighbors in the Loop. "Everybody thought it was cast-iron, but we got lucky and discovered it was cast concrete, which was easier to repair," says Hasbrouck. "It's the only

Chicago building that ever became a landmark after it was restored, and one of the few in the Loop that Sullivan and Wright would recognize."

Enter James Peterson, an architect who concentrates on the tech-



Sears' towering headquarters echoes Dearborn Station. Photo: Ron Gordon



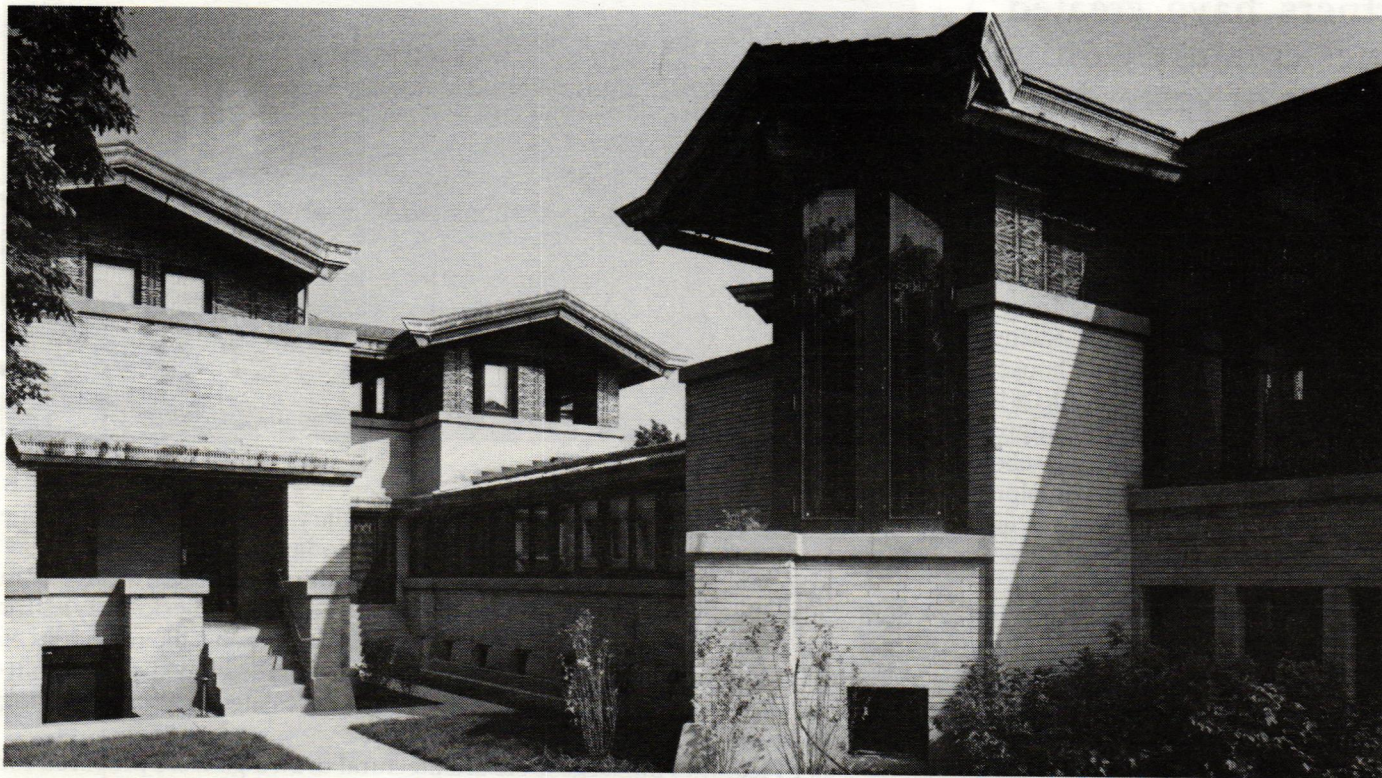
Hasbrouck converted Chicago's prominent — and unused — Dearborn Station into a retail/office complex.

nical rather than historical aspects of restoration. He asked Hasbrouck to collaborate on the Grand Traverse County Courthouse in Traverse City, Michigan. The county was ready to tear down its Romanesque 1899 courthouse in search of more room, until Hasbrouck and Peterson

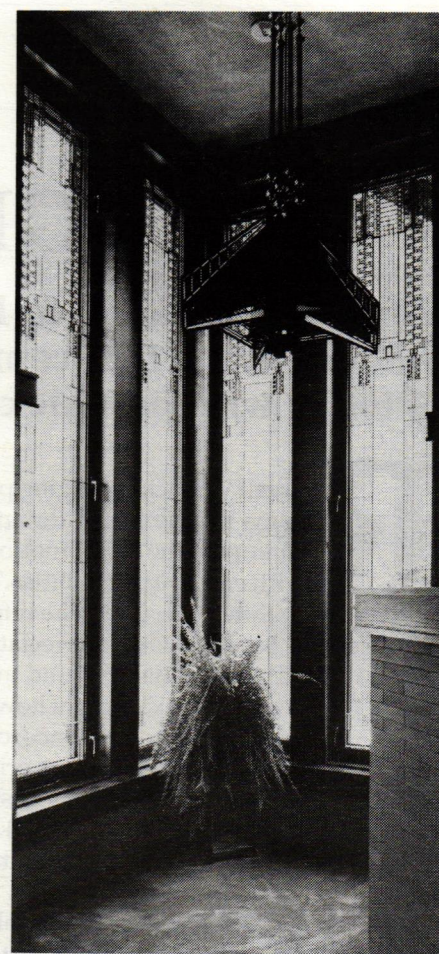
demonstrated how inexpensively the facade could be rejuvenated and how easily spaces could be reorganized. One of the partners' better received ideas, for example, was to convert the previously ignored attic into offices. Project cost per sq.ft. was \$49, while new construction then would have

cost \$70. And the two men have worked together ever since. (On January 1, they added to their list of partners, Henry Zimoch, an expert draftsman and longtime friend, and Jay Sirirattumrong, a former senior designer at the firm.)

"We don't divide duties very



The delicately embossed plaster frieze on Wright's Dana-Thomas House had collapsed; Hasbrouck rebuilt it. Photo: Doug Carr



Entry alcove to the Dana-Thomas House's gallery, with restored stained glass and light fixture. Photo: Doug Carr



The Dana-Thomas House retained much of its original furnishings; shown is the dining room. Photo: Doug Carr

strictly," says Hasbrouck, "but frankly I'm not a detail man. I like research and marketing, convincing an owner to restore a building. Jim leans towards defining and executing the work, and the new partners each have their own strengths. So we all get along great."

The Rookery and Dana-Thomas House have occupied much of the firm's time for the past few years. Burnham & Root designed an ornament-encrusted two-story lobby for the Rookery that Wright moderated. He replaced newel-post-capping electroliers with low-slung stone urns and covered the interior web of iron supporting columns with white marble sheaths incised with gold-leaf arabesques. Hasbrouck chose to restore the space to its 1910 appearance, when the building was fully occupied and heading into a commercial heyday; the project (with day-to-day administration by McClier Corp.) cost \$50 million.

The Dana-Thomas House, although its overhaul cost only \$3.5 million, was no less challenging. "It had suffered a total lack of maintenance and some misguided updates," says Hasbrouck. "The subtle wall colors had all been painted beige, and the woodwork's shellac had darkened to bluish-black." He restored the walls to sixteen shades of green, red, gold, and brown, using the same "scumbling" technique Wright used in 1904. He recreated the woodwork's finish by staining it brown with red highlights, exactly as Wright did.

"The Wright experts disagree with me over the red residue, but I'm certain of it, based on chemical analysis and the fact that Mrs. Dana loved sumac," Hasbrouck says. "The form and color of sumac are in the stained glass, and the woodwork now is exactly the color sumac turns in the fall. I have no proof Mrs. Dana ever said, 'Frank, I love that color,' but I know that the Danas were two of his wealthiest clients, I know that money talks — and I know Wright." ♦

project report

DESIGNING IN A NEW TRADITION

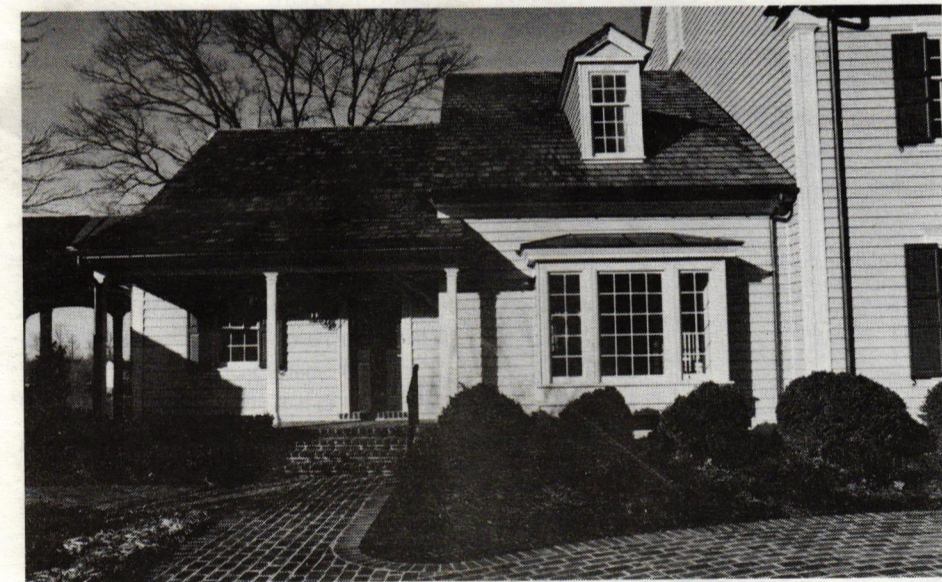
Versaci Neumann & Partners have created a modern home that combines creature comforts of today with psychic comforts of yesterday.

Russell Versaci, managing principal of Versaci Neumann & Partners, sums up the firm's design philosophy in a single sentence: "We champion the simple notion that designing traditional homes is rich with creative possibilities." Versaci says he senses a renewed spirit in domestic architecture, which he refers to as "New Traditions." This trend is characterized by a growing appreciation of the distinctive patterns, textures, materials, and craftsmanship found in America's heritage of fine old houses.

An outstanding example of how the firm translates that vision into bricks and mortar is a large new residence, called "Pleasant Hill," which is patterned after 18th-century Georgian houses originally built in New England. The client, a family of four, expressed a strong desire to live in a New England style colonial home. The program dictated 12,500 sq. ft. of living area, which could have resulted in a house so large and grand that it would overwhelm the scale of the original colonial prototypes.

The firm's solution to the problem of scale was to break the design into a composition of many additive parts — making it look as if the house had grown over many years. The central classic Georgian house appears to be the "original" building, which "grew" by attaching one-and-a-half story wings to each side. In turn, the wings were added onto with a gable-end block on one side and an open porch on the other. Each new section provides a variety of window patterns, roof forms, and construction details — presenting a rich array of architectural features.

While this five-part composition is original and unique to Pleasant Hill, the development of its architectural details relies heavily on historical source materials, in particular the *The White Pine Series of Architectural Monographs on Early American Architecture*. Many of the design motifs at Pleasant Hill are creative adaptations of neoclassical forms, manipulated into new, yet recognizable, forms — just as was done in the 18th century. As with all good classical



Resembling an 18th-century Georgian that grew in stages, Pleasant Hill encompasses 12,500 sq. ft. of living space within a single delicately proportioned composition.

PROJECT REPORT

PROJECT SCOPE: Design and build a modern residence with 12,500 sq. ft. of living area that satisfies client's desire for a traditional New England Colonial home. The design must also incorporate an attached carriage house garage and pool house.

LOCATION: Suburban lot of 6.8 acres of rolling ground in Potomac, Maryland

ARCHITECT: Versaci Neumann & Partners, Washington, D.C.; A. Russell Versaci, *Partner-in-Charge and Designer*; Mark S. Buchanan, *Project Architect*

LANDSCAPE ARCHITECT: Trace Associates, Washington, D.C.

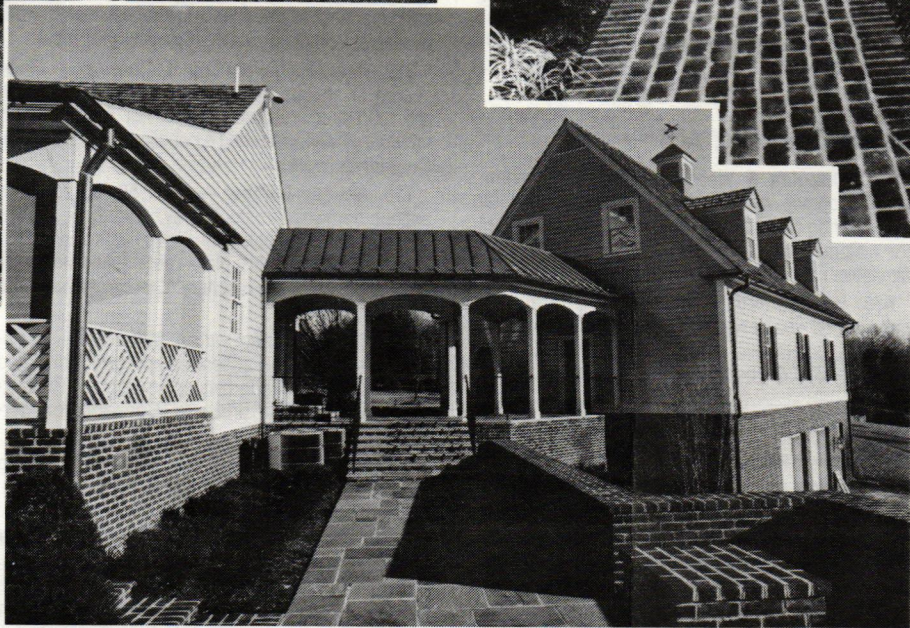
GENERAL CONTRACTOR: O'Neill Development Co.

revival architecture, this design uses the vocabulary of the classical language as source material for new translations suited to today's requirements.

The elongated composition of Pleasant Hill also owes a debt to American domestic architects of the 1920's, who reinterpreted Early American styles for town and country houses. Architects of that time, among them Charles F. McKim, Dwight James Baum, and Aymar Embury II, developed design solutions that adapted traditional Colonial styles to large estates while maintaining simple domestic proportions.

For Pleasant Hill, large-scale architectural drawings were prepared for every detail in the elevations, including the custom windows, door surrounds, fanlight dormers, bay windows, cupolas, and lanterns. Full-size custom molding profiles were drafted for the cornices, casings, and other trimwork because stock moldings did not have the correct proportions and heft of the Colonial originals.

The house was constructed with meticulous attention to detail by general contractor Brendan O'Neill, who has made extensive studies of New England and Williamsburg period houses. Master carpenter Raymond (Sonny) Wolfe, Jr., saw to it that every detail was crafted as intended in the drawings. Moldings were milled from clear white pine by Barrons Lumber, who also furnished the western red cedar clapboard siding. The true divided lite windows were fabricated by Kolbe & Kolbe. McCormick Paint Co. furnished the range of historical paint colors used throughout. The Glen-Gery bricks for foundation and paving were laid by masons of A. E. Paoletti Co. Interior casework, fireplace mantels, and wall paneling were fabricated by The Fireplace Mantel Shop. All wood flooring throughout the house is resawn southern yellow pine from Vintage Lumber Co. ♦ — CL



The five-bay central block of the house is centered on a pedimented Doric doorway surmounted by a Palladian window that proclaims the main entrance. The three-car garage was designed as a separate carriage house structure with a projecting eave supported on five stout columns.

A composition of porches, overhanging roofs of differing materials, walkways with a variety of pavings and level changes add character to the connection between the kitchen wing and carriage house.



The kitchen wing (inset left) is located in a hyphen flanked by a secondary porch. Varied windows in the "additions" add to the richness of architectural detail throughout.

FREE PRODUCT LITERATURE

These suppliers will send free literature about historical products to TRADITIONAL BUILDING's professional readers. Write in the appropriate number on the enclosed postcard—or use the form below.

■ Division 2 — SITEWORK

345. Gazebos, Fencing, Bridges — Lovely ornamental wooden bridges add an elegant accent to romantic landscapes. Gazebos and other outbuildings also available in kit form. Free brochure. **Bow House**

705. Dutch Fences & Gates — Fences & gates imported from Holland topped by scrollwork alternating with spears. Free brochure. **Dutch Products & Supply Co.**

682. Wood Fences & Gates — Large selection of cedar fencing, Victorian picket, custom wood, boards, pickets, and backrails. Also cedar & spruce stockade, pressure-treated & cedar posts, locust split rail, etc. Free brochure. **Eastern Wholesale**

685. Custom Metalwork — Designs & fabrications in iron, steel, brass, bronze, and aluminum; from hand-made hardware to structural steel, including custom spiral, and elliptical stairs. Free brochure. **Goldenrod Ironworks**

559. Old-Fashioned Fences — Authentic Colonial and Victorian wood fence pickets, posts, and gates. Custom designs available. Free brochure. **Heritage Fence Co.**

121. Custom Casting — Foundry custom-casts architectural ornament in iron, aluminum, and bronze. Works from your specs, or can draw on extensive archive of historic ornament to make design suggestions. Free brochure. **Historical Arts & Casting**

686. Historical Fencing — Handcrafted ironwork: Fencing, gates, and garden accessories custom fabricated to any design. Consulting services available. Free brochure. **Historical Fence & Ironworks**

689. Custom Gates — Artisan specializes in custom fabrications in iron, brass, and other metals. Among specialties are large estate gates. Free Brochure. **Land Marks, Inc.**

691. Fence Pickets & Gates — Galvanized steel with baked-on polyester finish guaranteed 15 years. Choose swing or slide gates. Their piers can be used in place of stone or brick columns. Free brochure. **Monumental Iron Works**

264. Ornamental Metalwork — Custom and stock metalwork includes fences, gates, railings, grates, pergolas, planters, benches, brackets, and roof finials. Free brochure. **New England Tool Co.**

499. Salvage Fencing — Enormous selection of architectural artifacts, including large selection of antique fencing, housed in 360,000-sq.-ft. Chicago warehouse. Free information. **Salvage One**

47. Cast-Iron Staircases — The Kensington revives tradition of using cast iron for straight porch steps. Modular components; bolt-together assembly. Also circular stairs. Complete catalog. **Step toe & Wife**

267. Ornamental Iron Fencing — Ornamental iron fences and gates are custom made. Company can match old fences using authentic Victorian patterns

and castings. Complete catalog. **Stewart Manufacturing**

572. Victorian Fence Pickets — Rare, historically documented picket fence pattern is manufactured in your choice of wood. Free brochure. **Texas Standard Picket Co.**

698. Custom Iron Gates & Rails — Makers of fine hot-forged custom iron gates and rails. Portfolio \$4. Free brochure. **White Oak Forge, Ltd.**

■ Division 4 — MASONRY

244. Chimney Flue Liner — Poured-in-place, two-liner system; no-mess one-day process. First liner strengthens and insulates; second liner seals & protects. UL listed. Nationwide dealer network; free brochure. **Ahren's Chimney Technique**

396. Antique Clinker Brick — Authentic, decades-old, unused clinker brick recovered from an abandoned brickyard. A unique building material available in limited quantities. Free brochure. **The Brickyard**

512. Top-Sealing Fireplace Damper — Damper installs on top of chimney; saves energy, stops drafts, and keeps rain out... eliminating chimney dampness. Easy to install and operate. Free brochure. **Lymance International**

164. Chimney Liner — System seals, relines, and rebuilds chimneys from inside out with poured refractory materials. Especially effective for chimneys with bends and offsets. Free brochure. **National Supafu Systems**

■ Division 5 — METALS

582. Cupolas & Weathervanes — Aluminum cupolas, domes, weathervanes, cornices, ornamental load-bearing columns, and balustrades in exact detail for historic buildings. Rotproof. Baked-on finishes available. Free flyer. **Campbellsville Industries**

659. Handcrafted Weathervanes — American handcrafted weathervanes; new and custom designs. Lectures, appraisals, and displays available. Free brochure. **Salt & Chestnut Weathervanes**

■ Division 6 — WOOD & PLASTICS

130. Wood Restoration — 2-part epoxy system restores rotted wood; saves historically significant and hard-to-duplicate pieces. Repairs can be sawn, drilled, sanded, and painted. Free brochure. **Abatron**

677. Custom Turnings & Handrail — Specialist in handrails, finials, balusters, newel posts, specialty turnings. Any design; full line of handrail parts. Free brochure. **Advanced Design Woodturnings**

678. Embossed Moldings — Prime source for embossed moldings, stock and custom. Detailed cornices, chair rails, baseboards crafted in fine hardwoods like walnut, oak, cherry, and mahogany. Free brochure. **American Custom Millwork**

410. Wood Moldings — 150 standard patterns;

knives ground on the premises for custom moldings. Long and short runs. All hardwoods. Free brochure. **Amherst Woodworking**

595. Architectural Millwork — Millwork includes custom and restoration moldings, pictureframe moldings, flooring, paneling, and hardwood lumber. Free brochure. **Anderson-McQuaid Co.**

385. Colonial Millwork — Specialist in 18th- and 19th-century millwork: open & closed pediment doorways, Palladian windows, mortise-and-tenon sashes, fanlights, paneled fireplace walls, featheredge wainscot, much more. Free flyer. **Architectural Components**

530. Paneling & Carved Mantels — 22 hand-carved stock English and French mantel styles. Custom paneling in classical styles. Free brochure. **Architectural Paneling**

411. Custom Shutters — Exterior or interior shutters; paneled or louvered. Using original 19th-century machinery they can duplicate any shutter. Antique shutter hardware. Free information. **Beech River Mill Co.**

578. Wood Moldings — Catalog contains illustrations of over 150 decorative wood moldings and ornaments for every architectural and furniture need. Write for free copy. **Bendix Mouldings**

475. Turned Stair Parts — Custom turning of balusters, newels, finials, posts, etc. Can work from drawings or sample. No minimum. Free brochure. **Boston Turning Works**

680. Hardwood Moldings — Fine domestic and imported hardwoods and moldings: Straight, curved, and composite. Millwork including entranceways, doors and windows, paneling, mantels, pilasters etc. Free brochure. **Center Lumber Co.**

18. Classic Columns — For porches and pure decoration: Doric, Ionic, and Corinthian columns sculpted from Ponderosa pine with exquisite craftsmanship. Many sizes and shapes; custom work available. Complete catalog. **Chadsworth, Inc.**

319. Heart Pine Paneling & Flooring — Major source of antique heart pine, reclaimed from both pre-1930 structures and virgin "sinker" logs. Custom millwork as well as flooring & paneling. Free brochure. **Coastal Millworks**

115. Antique Lumber — Over 50,000 sq. ft. of antique barnwood in stock: gray, silver-gray, brown, red. Pine and hemlock in random lengths and widths. Also hand-hewn beams, plank flooring, and stones for walls and flags. Free brochure. **Conklin's Authentic Barnwood**

175. Epoxy Conservation Materials — Consolidants, fillers, and adhesives specially formulated for structural repairs in historic structures. Consultation services. Free brochure. **Conservation Services**

432. Extra-Wide Boards — Pine boards for flooring or paneling in widths from 12" to 24"; kiln dried. Wide oak flooring from 4" to 9". Custom moldings & millwork; dual wainscotting. Free brochure. **Craftsman Lumber**

23. Non-Rotting Lattice — Keeping porch lattice painted is a real chore. Instead, use PVC lattice. It looks like wood (no fake wood grain!), comes in 11 colors, and can be cut, nailed, and installed like wood. Free color brochure. **Cross Industries**

131. Victorian Millwork — 19th-century designs in solid oak and poplar: fretwork, brackets, corbels, grilles, turnings, and gingerbread — precision-manufactured so product groups fit together. Free color catalog. **Cumberland Woodcraft**

493. Custom Millwork — Moldings, random-width T&G flooring, paneling. Native & exotic woods, both kiln-dried and air-dried. Free information. **DHM Cabinetmakers**

533. Handcrafted Pine Mantels — Reproduction Early American, English, and French mantels handcrafted in white pine. Stock and custom sizes. Any wood available on custom orders. Free brochure. **Draper & Draper, Ltd.**

668. Replacement Sash — Any size or layout: circle, oval, round-top, Gothic. Sash or complete window unit. Custom moldings, doors, raised-panel shutters, millwork to specs. Complete catalog. **Drums Sash & Door**

555. Professional Hand Tools — Highest-quality hand tools for construction and renovation; represents all leading manufacturers. Sets available. Send for catalog. **Durable Goods**

683. Interior & Exterior Woodwork — Victorian gingerbread and country trim, including both interior and exterior products. Custom design and manufacturing available. Free brochure. **Empire Woodworks**

704. Victorian Gingerbread — Porch trim, gable ornament, finials, and other authentic Victorian millwork adapted from 19th-century patterns. Free catalog. **Fancy Front Brassiere Co.**

684. Curved Moldings — Specialist in round-top windows and doors. Solid wood sections, straight moldings custom cut. Short lead time; shipped via UPS. Free brochure. **Forest Wood Products**

253. Heart Pine Paneling & Flooring — Virgin growth antique southern longleaf pine logs are milled into flooring, paneling, and millwork. Free brochure. **Goodwin Lumber Co.**

323. Wood Paneling & Flooring — In addition to hand-hewn timbers for exposed-beam construction, this lumber supplier sells a wide variety of hardwood paneling & flooring. Free brochure. **Harmony Exchange**

Restoration Moldings — Extensive array of moldings: softwood, hardwood, embossed, staircase parts, chair rails, cornices, bandsawn and carved corbels. Also polymer medallions and cornices. Call (818) 781-5300. **House Of Moulding**

356. Spiral Stairs — Manufactures space-saving custom-built spiral stairs in both wood and metal. Also: economically priced oak spiral stair kit designed for easy assembly. Free brochure. **The Iron Shop**

687. Custom Millwork — Design & fabrication of custom paneling, millwork, windows, shutters doors, including flooring, molding, trims, stairparts, and cabinets. Free brochure. **Jelliff & Sons**

702. Antique Heart Pine — Complete in-house handbuilding shop specializes in heart-pine products, including flooring, molding, trims, stairparts, and cabinets. **The Joinery**

536. Custom Wood Mantels — Custom millwork and cabinet shop with emphasis on mantels, staircases, cabinetry, doors & windows, and casework. Free brochure. **Kreider Brothers**

35. Victorian Woodwork — 19th-century millwork in redwood and select hardwoods. Ornamental shingles, turnings, ornamental trim, moldings, screen doors, brackets, balusters, railings, and more. Catalog. **Mad River Woodworks**

Architectural Wood Trim — Handcrafted interior and exterior 18th-century architectural trim: Colonial doors and windows, shutters, wainscot, carved details, pediments, etc. Custom work a specialty. Call (203) 633-2383. **Maurer & Shepherd Joiners**

690. Antique Heart Pine Flooring — Remanufactured, kiln-dried old growth Southern long-leaf yellow pine flooring & paneling. Narrow and wide long lengths available. Free brochure. **Mayse Woodworking**

692. Custom Millwork — Short or long runs of custom moldings, rosettes, and other millwork. Mill can match any pattern. Shipping nationwide. Free flyer. **Moorwood**

482. Custom Turnings — Custom balusters, newels, finials, porch spindles. Large or small orders. Can work from your drawings, photo, or sample. Free brochure. **National Decks**

326. Antique Paneling & Flooring — Antique wide-board flooring for 18th-century restorations and colonial reproductions. All wood is planed, ready to install. Free brochure. **Northfield Restorations**

706. Architectural Millwork — In addition to traditional straight-run moldings, company offers a wide variety of elegant classically carved moldings. Free catalog. **Ornamental Mouldings**

694. CAD Molding Library Software — Largest library of molding profiles (over 1,300) available as CAD software. Also available in book form. Free brochure. **P.C. Work**

707. Wood Columns — Millwork based on designs from 1870 to clear heart redwood, oak, & mahogany: Balusters, newel posts, porch columns, railings, & custom turning. Catalog free to professionals. **Pagliaccio Turning & Milling**

496. Custom Turnings — Balusters, newels, fluting, spiral rope twists, finials, column bases, etc. Any wood, any design. No minimum order. Free brochure. **Partelow Wood Turnings**

671. Preservation Books & Instruments — Books, instruments and related products for preservation and restoration of architecture and objects. Consulting and training services. Free brochure. **PRG, Inc.**

695. Custom Moldings — Can match wood sample or drawing using the latest computer-controlled equipment. Premium-grade manufacturing standards. Free brochure. **R.I. Millwork**

577. Wood Carvings — Architectural accoutrements, including mantels, sculpted in solid woods. Your designs executed... or select from large array of elegant stock carved elements. Free brochure. **Raymond E. Enkeboll**

217. Wood Mantels — Elegant carved wood mantels ready to install. Available in 40 styles, from Louis XV to Williamsburg Colonial. Openings are 50 in. x 37-1/2 in.; special sizes on request. Catalog & measuring instructions. **Readybuilt Products**

161. Traditional Wood Columns — Wood columns from 4" to 50" dia. up to 35 ft. long. Matching pilasters and 14 styles of capitals. Maintenance-free aluminum bases are available for exterior columns. Custom work done. Free catalog. **Schwerd Mfg.**

44. Exterior Shutters — White pine plantation shutters with moveable louvers. Also fixed louvers and 3 styles of raised-panel shutters. Unfinished or painted in your color choice using your paint spec. Hundreds of sizes. Brochure & price list. **Shuttercraft**

708. Victorian Millwork — Original designs and fine craftsmanship at lower prices: Gable & eave trim, brackets, canopies, balusters, screen doors, roof finials, shelves, spandrels, and decorative accessories. Custom work. Free catalog. **Silver Creek Mill**

45. Victorian Millwork — One of the largest inventories of precision-milled Victorian moldings and millwork, available in both premium and commercial grades. No minimum order; rush orders handled. Full-color catalog. **Silverton Victorian Millworks**

709. Plank Flooring — Specializes in long lengths of select grade hardwood plank flooring. Stock flooring and custom milling. 12 hardwoods available. Free brochure. **Specialty Wood Co.**

541. Custom Paneling & Mantels — Colonial, Victorian, Classical, & Traditional mantels crafted from kiln-dried poplar, oak, cherry, walnut, and other fine woods. Free Brochure. **Sunshine Architectural Woodworks**

697. Custom Woodwork — Capabilities include custom doors & windows, custom cabinets & furniture, architectural paneling, exterior woodwork, casework, etc. Free brochure. **Torrington Millwork Co.**

123. Cedar Shutters — Shutters are crafted from clear old growth western red cedar. Joints are mortise-and-tenon with teak locking pins. Panels and

RIP ON DOTTED LINE

■ FREE PRODUCT INFORMATION

Use this form to get catalogs of historical products in this issue. (Literature is free to qualified professionals.) We'll forward your request to the respective manufacturers. **Allow 4-6 weeks for literature to arrive.**

THIS FORM EXPIRES JUNE 15, 1991

NAME _____

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE (_____) _____

For free product information, FILL IN the appropriate numbers:

1 Your Business: Architect Contractor Interior Designer
 Engineer/Consultant Government Other (specify):

2 Is your need: Immediate Project? For Your Files?

PLEASE ENTER A 1-YEAR SUBSCRIPTION, AND BILL ME \$18.

Mail to: TRADITIONAL BUILDING, Product Literature Department
 69A Seventh Ave., Brooklyn, NY 11217 (718) 636-0788 Fax: (718) 636-0750

louvers are of generous dimensions. 5 traditional styles in standard and custom sizes. **Vixen Hill Shutters**

488. Panel Moldings — Large inventory of embossed hardwood moldings for paneling and other interior woodwork trim. Exclusive designs; low prices. Free brochure. **White River Hardwood**

712. Victorian Millwork — Screen doors, porch parts, custom woodwork, moldings, ornamental trim and gingerbread of all types fabricated from original period patterns. Free catalog. **Wood Factory**

699. Custom Millwork — Moldings, rosettes, casework, paneling, and other millwork created to your samples or drawings. Free flyer. **Woodchute Woodworks**

700. Fire-Rated Wood Frames — 20-min. fire-labeled wood door frame systems and millwork. Custom or standard profiles. Fast lead times; competitive pricing. Free brochure. **WoodTech, Inc.**

163. Wood Columns — Ponderosa pine columns in many styles; columns for exterior use are preservative-treated. Standard sizes up to 12-in. dia.; custom work to 30-in. dia. Free catalog. **Worthington Group**

701. Embossed Hardwood Moldings — Hardwood moldings in classic styles. Embossing wheels and molding patterns duplicated. Crown, cornice, chair rail, cove, cap. Free brochure. **Yuenger Wood Moldings**

Division 7 — MOISTURE PROTECTION

679. Roofing Slate & Copper Work — Specialists in roofing slate and copper work for historic preservation. They take on limited number of jobs to insure quality work. Free brochure. **Bellvale Roofing Slate**

674. Custom Cedar Shingles — Exact replication of any width or shape with no set-up charges. Shakes handmade in the old way, any length. Over 57 patterns and varieties. Free flyer. **The Cedar Guild**

675. Cedar Shakes & Shingles — Red cedar shakes and shingles make an economical, long-lasting roof on everything from historic restorations to contemporary beach houses. Free brochure. **Cedar Shake & Shingle Bureau**

676. Cedar Shingles — Shingles of western red cedar, hand-cut in any of 12 shapes: round, fish scale, hexagon, octagon, half cove, full cove, arrow, diagonal, sawtooth, and square. Free brochure. **Cedar Valley Shingle Systems**

377. Substitute Slate Shingles — Fiber/Cement shingles without asbestos simulate look of slate without the high cost and heavy weight. Many colors and patterns. Free brochure. **FibreCem Corp.**

417. Quartersawn Clapboards — Spruce and pine clapboards, radially sawn on original 19th-century equipment, provides more dimensional stability and better paint adhesion than conventional clapboards. Free brochure. **Granville Manufacturing**

653. Wood Roofing & Siding — Roofing, siding, decks, and trim from Western Red Cedar, Douglas Fir, Redwood, Cypress, and Mahogany. Roofing for historic projects a specialty. Custom orders welcome. Free brochure. **Liberty Cedar**

567. Northern White Oak Shingles — Sawn shingles in stock and custom sizes. True handsplit & trimmed shingles for historic applications. Very long-lasting material. Free brochure. **Shamokin Trail Shingle Co.**

437. Quartersawn Clapboard — Authentically produced radially sawn, square-edge Colonial clapboards. Custom sawing in any size, width, and tree species for your restoration. Free flyer. **Sky Lodge Farm**

423. Fancy-Cut Shingles — Manufactures a wide variety of fancy-but shingles for Queen Anne and other decorative siding. Custom work. Free brochure. **South Coast Shingle Co.**

696. Salvaged Roof Tile — A computerized listing and selling service that provides all brands and shapes of the world's finest previously used clay roof tiles. Quantities for small repairs or large projects. Free brochure. **TileSearch**

Division 8 — DOORS & WINDOWS

69. Invisible Storm Windows — Match any window shape or color; removable storm windows available inside- or outside-mounted, screen and glass panels. Fixed, magnetic, sliding, or lift-out styles. Free brochure. **Allied Windows**

293. Authentic Restoration Hardware — The nation's largest selection of authentic 18th- and 19th-century hardware: Hinges, latches, pulls, shutter hardware, much more. Also: Custom work and repairs. Free mini-catalog. **Ball & Ball**

586. Hard-To-Find Hardware — Turn-of-the-century bathroom fixtures and accessories. Classic brass hardware and hard-to-find parts. Free brochure. **Bathroom Machineries**

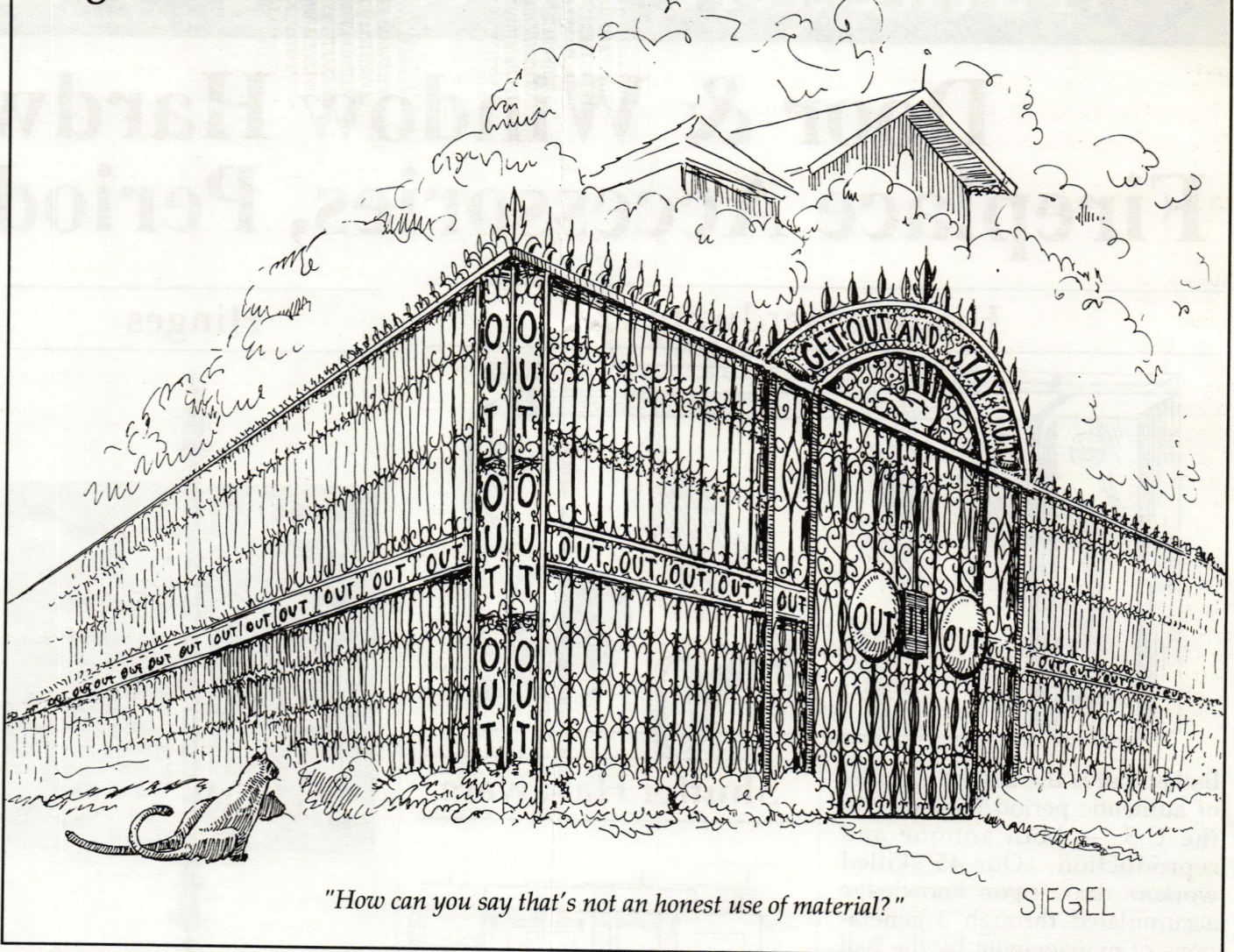
593. Solid-Bronze Hardware — Outstanding collection of highest-quality late-Victorian hardware cast by the lost-wax process. Doorknobs, keyholes, escutcheons, hinges, and sash lifts. Also custom work. Free info. **Cirecast, Inc.**

703. Hand-Carved Doors — Solid hardwood doors with deep hand carving in 28 styles. Exterior and interior; mahogany, rosewood, teak, and red oak. Custom work available. Free brochure. **Elegant Entries**

389. Carved Entryways — Elegant hardwood doors and entryways are based on originals from Georgian, Federal, and Victorian periods. Free brochure. **Kenmore Industries**

146. Replacement Wood Sash — Wood sash in any size and shape: Divided lite, round top, curved, double-hung, fixed, casement, or storm sash. Insu-

siegel's scratchboard



"How can you say that's not an honest use of material?"

lated glass. Also: shutters, screen doors, and trim. Free brochure. **Midwest Wood Products**

591. Colonial Hardware — Colonial hardware, including latches, hinges, drawer pulls, racks, and hooks; interior and exterior. Black pyramid head screws, flat-head wood screws, fireplace cranes. Free brochure. **Old Smithy Shop**

719. Custom Wood Windows — Provides highest quality woodwork — from narrow muntin divided lite windows of insulating glass to restored paneling, casework, and furniture. Handles major jobs. Free brochure. **Ricketson Woodwork**

720. Historic Wood Windows — Millwork shop supplies clear white pine custom landmark windows. Also: Doors, stair treads, risers & moldings, etc. Free literature. **Schlemowitz, Inc.**

Specialty Wood Windows — Palladians, straight, and fan transoms. Can be single-, double-, or triple-glazed. Also: solid wood entry doors with insulating core. For prices, call: (802) 722-3544. **Woodstone Co.**

Division 9 — FINISHES

376. Plaster Ceiling Panels — Plaster ceiling panels provide elegant look of a coffered ceiling at fraction of the cost. 2-ft.-sq. panels weigh about 8 lb. and are fire-rated. Free brochure. **Above View, Inc.**

613. Molded Architectural Ornament — Manufacturer and contractor for cast decorative elements for exterior and interior. Can be cast in wide variety of materials. Free brochure. **Architectural Reproductions**

118. Plaster Ornament — Niches, crown moldings, fireplace surrounds, ceiling medallions, corbels, archways, columns, oak beams, and domes — cast from English originals in plaster and fiberglass. Free full-color catalog. **Aristocast Originals**

13. Victorian Roomset Wallpapers — Victorian wallpaper collection can be combined in infinite variations. Color catalog shows 7 roomsets including: Neo-Grec; Anglo-Japanese; Morris; Aesthetic Movement. One chapter sent free. **Bradbury & Bradbury**

413. Architectural Ornament — Complete service from design and pattern making to molded finished product. Create or re-create ornament in concrete, plaster, terra cotta, or fiberglass-reinforced concrete. Free brochure. **Cameron Noriega**

648. Chestnut Flooring — Genuine and remilled antique oak & pine planks. Antique floors installed. Hand-hewn beams, barn siding; Custom milling from antique barn lumber. Free brochure. **Chestnut Specialties**

681. Molded Ornament — Custom-quality molded polymer ornaments are easy to install and can be produced to comply with today's building and fire codes. On-site replication capability. Free brochure. **Classic Carvings**

449. Faux Finishing Workshops — Marbleizing, graining, glazing, and other specialty paint finishes taught to professionals in hands-on workshops. Free brochure. **Fe Fi Faux**

196. Plaster Ornament — Hundreds of ornaments in fiber-reinforced plaster from turn-of-the-century molds. Also: custom duplication of existing ornament from your sample. Free flyer. **Fischer & Jirouch Co.**

550. Antique Dutch Tiles — 17th- and 18th-century antique Dutch Delft tiles in blue, manganese, tortoise

shell, white, and polychrome. Also antique firebacks. Free brochure. **Antique Delft Tiles**

Authentic 19th Century Carpet — Real Victorian carpet is woven on 19th-century machinery, using original designs. Hundreds of authentic patterns available. For details and pricing, call: (617) 451-1982. **J.R. Burrows & Co.**

636. Molding Materials — Polyurethane & silicone rubbers are fast and durable for making duplicate molds. Poly RTV rubbers make molds for plaster, cements, and resins. Free literature. **Polytek Development Corp.**

661. Heart Pine Flooring — Antique timbers have been reclaimed and carefully remilled to create highest-quality heart pine flooring. Kiln dried. Free brochure. **Tiresias**

52. Sheet Metal Ceilings & Ornament — Richly ornamented metal ceilings, from original turn-of-the-century dies. Also: Exterior cornices and hundreds of sheet metal ornaments. Free catalog. **W. F. Norman**

Division 10 — SPECIALTIES

553. Rumford Fireplaces — Supplier of components to build the most heat-efficient wood-burning fireplace ever designed: The Rumford fireplace. Free brochure. **Buckley Rumford Fireplace Co.**

716. Cupolas — Skilled craftsmen create historically authentic, beautifully designed cupolas. Close attention to detail. Free literature. **Country Cupolas**

176. Cast Iron Firebacks — Firebacks are hand-cast from original designs dating back to Colonial period. Pieces are not only decorative, but also prevent deterioration of firebox masonry. Prices range from \$75 to \$400. Free brochure. **Country Iron Foundry**

37. Pigeon Control — Get rid of pigeons and other birds with inconspicuous stainless steel needles that eliminate roosting places — without harming your building. Humane and practical. Free brochure. **Nixalite**

565. Cast-Iron Firebacks — 21 styles of firebacks, all of original design. Some styles will fit zero-clearance units and fireplace inserts. Free brochure. **Pennsylvania Firebacks**

46. Historic Markers — Historic markers in sand-cast bronze or aluminum. Also: Anodized aluminum markers with image permanently embedded in bronze or pewter finish. No charge for photos. Custom work. Free catalog. **Smith-Cornell**

523. Fireplace Doors — Filigree-trimmed glass fireplace doors: Cabinet and folding styles for flat and arched-top models. Mesh curtain screens; custom shapes & sizes. Free brochure. **Thermo-Rite Mfg.**

Division 15 — MECHANICAL

672. Solid Brass Hardware — 24 different cast brass grille sizes. Heavy solid brass polished & lacquered faucets, faucet handles, and sinks. Also large selection of solid brass antique cabinet locks. Free brochure. **American Home Supply**

673. Period Hardware & Plumbing — Source for all old-building hardware needs: Clawfoot tubs, pedestal sinks, faucets, cabinet hardware, weather-vanes, lighting, brass bar rails, and much more. Free brochure. **The Antique Hardware Store**

270. Moisture Vents — Small, screened metal

louvers, 1" to 6" dia., release moisture trapped in walls, cornices, soffits, etc. Just drill holes and press in place. Free literature. **Midget Louver**

606. Radiator Enclosures — Sells and ships all-steel radiator enclosures. Stock as well as custom are offered in many colors and styles. Free brochure. **Monarch**

581. Brass & Iron Registers — Beautiful solid brass and cast-iron registers are made from 19th and early 20th century originals. Free catalog. **Reggio Register**

574. Wooden Air Vents — Strong, durable wood vent covers are made from over 40 select woods in 57 standard sizes and 6 styles. Free brochure. **Triarco, Inc.**

53. Edwardian Faucets — Exclusive importers of authentic English Edwardian and Italian transitional style kitchen and bathroom faucets, fittings, wash-basin sets, bath/shower and bidet sets in chrome, brass, gold, and enamel finishes. Catalog. **Watercolors**

Division 16 — ELECTRICAL

6. Reproduction Lighting — Handcrafted 18th- and 19th-century lighting fixtures: chandeliers, sconces, and table lamps — all of solid brass. Free catalog. **Authentic Designs**

604. Reproduction Lighting — Colonial reproduction light fixtures in copper, brass, tin, and iron. Post lanterns, wall lanterns, chandeliers, and candlestands. Custom work available. Free brochure. **Lighting by Hammerworks**

497. Stained Glass Lamps — Specializes in museum-quality American-made reproduction Tiffany lamps and bronzes. Reproduction & period window commissions; repair & restoration. Free brochure. **Porcelli Studio**

43. Vintage Lighting — Victorian and turn-of-the-century chandeliers and sconces: Gas, oil, and electric. Antique and reproduction fixtures; replacement parts and glass shades. Free catalog. **Roy Electric**

660. Period Lighting — Cast-aluminum antique period outdoor lighting and related accessories for: Parks, streets, driveways, pools, entrances, gardens, decks, patios. Free brochure. **Sunfeather Reproductions**

299. New Old Lighting — A new line of reproduction lighting fixtures includes wall-mounted torchieres, ceiling fixtures, and sconces from the turn-of-the-century. Free brochure. **Urban Archaeology**

373. Victorian Lighting Fixtures — Authentic reproduction Victorian & turn-of-the-century electric and gas chandeliers and wall brackets. Variety of glass shades. Catalog free. **Victorian Lighting Works**

611. Antique Lighting — Wholesalers of antique lighting, glass, and brass parts. Free brochure. **Yankee Barn**

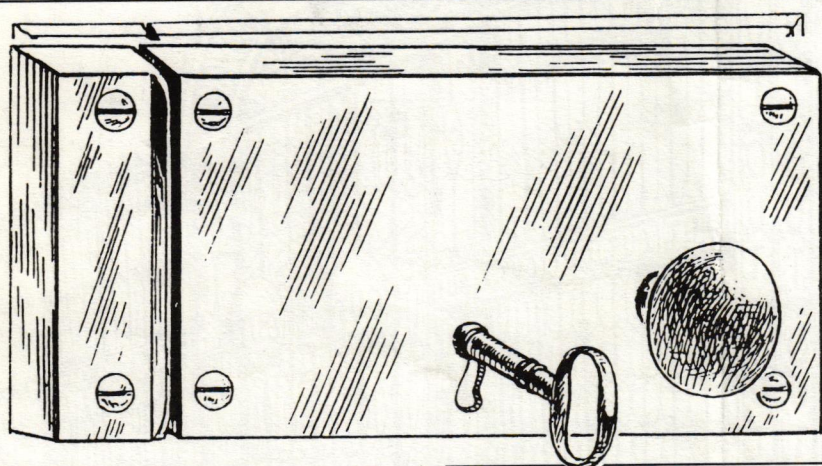
Division 17 — BOOKS

688. Traditional Details — Republication of the plates from early editions of *Architectural Graphic Standards* provides today's restoration architects with a wealth of design details. **John Wiley & Sons**

Authentic Historical Hardware

Door & Window Hardware, Fireplace Accessories, Period Lighting

Historic Hardware



Ball & Ball is the largest supplier of authentic period hardware in the U.S. — both antique and reproduction. Our 45 skilled workers draw upon knowledge accumulated through 3 generations of management by the Ball family. And our study collection of antique hardware provides Ball & Ball with more in-depth knowledge of historic hardware than any other supplier.

For example, our X90 box locks (shown) combine modern convenience with charm. Faithful to the historic originals, this lock has a brass box covering an iron plate on which the operating mechanism is mounted. Because of our attention to historical detail, these locks may be used in the most important restorations as well as in the well-appointed home.

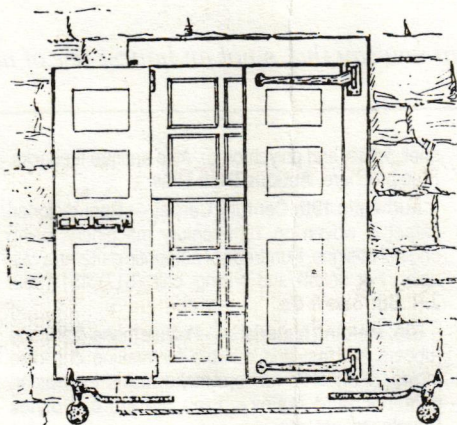
Many other types of authentic historic box locks are shown in our 108-page catalog — along with a wealth of other hardware for architectural and furniture applications.

Lighting Fixtures



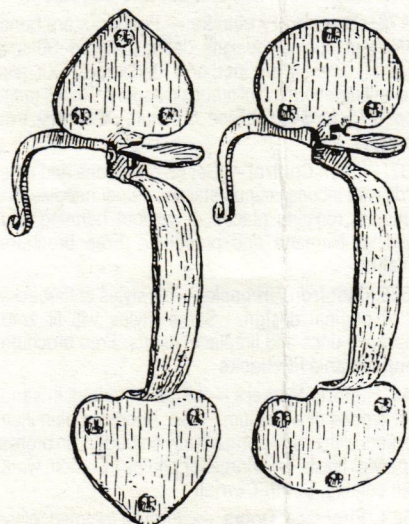
Ball & Ball offers the finest selection of reproduction Early American lighting fixtures. All brass is solid — not plated — and glass used is hand-blown lead crystal. Pure copper, tin and iron are used for fixtures that require these metals. Shown: The Independence Hall chandelier, identical to fixtures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

Shutter Hardware



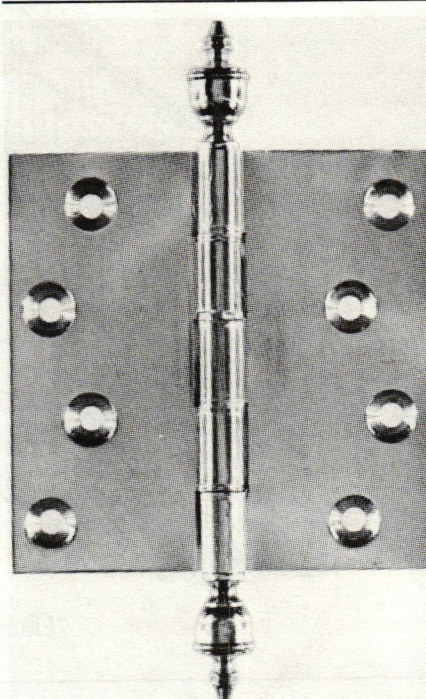
Strap hinges, locks, and shutter hold-backs are available as stock or special-order items. HAND-FORGED shutter hinges with lag screw or drive pintles available on special order. Also: Inside shutter hardware in brass and cast iron.

Latches



We have a varied stock of authentic reproduction thumb latches, ranging from Colonial times up to 1850. Many special thumb latch shapes can also be made at the STOCK PRICE. Left: 10-1/2" hand-forged spade-end latch. Right: 9-3/4" semi-hand made bean-end latch.

Hinges



We carry a wide selection of iron and brass hinges from the Early American and Victorian periods. Shown: the H1877 4x4 brass steeple-tip door hinge with bronze load-bearing bushings, typical of the style used in the late 1880's.

Used In The Finest Restorations

Ball & Ball hardware has been specified for the finest restorations in North America including: Independence Hall, Philadelphia; The Shirley Eustis House, Boston; Iolani Palace, Hawaii; New York State Capitol, Albany; Klondike Gold Rush Park, Alaska; The Old Synagogue, Barbados.

Window Hardware



Sash and casement window fittings are available for the Early American and Victorian periods: Hand-forged and cast; iron, brass, and bronze. Above: V150-226 Victorian cast-iron sash lock with porcelain knob. Below: V160-290 brass flush-mounting sash lift.



Catalogs In 2 Sizes

Our MINI-CATALOG provides an introduction to the range of products and services furnished by Ball & Ball and is available FREE. (You can write in no. 293 on the Reader Service Form.) Or for \$5 we'll send you — via U.P.S. — our handsome, lavishly illustrated 108-page product catalog. Our catalog incorporates useful information about antique hardware that will help you appreciate the subtle differences in the manufacture of reproductions. But even the 108-page catalog doesn't show all 2,000 of our hardware products. If you're looking for something rare or unusual, call or FAX us.

BALL and BALL

Authentic Historical Hardware

463 West Lincoln Highway
Exton, PA 19341

(215) 363-7330

FAX only (215) 363-7639

Write in No. 293