

Clem Labine's TRADITIONAL BUILDING

The Professional's Source For Historical Products

S E P T E M B E R / O C T O B E R 1 9 9 1 V O L . 4 / N O . 5 \$ 3 . 0 0

INSIDE THIS ISSUE:

Wood Turnings	10
Wood Restoration	16
Storm Windows	26
Wood Flooring	34

Here Come The Classicists!

■ PAGES 4 & 5 ■

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 Construction Specifications Institute (CSI).

SPECIAL FEATURES

A Classical Revival.....	4
Profile: Alvin Holm.....	5
Wood Turnings.....	10
Wood Restoration.....	16
Storm Windows.....	26
Wood Flooring.....	34
A Corinthian Townhouse.....	48
Product Literature.....	50
Siegel's Scratchboard.....	51

Division 2 SITEWORK



RELATED PRODUCT ADVERTISING

New England Garden Ornaments.....	6
Vixen Hill Gazebos.....	6

Division 4 MASONRY



RELATED PRODUCT ADVERTISING

Ahren's Chimney Technique.....	6
Brickyard.....	6
Lyemance International.....	6
Protech Systems.....	6

Division 5 METALS



RELATED PRODUCT ADVERTISING

Adornments for Architecture.....	7
----------------------------------	---

Division 5, continued

Campbellsville Industries.....	7
Copper House.....	7
Denninger Products.....	7
Dutch Products and Supply Co.....	7
Historical Arts & Casting.....	7
Iron Shop.....	7
Pennsylvania Firebacks.....	7
Steptoe & Wife.....	7
White Oak Forge.....	7

Division 6 WOOD & PLASTICS



SPECIAL REPORT: WOOD TURNINGS

IN THE NEWS

Wood Turnings Review.....	10
Wood Turnings SourceList.....	12, 14
Wood Turnings Portfolio.....	14

SPECIAL REPORT: WOOD RESTORATION

IN THE NEWS

Epoxy Wood Restoration.....	16
Wood Restoration SourceList.....	18, 20, 22
Wood Restoration Portfolio.....	21

RELATED PRODUCT ADVERTISING

Abaroot Manufacturing.....	10
Abatron.....	17
Advanced Design Woodturnings.....	13
Allstrip, Inc.....	17
Anglo Inscap.....	17
Architectural Lathe & Millwork.....	15
Architectural Refinishing.....	19
Bare Wood.....	15
Carpenter and Smith Restorations.....	22
Chadsworth, Inc.....	9
Conservation Services.....	23
Cross Industries.....	8
Cumberland Woodcraft.....	13
Custom Woodturning.....	13
Davenport Mill.....	19
Draper & Draper, Ltd.....	8
Dugwood Turners.....	10
Dumond Chemicals/Peel Away.....	23
Durable Goods.....	8
Edon Corp.....	9
Empire Woodworks.....	15
Epoxy Technology.....	19
Fagan Designs.....	15
Gest Restorations, Inc.....	19
GFRC, Inc.....	9
Glenco.....	15
GlenTec.....	17
Goddard Circular Stairs.....	8
Gougeon Brothers.....	17
Historical Replications.....	9
Huggler-Wyss America.....	15
Kreider Brothers.....	17
Mad River Woodworks.....	13
Mansion Industries.....	13
Maple Grove Restorations.....	15

Division 6, continued

McDan Woodworking.....	15
Millwork Specialties.....	15
Musgrove Design.....	8
National Decks, Inc.....	13
New England Fire Preventer.....	22
Oakwood Woodworks.....	15
On Site Wood Restoration.....	19
Pagliacco Turning & Milling.....	13
Partelow Wood Turnings.....	10
Past Present Future.....	8
PermaLife, Inc.....	8
PRG, Inc.....	23
Raymond Enkeboll Designs.....	11
Reliable Refinishing Products.....	19
Restoric.....	22
Sheppard Woodworks.....	15
Shuttercraft.....	8
Silverton Victorian Millworks.....	9
Specialty Glazing & Supply.....	15
Stahl Restorations.....	19
Stairways, Inc.....	8
Stanley Company.....	23
Warwick Refinishers.....	23
Wilbur, Frederick - Carvings.....	22
Wood Factory.....	13
Worthington Group.....	8

Division 7 MOISTURE PROTECTION



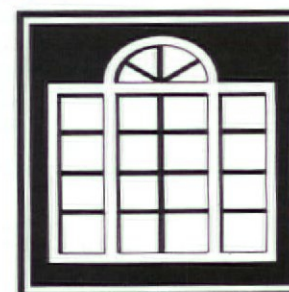
IN THE NEWS

Molded Cornice & Vent.....	24
----------------------------	----

RELATED PRODUCT ADVERTISING

Brit Slate.....	24
FibreCem Corp.....	25
Hilltop Slate, Inc.....	24
Midland Engineering Co.....	25
Richmond Precast Concrete Products Company.....	24
Rogers Roofing Co.....	25
S&H Architectural Supplies.....	24
Sky Lodge Farm.....	24
South Coast Shingle Company.....	25
TileSearch.....	25

Division 8 DOORS & WINDOWS



SPECIAL REPORT: STORM WINDOWS

IN THE NEWS

Historic Storm Windows.....	26
-----------------------------	----

CONTENTS

Division 8, continued

Storm Windows SourceList28
 Storm Windows Portfolio30

RELATED PRODUCT ADVERTISING

Allied Windows27
 Architectural Components27
 Architectural Hardware, Ltd.31
 Ball & Ball Hardware52
 Bathroom Machineries25
 Beech River Mill Co.25
 Bovard Studio Stained Glass27
 Dubuque Sash & Door29
 Floral Glass & Mirror27
 Kenmore Industries25
 Libbey-Owens-Ford29
 Maguire Iron27
 Midwest Architectural Wood Products27
 Panelair29
 Schlemowitz, Inc.25
 Thermo-Press Corp. Of VA29
 Touchstone Woodworks29
 Vixen Hill Shutters31
 Woodstone Co.31

Division 9 FINISHES



SPECIAL REPORT: WOOD FLOORING

IN THE NEWS

Specifying Wood Floors34
 Wood Flooring SourceList36, 38
 Wood Flooring Portfolio40

RELATED PRODUCT ADVERTISING

Aged Woods35
 Albany Woodworks37
 Architectural Sculpture32
 Architectural Timber & Millwork35
 Aristocast Originals33
 Bradbury & Bradbury33
 Brandt, Sylvan39
 Burrows & Co.32
 Cameron Noriega32
 Carlisle Restoration Lumber39
 Center Lumber Co.41
 Chestnut Specialists37
 Classic Carvings33
 Coastal Millworks35
 Craftsman Lumber39
 Creative Sculpture Design & Restoration32
 Decorators Supply Corp.32
 Dura Art Stone41
 DHM Cabinet Makers39
 Fe Fi Faux32
 Fischer & Jirouch Co.32
 Goodwin Heart Pine Co.35
 GrafcO Hardwood Floors39
 Granville Manufacturing Co.37
 Gregory Lumber41
 Hardwood Group37
 Harmony Exchange41
 Klitsas - Fine Wood Sculptor41
 Livermore Wood Floors41
 Mayse Woodworking37
 Morse Lumber and Millwork Co.37
 Mountain Lumber39
 North Fields Restorations37

Division 9, continued

Nostalgia, Inc.33
 Potvin Lumber35
 Quality Woods, Ltd.37
 Richard E. Thibaut, Inc.32
 Sampson & Son39
 Sandy Pond Hardwoods41
 Specialty Wood Co.35
 Vintage Pine Co.37
 W.F. Norman Metal Ceilings33
 Woods Company37

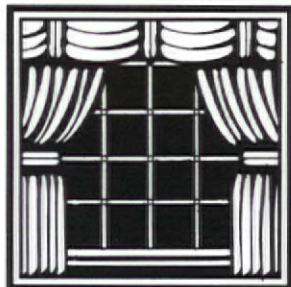
Division 10 SPECIALTIES



RELATED PRODUCT ADVERTISING

Fiberglass Specialties Inc.42
 Landmark Rigging42
 Nixalite42
 Royal Crown42
 Salt & Chestnut Weathervanes42
 Slate & Copper Services42
 Smith-Cornell42

Division 12 FURNISHINGS



RELATED PRODUCT ADVERTISING

Kestrel Manufacturing43

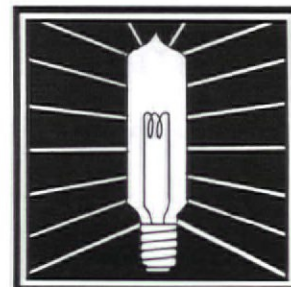
Division 15 MECHANICAL



RELATED PRODUCT ADVERTISING

American Home Supply43
 Barker Metalcraft43
 Besco Plumbing and Heating Co.44
 Hardware Plus44
 Midget Louver Co.44
 Reggio Register43
 Roy Electric Co.44
 Watercolors, Inc.44

Division 16 ELECTRICAL



RELATED PRODUCT ADVERTISING

Art Directions45
 Ball & Ball Custom Lighting52
 Conant Custom Brass45
 Lighting by Hammerworks45
 MacQuarrie & Niccum45
 Newstamp Lighting45
 Spring City Electrical45
 Urban Archaeology45
 Victorian Lighting Works44
 Wilson Heritage45

ON THE COVER:

Alvin Holm, modernist-turned-classicist and this month's profile subject (see page 5), designed this temple for the Carpenters' Company of Philadelphia to honor the Constitution's 1987 Bicentennial. It is based on verbal descriptions of a parade float for the Constitution's original signing (the missing column represents one of the two states which had not yet signed), and in 1989 it led President Bush's inaugural parade. The Architectural Woodwork Institute of Delaware Valley contributed fabrication labor and materials.

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**
 Special Projects **Eileen Dirnfeld**
 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

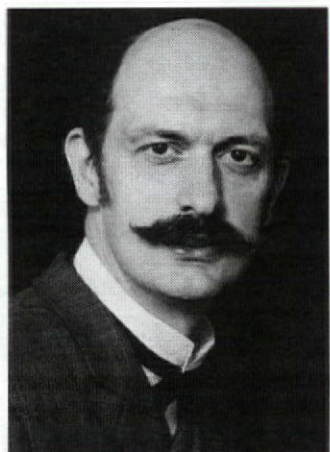
TRADITIONAL BUILDING is indexed
 in CONSTRUCTION INDEX.

perspective

The Classicists Are Coming!

It's premature to declare that a full-blown Classical Revival is under way. But there are dramatic foreshadowings.

■ BY CLEM LABINE



I'm not prepared to assert that the 1990's will see a Classical revival of the magnitude of the 1890's. After all, the great Classical epoch from 1890 to 1930 saw such heroic achievements as the White City at the Chicago Columbian Exposition and the City Beautiful Movement. But I am convinced it would

be a happy event indeed if another such revival were to be ignited in our time.

Right now, a small but growing number of professionals are embracing the values that Classicism — and Classical architecture — hold for America in the 1990's. Despite the assertions of "politically correct" activists who are seeking to minimize Western cultural values, I believe that serious study of Classical principles can only have a beneficial effect on architecture in particular and society in general.

One attractive aspect of Classicism is that it is much more than an architectural style. Classicism is not just columns and capitals (you can have a perfectly correct Classical building without a single column or pilaster). Rather, Classicism is a humane philosophy, of which architecture is merely one element — a vehicle by which Classical ideals can be made visible. For the true believers (and this writer is rapidly becoming at least a camp follower if not yet a total convert) the Classical tradition is a *system of ideas* that have universal application. The Classical concepts, originated by the Greeks and Romans, have been continually developed and refined throughout subsequent Classical eras.

Our recent exploration of developments in Classical design (Nov./Dec. 1990) elicited considerable response from professionals who have long been frustrated that Classical work has been either ignored or ridiculed by the architectural mainstream for the past 60 years.

It Started With Classical America

Henry Hope Reed, founder of Classical America, wrote to point out how a handful of dedicated classicists kept the flame alive during the darkest hours of the modern era. In particular, Henry made us aware of the tireless way Alvin Holm, A.I.A., has labored to share his love of Classicism with other designers. The more we learned about Al's work, the more we realized he should be the subject of a Profile piece (see page opposite).

Reed also emphasized that great credit for supporting Classicism in the U.S. should go to Clement Conger, formerly of the U.S. State Dept. At a time when there were few other patrons for Classicism in the U.S., Conger was responsible for putting together architects and craftspeople to create rooms that are paradigms of Classical expression. Declared Reed: "When the present sad decades in American art are judged by a future generation,

Clem Conger is going to be singled out as the rare patron who held to the grand tradition. By transforming Diplomatic Reception Rooms of the State Department from the Modernistic to the Classical, he set a standard and announced the future. He deserves special honor for giving the nation's capital its largest government room designed for entertaining, a true banqueting hall, the Benjamin Franklin Dining Room by architect John Blatteau."

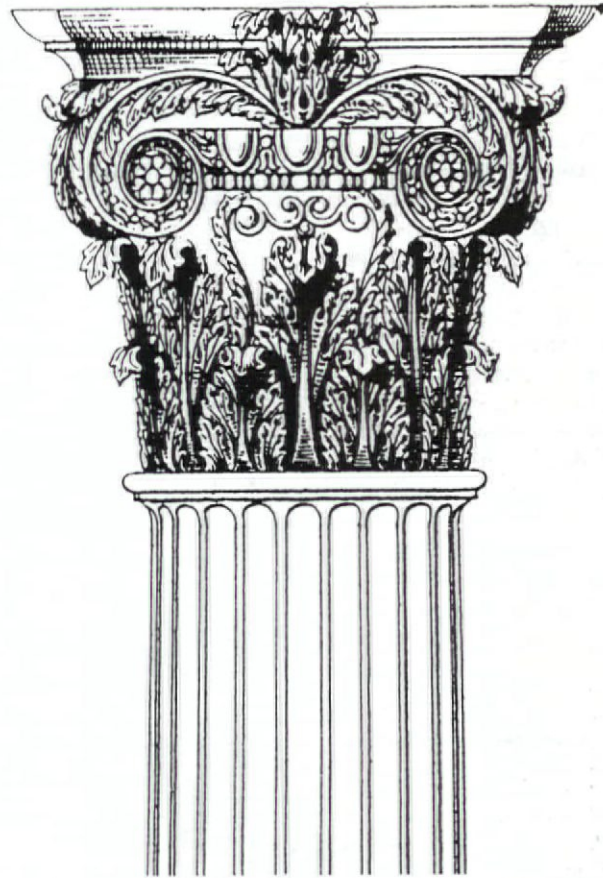
At the same time, I toured a townhouse nearing completion in New York that is being built in a simplified Corinthian order. This outstanding job became the subject of this month's Project Report (see p. 48-49).

Thomas Vaughan Noble, a co-founder of the new Classical Architecture League (see below), recently published a 28-point "Principles of Modern Classicism." In Principle II he states: "Classicism is redolent with associations of civic virtue. It was born of the Greek and Roman traditions of public responsibility and involvement . . . This makes it a fit architecture for a world where the ideals of constitutional democracy are becoming widely recognized for their supreme virtue."

And Principle XXIII declares: "Classicism is based on human and other natural forms. This makes it a meaningful architectural symbolism for a world where ecological concerns are central."

These two principles touch upon core truths that I believe are going to make Classicism and Classical architecture extremely relevant for the 1990's: We certainly need an increased awareness of civic responsibility and the ecological consequences of our actions. Classical architecture, with its humane roots and ready accessibility, is an ideal vehicle to symbolize civic and environmental issues in the coming decades. Because of its social relevance, the Classical Revival has the potential to have far greater impact on the 1990's than the Victorian Revival had on the 1980's.

When I speak of a Classical Revival, it also calls to mind the gentle chiding I received from Don Swofford of Wood, Sweet, Swofford Architects in



Charlottesville, Va. Don declared: "This is not a revival; it's a *survival*. There has been an unbroken line of architects working in the Classical style going back to Vitruvius."

While I can see a battle brewing between those who want their Classicism "pure" and those who want to interpret the Classical orders in new ways, I think such theoretical tensions will be a wonderfully healthy thing . . . indicative of a discipline where exciting creative work is taking place. Vigorous debate on the best ways to apply Classical principles to the problems of the 1990's is certainly better than having the rich field of Classical tradition lie fallow for another 60 years. ♦

WELLSPRINGS OF CLASSICISM

CLASSICAL AMERICA — For over 30 years Classical America has been the principal keeper of the flame for the Classical arts in the U.S. The organization sponsors courses that have provided architects and designers with seminal education in Classical art and architecture (see below). The organization also publishes some splendid books — both reprinted classics and original volumes of analysis and commentary. Annual membership is \$25. **Classical America**, Box 821, Times Sq. Station, New York, NY 10108. (212) 753-4376

COURSES IN DRAWING AND THE CLASSICAL ORDERS — "Drawing The Classical Orders" is offered each Fall and Spring at The National Academy of Design in New York City. The Instructor is Martin Brandwein, A.I.A., with Alvin Holm, A.I.A., as guest lecturer. This studio course provides drawing experience in the five fundamental Classical orders from the point of view of the designer/draftsman.

"Perspective and Design" is a midweek evening course in drawing at the National Academy School of Fine Art in New York City. Taught for the past 15 years by Pierce Rice, the course deals with the essentials of space and depth: "Drawing is taught as the instrument of thought, with reflection rather than observation or inspiration held the first step in the creative process."

Both courses are sponsored by Classical America. Write to address above for more details.

CLASSICAL ARCHITECTURE LEAGUE — This international organization, currently in formation, is devoted to the study and advocacy of modern Classical architecture. Plans are under way for the first annual meeting, tentatively set for the Spring of 1992 in Washington, D.C. Focus of the meeting will be presentations of current work, as well as discussions about the philosophy and practice of Classicism. For more information contact: **Classical Architecture League**, c/o Thomas Vaughan Noble, 2525 North 10th St. — #522, Arlington, VA 22201.

profile

ALVIN HOLM: An Odyssey From Curtain Walls To The Corinthian

Philadelphia-based architect Alvin Holm spent his youth worshipping modernist dogma, and then switched to classicism in the 1970's, with no small amount of angst. Now he's devoted to guiding the rest of the profession to the light.

BY EVE M. KAHN

"Converts are always the most zealous," he says. He likes to call modernism "largely bullshit"; he likes to call classicism "a fountain of continuous nourishment that transcends fashion." He is not embarrassed by the streamlined steel-and-glass schools, hospitals, and factories he designed before his conversion; "I was a happy modernist," he says. But he is far prouder of the offices, restaurants, mansions, and skyscrapers he has designed in the pure classical mode. And although he is soft-spoken and far from arrogant, he will not rest until a larger percentage of the profession follows his lead.

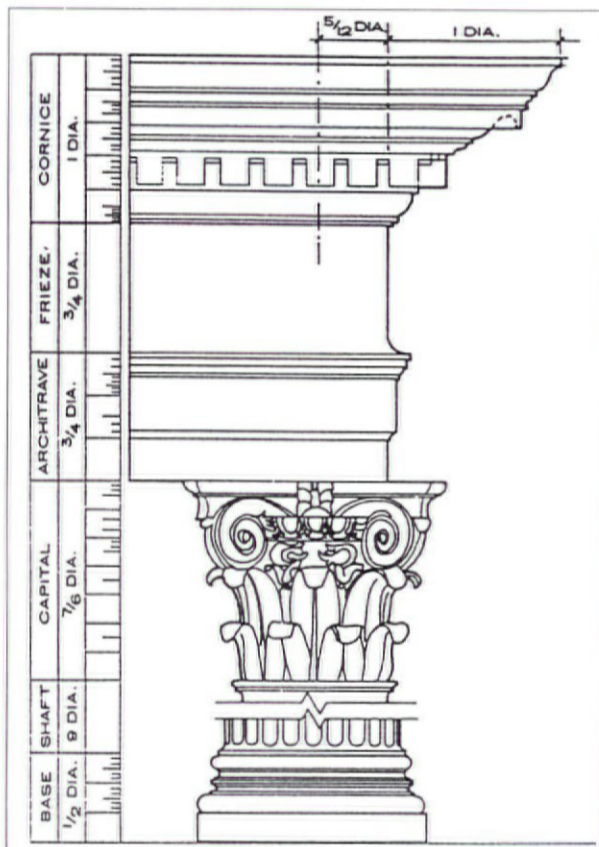
"I'm not saying all buildings should be classical, but we have to go back and look at what we've lost, and schools have to teach the classical basics first, the way the modernist masters learned them," he says. "If we can do that, whatever comes after will be all right."

Numerous other architects have taken up the classical banner (see *Traditional Building*, Nov./Dec. 1990 for more examples). What sets Holm apart is both the intensity of his devotion and the unexpected intellectual places it has led him. He studies and lectures on feng shui, geomancy

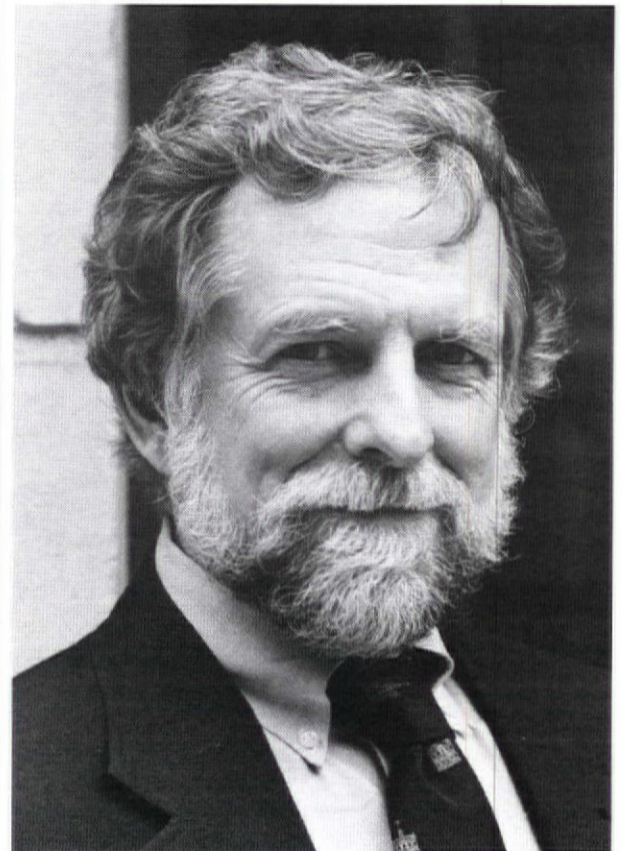
(a.k.a. dowsing), and American prehistoric architecture, from phallic stone statues in Vermont to Phoenician directional carvings on Pennsylvania boulders. While he seldom incorporates his extracurricular interests into his architecture, he does find reinforcement in them for his faith in classicism. "Menhirs, or standing-stone precursors of classical columns, exist in all cultures — Nordic, South Pacific, Oriental — and often they're placed at the intersections of energy lines in the earth, like giant acupuncture needles," he says. "They represent the gods; they are the link between the terrestrial and the spiritual."

A Bauhausian Upbringing

His childhood in Oak Park, Illinois, sparked his interest in architecture. "I thought all towns had as many Frank Lloyd Wright buildings as mine did," he says. His older sister, an art student of Moholy-Nagy, had inculcated Holm in Bauhaus beliefs by



Holm's office put the classical orders back into *Architectural Graphic Standards*, after a 50-year absence. Drawings by David Kulick & Roy Lewis



the time he was a teenager, and during his freshman year at Yale in 1954-5 three equally powerful forces took hold: He read Ayn Rand's *The Fountainhead*; dated a steely beauty who reminded him of Dominique, the novel's heroine; and enrolled in a course taught by the legendary Vincent Scully.

"My eyes were really opened," he says (but he adds that he no longer regards Scully as "revealed truth"). "It quickly became apparent I was an architect," Holm says, "but I never thought of being anything but a modernist. I learned about the rise and fall of styles and thought we were in the middle of a rise. And classicism, I was taught, was the architecture of the enemy, of fascism and communism; we were never told how universal and flexible it could be." He followed Louis Kahn ("my idol back then") when Kahn left Yale to head the University of Pennsylvania's architecture school and earned his graduate degree there. After two years of firm-hopping, he settled at Vincent G. Kling and Partners: "Kling might not end up in the history books," says Holm, "but he built half of downtown Philadelphia — and hundreds of fine hospitals and schools elsewhere."

Doubts did not disturb Holm's contentment until 1969, when the federal government asked Kling to complete Federal Triangle in Washington, D.C., a 1920's monolith that was missing a few pieces. Kling surprised all by deciding to make his additions indistinguishable from the older portions of the structure. "It was very moving to hear Kling, who has a big ego, say he wanted to be invisible," says Holm, who spent the next two years developing Kling's plans. Holm took to the project slowly. "But once I got into the spirit of it, studying old buildings and drawings," he says, "it was delicious; it felt wonderful." Then Kling asked his estimating department to price the project three ways: in a modernist mode; in a traditional mode; and in a combination of the two. All three versions cost about the same. So Holm learned that classicism is not only friendly but also economical. "I'd been taught that traditional work was unavailable, and if it was available it was too expensive," he says. (The project was never built, and now another classical scheme for the site is underway, designed by Pei Cobb Freed & Partners, another set of modernists who have changed their tunes.)



Holm's plan for a hotel, retail, and office complex in San Antonio shows how classicism can be adapted for buildings large and small

continued on page 46

The GardenHouse™ by Vixen Hill



With your choice of interchangeable glass, louvered, or raised-panel shutters, or screen inserts, The GardenHouse™ is everything you want your gazebo to be. Available in 12-foot and 9-foot diameters. For more information, or a copy of our 22-page color catalog, contact:

**Vixen Hill
Manufacturing Co.**



Main St., Dept. TB
Elverson, PA 19520
(800) 423-2766
FAX (215) 286-2099

WRITE IN NO. 710

Division 2: SITEWORK

Fine Period Garden Ornaments



English Cast Stone English Lead Fine Trelliswork
Garden Houses, Pavilions, Temples
Urns, Planters, Garden Seats, Columns, Finials
Gate Piers, Statuary, Fountains, Copings, Balustrading
Send for information, or \$12 for complete multi catalog package
New England Garden Ornaments
38 East Brookfield Rd. North Brookfield MA 01535
Tel: 508 867-4474

WRITE IN NO. 656



**NEW
POWER
LEVER**

With Lyemance's™ new patented Power Lever™ your damper will open every time.

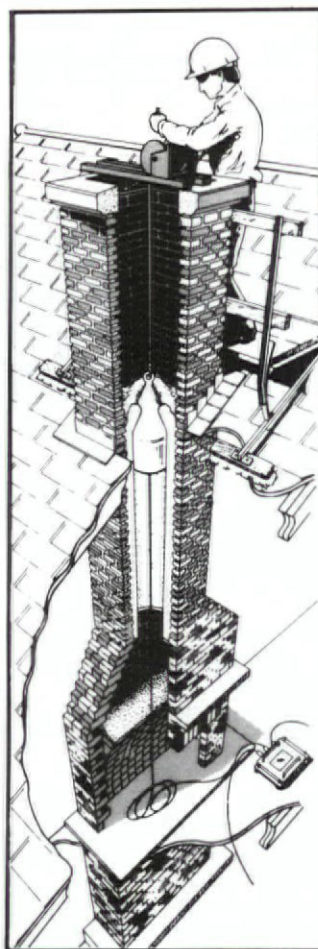
LYEMANCE™ INTRODUCES THE NEW "POWER LEVER"™

- Power Lever™ comes mounted to the damper lid.
- Fully guaranteed for material and workmanship.
- A tug on the cable drives a tiny piston upwards, applying hundreds of pounds of leverage.
- Same low cost.
- No change required for installation.
- Sizes available: 8"x8", 8"x17", 9"x13", 12"x16", 13"x13", 13"x18", 17"x17".

LYEMANCE INTERNATIONAL™

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

WRITE IN NO. 512



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 and protects
- 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

2000 Industrial Ave.
Sioux Falls, SD 57104

1-800-843-4417

WRITE IN NO. 244

Build With Pieces of History



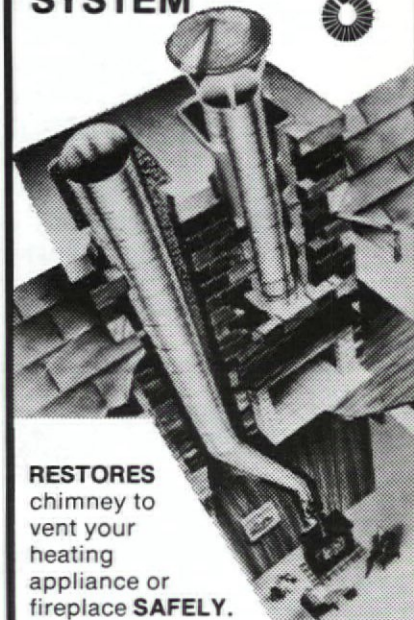
Now available in very limited quantities — authentic, decades-old, unused clinker brick. Due to changes in brick manufacture, when these are gone there won't be any more. Write for free literature or send \$10 for price list, color photos, and sample brick. *We do Custom Brick Engraving.*

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

WRITE IN NO. 396

Division 4: MASONRY

VENTINOX™ CHIMNEY SYSTEM



RESTORES
chimney to
vent your
heating
appliance or
fireplace **SAFELY.**

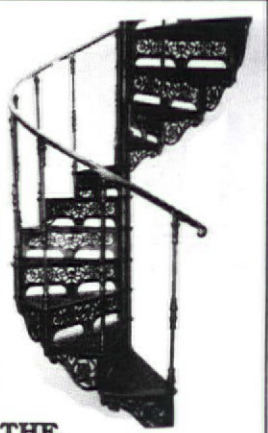
UL Listed

PROTECH SYSTEMS, INC.
P.O. BOX 1743 T B
ALBANY, NY 12201
(518) 463-7284


WRITE IN NO. 206

For free product information, fill out the enclosed postcard, or use the form on page 50.

Division 5: METALS



THE BARCLAY



THE KENSINGTON

Stepoe 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

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

100 Years Behind the Times.™

WRITE IN NO. 47

Victorian One
Cast Spiral Stair Kits



Introductory Price \$3600
F.O.B. Broomall, PA
For 5'0" Diameter Kit (fits heights 8'0" to 8'8 1/2")

*Shown with optional In-Between Spindles and Scroll Tread Ends

© 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.

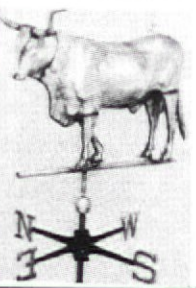
Call or Write for Free Color Brochure:
THE IRON SHOP Dept VT891 215-544-7100
Box 547, 400 Reed Road, Broomall, PA 19008

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

HANDMADE BRASS & COPPER LANTERNS & WEATHERVANES



NO IMPORTS

Catalogue \$3

(603) 736-9798
THE COPPER HOUSE
RT. 4, RFD 1
EPSOM, N.H. 03234

WRITE IN NO. 729

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

FINIALS
out of
COPPER
BRASS
FIBERGLASS
WOOD

3 ft. DESCRIPTIVE to FLYER
12 ft. FREE hts.


\$5

COLOR BROCHURE

Adornments for Architecture

827, Rt. 82, Dept. TB, Hopewell Junction, N.Y. 12533
Tel. (914) 226-5618

WRITE IN NO. 749



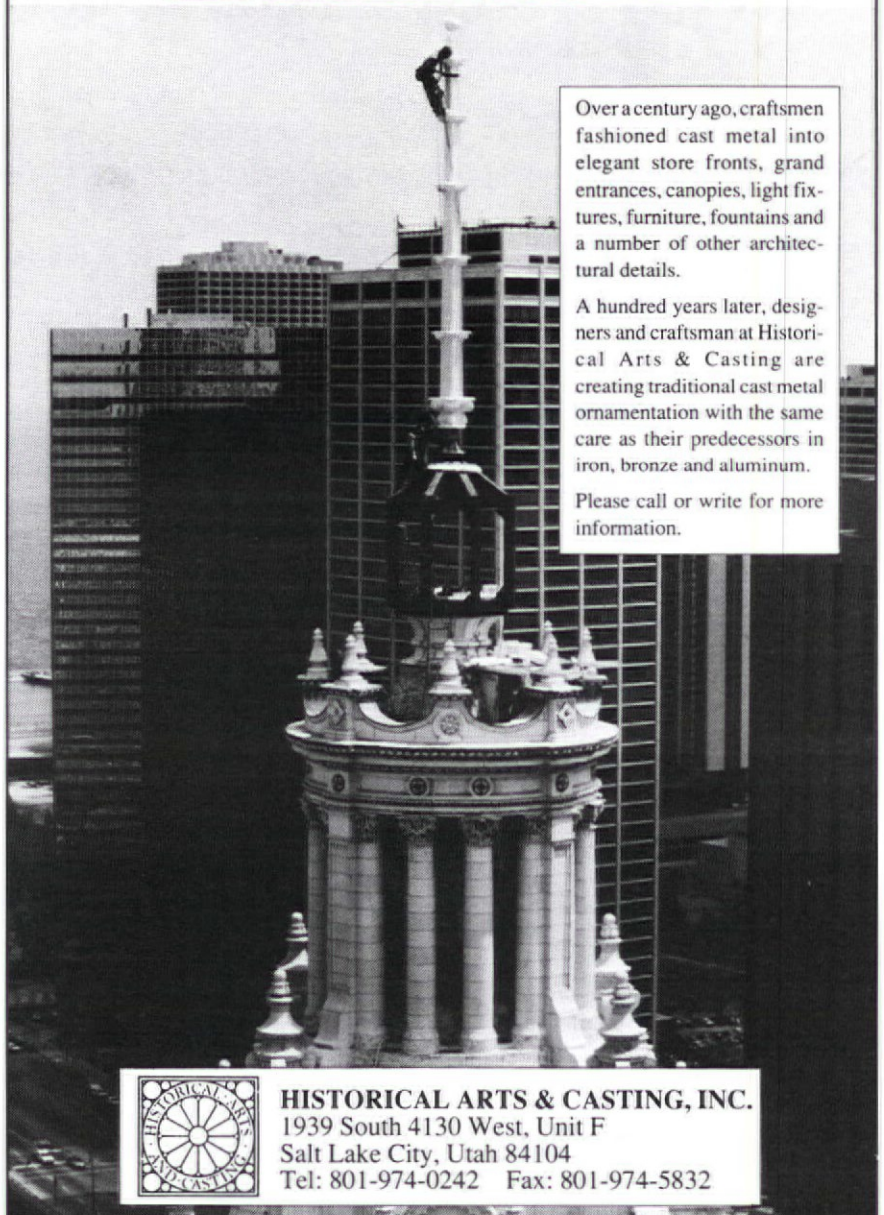
Finely crafted cupolas for restoration or replication of historic homes, carriage houses and barns. Specializing in hand seamed copper roofs. Reproduction weather vanes in many designs. Send \$1.00 for brochures.

DENNINGER
CUPOLAS & WEATHER VANES

RD1 BOX 447TB (914) 343-2229
MIDDLETOWN, NEW YORK 10940

WRITE IN NO. 730

**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 craftsman 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

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

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. 556

CUSTOM HISTORICAL REPRODUCTIONS IN METAL

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

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

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

WORTHINGTON
PREMIER ARCHITECTURAL PRODUCTS

1-800-872-1608

Catalog \$3.00

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

WRITE IN NO. 163

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

the Original **CROSS VINYL Lattice**

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

MAIL ORDER SIGNS **NEW PRODUCTS** MAIL ORDER SIGNS

Very Durable! ORDER 1 SIGN - or - 100

Historic House Plaques

Mail Order!

PAUL MUSGROVE DESIGNS SIGNS

Please send for our brochure of "Cast Signs" & custom designs thru Mail Order! Signs shown come primed OR hand painted & lettered, etc.

©1991 PAUL MUSGROVE - GRAPHIC DESIGN

PAUL MUSGROVE • SIGNMAKER
209 HIGH ST., MT. HOLLY, NJ 08060

FAX YOUR IDEAS, 609-267-3177
Telephone 609-267-3393

WRITE IN NO. 765

STAIRWAYS INC.

ANY SIZE STEEL • ALUMINUM WOOD • BRASS STAINLESS

Shipped in a Complete Unit or Kit \$425 & up

Stock for Fast Shipping Free Brochure

Toll Free 1-800-231-0793 4166 Pinemont
Fax 1-713-680-2571 Houston, Tx 77018

WRITE IN NO. 487

ORIGINAL DISMANTLED 1890 VICTORIAN MANSION

OAK WOODWORK INCLUDING:

DOORS • FIREPLACES • PARQUET FLOORS
MOULDING • STAINED & BEVELED WINDOWS

FOR INFORMATION CALL
-PAST PRESENT FUTURE-

1-800-366-8458 OR 213-876-8458

WRITE IN NO. 829

Nucleus Tool Set

This matched selection of essential construction/renovation hand tools 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

Millwork and Moldings by **Permalife Inc.**
"Better than Wood"

Louver Vents • Sunbursts
Victorian Brackets • Door Surrounds
Much More

CUSTOM REPRODUCTIONS
Much higher density material than other polymer moldings

Phone: (616) 245-0180
1701 Clyde Park S.W., Suite #5, Wyoming, MI 49509

WRITE IN NO. 744

SPIRAL STAIRCASES CUSTOM BUILT TO YOUR ORDER

Complete with beautiful wooden railing. The most attractive and priced far below the rest.

Both all wood and steel models available. Prices start at \$385 for Steel, \$995 for All-wood.

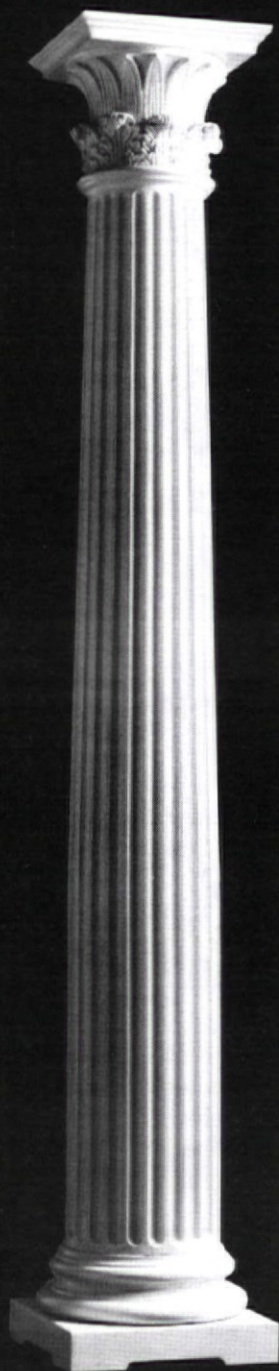
Send for full color brochure or call 913 689-4341.

Goddard Manufacturing
Box 502, Dept. TB, Logan, KS 67646

WRITE IN NO. 478

If you want to subscribe to TRADITIONAL BUILDING, please give us a call at 718-636-0788

CHADSWORTH COLUMNS



Authentic Replication of Greek and Roman Orders

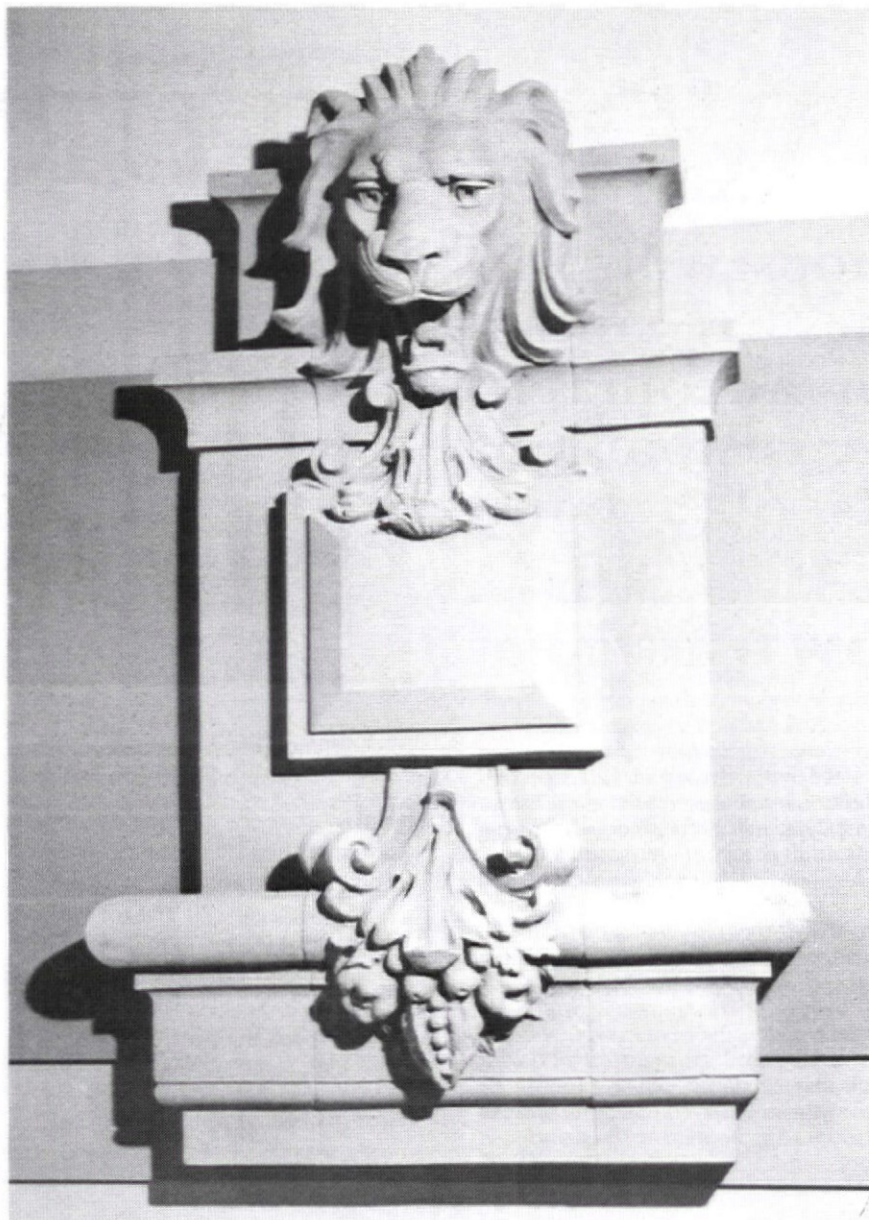
Architectural Wooden Columns
Wooden Pedestals & Table Bases
French Gobelin Tapestries

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

ARCHITECTURAL ELEMENTS



GFRC inc.

Providing design & finish flexibility nationwide for light weight, weather resistant, glass fiber reinforced concrete.

6001 North 60th St., Lincoln, Nebraska 68902
402-466-3200 FAX 402-466-2369

WRITE IN NO. 663

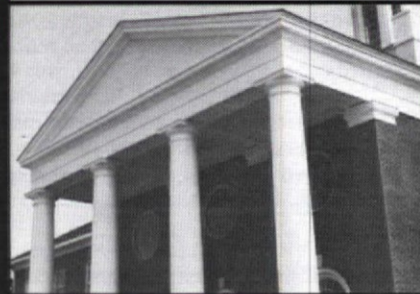
EDON fiberglass

COLUMNS
CORNICES
MOLDINGS
REPRODUCTIONS

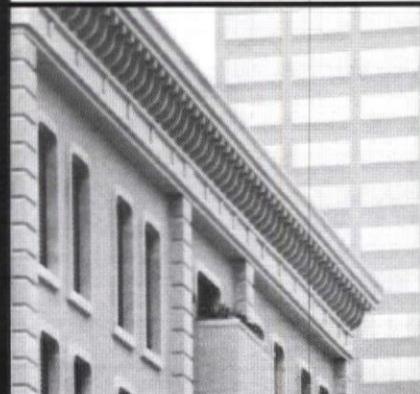


DORMERS ■ SPANDELS

HISTORICAL
ARCHITECTURAL
ORNAMENTATION
CONTEMPORARY



COLUMNS ■ PEDIMENTS



CONTEMPORARY CORNICE



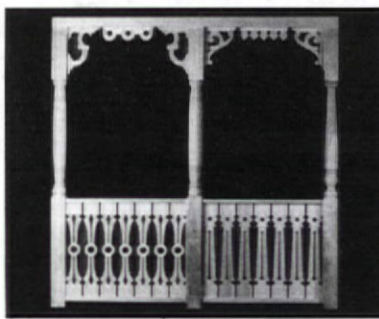
HISTORIC REPRODUCTIONS
CORNICE ■ MOLDINGS

EDON FIBERGLASS

800-523-2539
FAX-215-672-9014
1160 EASTON RD.
HORSHAM, PA 19044
215-672-8050

WRITE IN NO. 189

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 2987-783
Durango, Colorado 81302
800/933-3930

WRITE IN NO. 45

IF YOU LOVE OLD HOUSES

We have the house plans you've been looking for!



Our beautiful portfolios unite yesterday's exteriors with today's floor plans. Each one contains 48 authentic designs. Working blueprints are designed for energy efficiency and economical construction. Order today!

VICTORIAN and FARMHOUSES contains 48 authentic designs.

COLONIAL HERITAGE features Georgian and Federal designs.

LOUISIANA COLLECTION has raised cottages and plantation homes.

CLASSIC COTTAGES contains a variety of designs under 2000 sq. ft.

Each portfolio \$16.00
Any 3 portfolios \$40.00

Any 2 portfolios \$28.00
Any 4 portfolios \$48.00



Historical Replications, Inc.

P.O. Box 13529, Dept. TB91
Jackson, MS 39236

1-800-426-5628
In MS 981-8743

WRITE IN NO. 825

special report

AS THE WOOD TURNS

Many millwork shops will provide large volumes of simple turned pieces on automated lathes. But intricate custom jobs require the skills of a hand turner.

■ BY JUDITH SIEGEL LIEF

Turnings are more than a stock baluster in a catalog. Sure, large millwork shops have mass produced stock items and styles: Balusters, newel posts, railing systems, and more. And frequently, those will fit the bill. Large shops can sometimes even accommodate a custom request however, for shorter runs or intricate or unusual designs, smaller custom shops are better suited to replicate any turned or spiral piece.

For example, one client recently specified several dozen stair balusters, each one a stem with dozens of turned collars of varying diameters and widths stacked one on top of another. A recent project for a multi-million-dollar home involved the turning of 80 4-in. sq. solid mahogany balusters and 15-in. inlaid newel posts for a custom-designed staircase. Many of the woodturners we talked to seemed to relish these kinds of challenges.

The following may help if specifying turnings is on your agenda.

Material

Here's where trusting your turner is essential. The kind of wood to be specified is not necessarily a question of aesthetics or even historical accuracy — location is the critical element. Interior or exterior (protected wood vs. wood exposed to weather) and high or low traffic are some of the factors to consider when opting for one species over another. Earl Suhrbier at Nelson-Johnson Wood Products in Minneapolis says succinctly: "Wood is as good as the particular place it's at." And opinions differ on exterior usage: Personal preference, habit or experience, and local availability determine recommendations.

Suhrbier uses mostly pine (to be painted) for exterior jobs; he likes the way it glues. Steve Evans, the president of Pagliacco Turning & Milling, says 80-90% of his work is redwood. San Francisco Woodturning also uses redwood on about 70% of its projects (although owner Dave Davolt will work in any species; he says he'll make "anything that has to do with wood that's round"). Ray Matteson, at Creative Woodworking, says most of the posts they do are pine, mahogany, or redwood. All the turners, however, agreed that while poplar is most frequently requested for exterior work (because it's inexpensive),



it's actually a poor choice because it rots so quickly. Note also that most turners won't work with pressure-treated woods because of potential health hazards.

Finish

Most turners only take woodwork to a lathe-sanded finish, so find out what grit is the shop standard. For example, Pagliacco takes its turnings to 60 grit for paint grade and 120 grit for stain grade. On some fine custom jobs, you might want to specify up to 150 grit finish. The thing to be mindful of is whether the turned piece is machine sanded or hand sanded. While machine sanding is adequate for long, smooth surfaces, it may not be appropriate for very crisp and intricate profiles. Automated lathe sanding rounds and softens detail.

Size/Volume/Price

The number of shops that can handle extra large pieces is limited. On the *SourceList* (on pp. 12, 14), we've identified maximum lathe capacities.

While automated turnings may be more cost effective for a large volume job, there is a significant setup charge that may make hand turning more reasonable on a smaller job. Steve Evans's caveat: The more hand work that goes into a piece, the higher the price. Some shops do a combination of both so there's a wide range in prices. Also, when specifying size, it's important to be specific about dimensions. Turners differentiate between "net" and "nominal" dimensions (the way a 2 x 4 actually measures 1-3/4 x 3-3/4).

Who's On The SourceList

From the 62 woodwork shops queried for this report, we selected those respondents who seemed most appropriate for the professional market. ♦

DUGWOOD
TURNERS

Architectural Turnings Furniture

Dug Campbell
804-788-8037

P.O. Box 634
Richmond, VA
23205

6 W. Cary St.
Richmond, VA
23220

WRITE IN NO. 837

Partelow's
Custom
Wood Turnings

- Balusters for staircases,
- Fluting
- decks, porches and fences
- 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

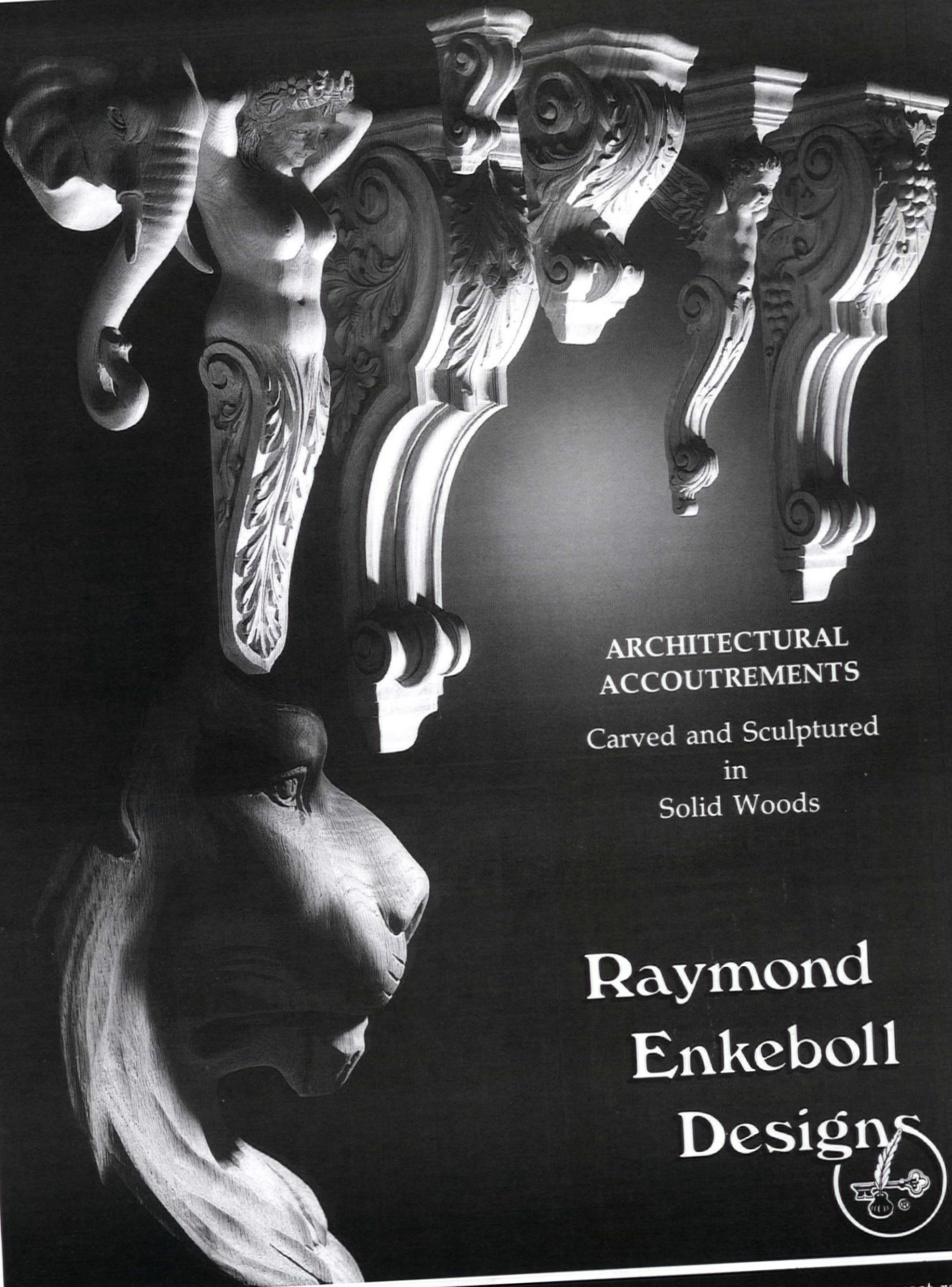
CUSTOM ARCHITECTURAL TURNINGS

Abaroot Manufacturing Company stocks and custom turns columns, porch posts, newels, balusters, and capitals. All hardwoods and softwoods are available, and turnings can be done to a 30 inch diameter and 22 foot lengths.

Clients include: The Las Vegas Hilton — the largest hotel in the western world; Caesar's Palace, Las Vegas; Disneyland (France); and many other blue-chip projects, both commercial and residential.

ABAROOT MANUFACTURING CO., INC.
21757-1/2 S. Western Ave., Dept. TB, Torrance, California 90501
Phone: (213) 320-8172 Fax: (213) 320-6890

WRITE IN NO. 805



ARCHITECTURAL
ACCOUTREMENTS

Carved and Sculptured
in
Solid Woods

Raymond
Enkeboll
Designs



Photography by Tony Nelson

Catalog Available

To the Trade
FACTORY and SHOWROOM
16506 AVALON BLVD. • CARSON, CA 90746 • FAX (213) 532-2042 • TEL (213) 532-1400

Details are the essential ingredient to any great room. Our corbels come in a multitude of designs and sizes that have countless applications. Their use is limited only by your imagination.

WRITE IN NO. 577



TRADITIONAL BUILDING's WOOD TURNINGS SourceList

CSI# 06400

■ BY JUDITH SIEGEL LIEF

COMPANY	LITERATURE	TYPE OF TURNING						Max. Diameter	Max. Length	% Custom	
		Balusters	Railings	Posts	Fluting	Rope Twists	Other				
Abaroot Mfg. Co., Inc. 21757-1/2 S. Western Ave., Dept. TB Torrance, CA 90501 (213) 320-8172	Free Write in No. 805	✗		✗	✗			Columns, capitals	30 in.	22 ft.	75%
Advanced Design Woodturning, Inc. 190 Highland Pl., Dept. TB Brooklyn, NY 11208 (718) 647-5017	Free Write in No. 677	✗	✗	✗	✗			Reeding, columns, finials	12 in.	9 ft.	100%
Architectural Lathe & Millwork 316 S. Bernadotte, Dept. TB New Orleans, LA 70119 (504) 482-0980	Free Write in No. 772	✗	✗	✗	✗	✗		Reeding, hollow columns, column bases, replacement parts	30 in.	17 ft.	100%
Barewood Architectural Millwork 106 Ferris St., Dept. TB Brooklyn, NY 11231 (718) 875-9037	Free Write in No. 167	✗	✗	✗	✗	✗			24 in.	18 ft.	100%
Boston Turning Works 42 Plympton St., Dept. TB Boston, MA 02118 (617) 482-9085	Free	✗		✗	✗	✗		Finials	15 in.	6-1/2 ft.	85%
Bruce Post Co., Inc. PO Box 332, Dept. TB Chestertown, MD 21620 (301) 778-6181	Free			✗				Lamp posts	17 in.	8-1/2 ft.	15%
Cumberland Woodcraft Co., Inc. PO Drawer 609, 10 Stover Dr., Dept. TB Carlisle, PA 17013 (717) 243-0063	Free Write in No. 131	✗	✗	✗	✗	✗		Columns	16 in.	10 ft.	20%
Custom Woodturnings 4000 Telephone Rd., B-13, Dept. TB Houston, TX 77087 (713) 641-6254	Free Write in No. 14	✗	✗	✗	✗	✗		Hand-turned rosettes (any size), square, hexagon, octagon; lampposts	10 in.	16 ft.	100%
Dugwood Turners 6 W. Cary St., Dept. TB Richmond, VA 23220 (804) 788-8037	Free Write in No. 837	✗		✗				Furniture, accessories, components	16 in.	8 ft.	100%
Empire Woodworks PO Box 407, Dept. TB Johnson City, TX 78636 (512) 868-7520	Free Write in No. 683	✗	✗	✗	✗	✗			16 in.	16 ft.	10%
Fagan Design & Fabrication 44 Railroad Ave., Dept. TB West Haven, CT 06516 (203) 937-1874	Free Write in No. 821		✗	✗	✗	✗		Columns	12 ft.	36 ft.	100%
Mad River Woodworks PO Box 1067, Dept. TB Blue Lake, CA 95525 (707) 668-5671	Free Write in No. 35	✗	✗	✗				Finials	8 in.	16 ft.	90%
Mansion Industries, Inc. 14425 E. Clark Ave., Dept. TB Industry, CA 91746 (800) 423-6589	Free Write in No. 361	✗	✗	✗		✗		Exterior turnings, finials, columns, fretwork	6 in.	10 ft.	0%
Millwork Specialties 2197 Canton Rd., Dept. TB Marietta, GA 30066 (404) 425-6585 or (800) 729-2906	Free Write in No. 815	✗	✗		✗	✗			12 in.	4 ft. 10 in.	20%
National Decks, Inc. 6037 McHenry Valley Rd., Dept. TB Almond, NY 14804 (800) 437-8876	Free Write in No. 482	✗		✗	✗	✗			12 in.	8 ft. 2 in.	90%
New England Woodturners 75 Daggett St., Dept. TB New Haven, CT 06519 (203) 776-1880	Free	✗	✗	✗	✗	✗		Cork screw	18 in.	16 ft.	100%
Pagliaccio Turning & Milling PO Box 225, Dept. TB Woodacre, CA 94973 (415) 488-4333	Free Write in No. 707	✗	✗	✗	✗			Large face plates, columns	24 in.	21 ft.	30%
Partelow's Wood Turning PO Box 433, Dept. TB Old Lyme, CT 06371 (203) 434-2065	Free Write in No. 496	✗		✗	✗	✗		Columns, lamp posts, large diameter turnings	22 in.	12 ft.	90%
Rich Woodturning 98 N.W. 29th St., Dept. TB Miami, FL 33127 (305) 573-9142	Free	✗	✗	✗	✗	✗		Hand-carved fittings, furniture components	60 in.	20 ft.	75%
Rosander Woodturning 1001 E. Hillview Dr., Dept. TB Salt Lake City, UT 84124 (801) 266-1639	None	✗	✗	✗	✗			Columns	12 in.	12 ft.	70%
Saco Manufacturing 39 Lincoln St., Dept. TB Saco, ME 04072 (207) 284-6613	Free	✗		✗	✗			Lamp posts, columns	24 in.	18 ft.	90%

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

Mansions Victorian Gingerbread
Victorian Gingerbread

Porch Posts, Rails
Newels & Balusters
Choice of 3 Species!
**REDWOOD
CEDAR &
CCA TREATED**

(800) 423-6589
P.O. BOX 2220
INDUSTRY, CA 91746

mansion industries, inc.

WRITE IN NO. 361

The Wood Factory
AUTHENTIC VICTORIAN
MILLWORKS

Screen Doors • Porch Parts
Custom Woodwork • Moldings
Ornamental Trim

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

WRITE IN NO. 712

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

**Authentic Victorian Millwork
MASTER WOODTURNERS**

◆ Produced from original millwork patterns ◆

- ◆ Porch Posts
- ◆ Newel Posts
- ◆ Porch Spindles
- ◆ Post Tops
- ◆ Railings
- ◆ Balusters
- ◆ Stair Parts
- ◆ Gable Ornaments

All products in Solid Redwood or Clear Heart Cedar. Choose from our authentic designs, or we can custom-turn items from your photos or architectural drawings.

CUSTOM WOODTURNINGS
4000 Telephone Road B-13 Houston, TX 77087
(713) 641-6254
Illustrated Catalog Available \$2.00

WRITE IN NO. 14

If you would like to subscribe to TRADITIONAL BUILDING, simply give us a phone call at (718) 636-0788.

CUSTOM TURNINGS & HANDRAIL

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

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

Our craftsmen love a challenge! We can handle all the tough jobs that are too complicated for the job shops. Serving satisfied clients nationwide.

Write, call, or FAX for a quote on your job.
ADVANCED DESIGN WOODTURNING, INC.
190 Highland Place, Dept. TB, Brooklyn, NY 11208
(718) 647-5017 FAX (718) 827-4250
VISA/Mastercard

WRITE IN NO. 677

24 Page Catalog

ARCHITECTURAL MILLWORK 6.9/Pa

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

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).

WRITE IN NO. 707



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

**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.



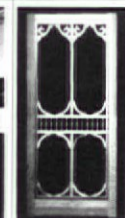
**Sumnerland
& Woodcraft Co.
INC.**



Best of Show, Blue Ribbon, Expo Show.



Expo Blue Ribbon Winner



Dept. 190

Office hrs. 8 AM to 4 PM Mon - Fri EST
Post Office Drawer 609 Carlisle, PA 17013
(717) 243-0063 (800) 367-1884 Outside PA FAX (717) 243-6502

WRITE IN NO. 131



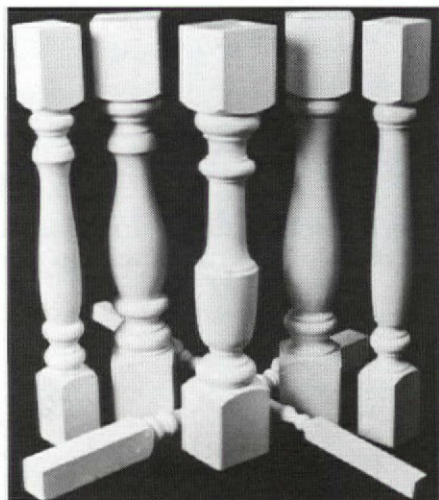
TRADITIONAL BUILDING's WOOD TURNINGS SourceList

continued from page 12
CSI# 06400

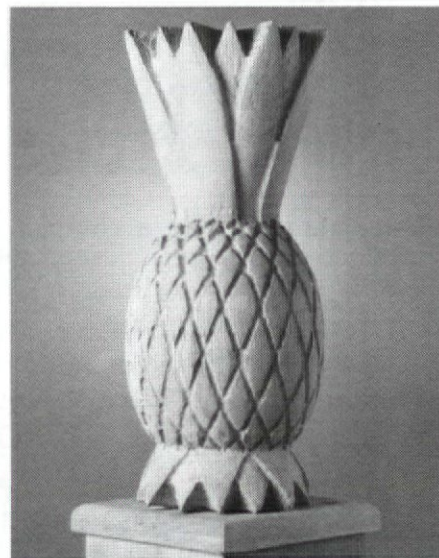
■ BY JUDITH SIEGEL LIEF

COMPANY	LITERATURE	TYPE OF TURNING						Max. Diameter	Max. Length	% Custom
		Balusters	Railings	Posts	Fluting	Rope Twists	Other			
San Francisco Woodturning 1366 N. Carolan Ave., Dept. TB Burlingame, CA 94010 (415) 248-6905	Free	×		×	×	×	Curved molding and anything that has to do with wood that's round	7 ft.	18 ft.	100%
Sheppard Woodworks 114 Elliott Ave. W., Dept. TB Seattle, WA 98119 (206) 282-4661	Free Write in No. 832	×	×	×	×		Columns, rosettes, finials, furniture legs	28 in.	14 ft. 2 in.	100%
Silverton Victorian Millwork PO Box 2987, Dept. TB Durango, CO 81302 (800) 933-3930	Free Write in No. 45	×	×	×			Columns, stair parts	5-1/4 in.	10 ft.	10%
Turncraft PO Box 2429, Dept. TB White City, OR 97503 (503) 826-2911	Free	×	×	×			Lamp posts	6 in.	10 ft.	5%
Wood Factory 901 Harvard, Dept. TB Houston, TX 77008 (713) 863-7600	Free Write in No. 712	×	×	×			Sawn balusters	5-1/2 in.	12 ft.	50%

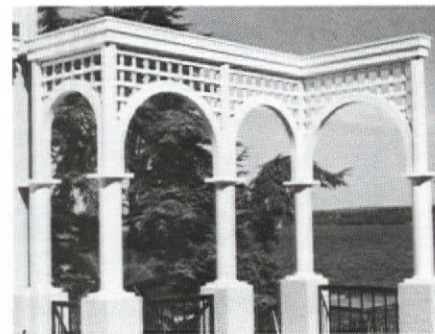
WOOD TURNINGS PORTFOLIO



Pressure-treated Douglas fir "massive" balusters from MANSION INDUSTRIES. Write in No. 361



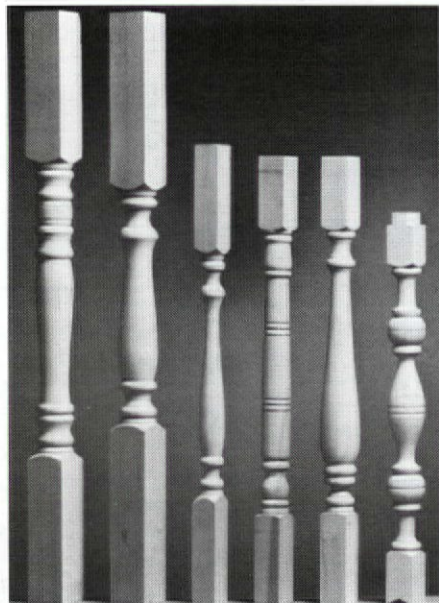
Pineapple finial; all redwood; available in 4 in. or 6 in. BRUCE POST CO., INC.



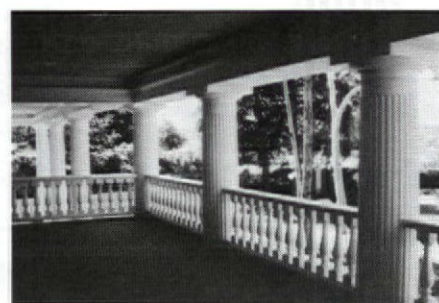
Columns and arch work turned for a lakefront residence in Seattle. SHEPPARD WOODWORKS. Write in No. 832



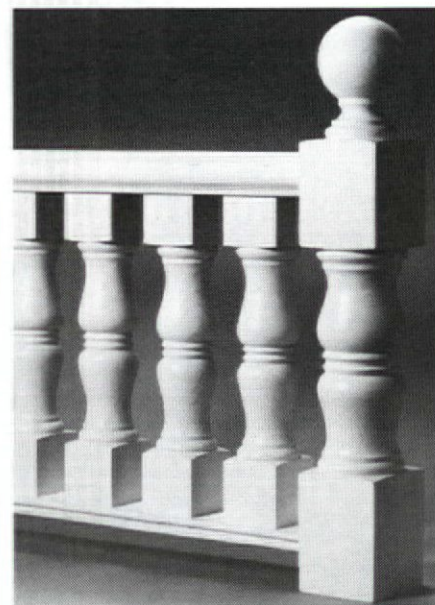
Close-up of balusters recreated as part of the reconstruction of the Hamilton County Bandstand in Aurora, Nebraska. SACO MANUFACTURING & WOODWORKING



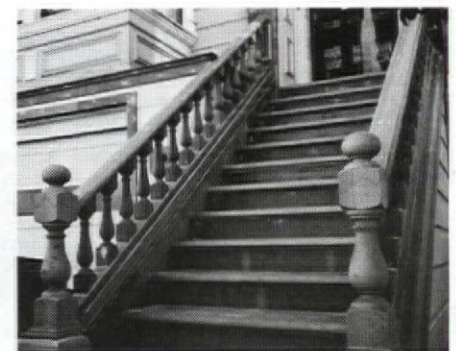
Turned balusters in solid hardwoods. The extreme right baluster is new; it features a bird-mouth notched bottom to fit on a bottom rail and shed water. CUMBERLAND WOODCRAFT CO., INC. Write in No. 131



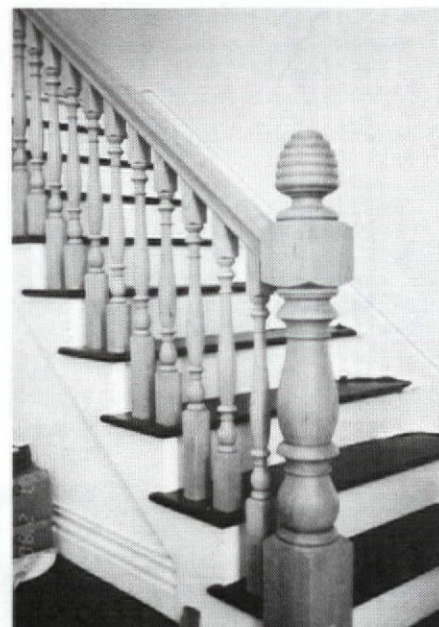
Colonial style column and rail system from TURNCRAFT



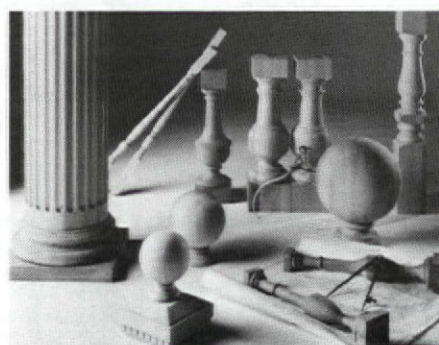
Model B-13 baluster, NP13 newel post, NC1 cap, R100 top rail, and R900 bottom rail; all shown in clear all-heart redwood. PAGLIACCO TURNING AND MILLING. Write in No. 707



Original custom-designed redwood staircase for a residence in the Richmond District of San Francisco. SAN FRANCISCO WOODTURNING



Custom designed balusters, oversized newel post, beehive finial, and railing all turned in solid cherry from ROSANDER WOODTURNING



Finials, columns, newel posts and balusters in a variety of woods. BOSTON TURNING WORKS

The Wood Turning Center

In 1986, Albert LeCoff, woodturner, along with his brother Alan, created The Wood Turning Center to "educate, preserve, and promote the art of lathe turning." Now with an international membership of 550, the non-profit organization is a combination of educational research and development foundation, museum, and living archive.

The Center is a source of information and assistance to artists, hobbyists, galleries and international exhibitions, museums, collectors, and educators. It holds workshops and symposia and houses a library of over 10,000 slides, books, papers, and publications. This wealth of documentation describes the art of wood turning and the lathe; functional, decorative and sculptural turnings; technical aspects of turning; and the personal development of individual artists.

The Center has a collection of over 300 turned objects. *Turning Points* is the Center's quarterly publication, which features articles on the turning field — past, present, and future.

For information on membership and courses, contact: Wood Turning Center, Inc., P.O. Box 25706, Philadelphia, PA 19144 (215) 844-2188.

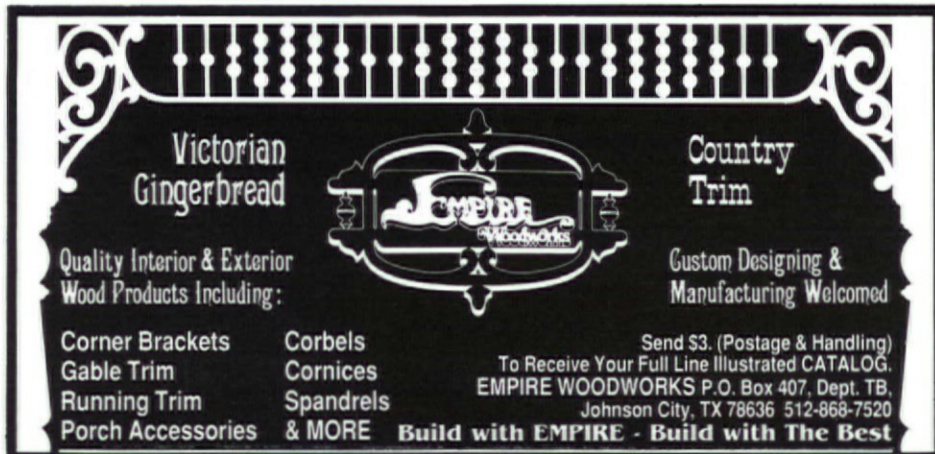
SHEPPARD WOODWORKS

ARCHITECTURAL WOODTURNING
MILLWORK SPECIALTIES
CUSTOM FURNITURE

GREGORY C. SHEPPARD

114 ELLIOTT AVE. W., SEATTLE, WA 98119
(206) 282-4661

WRITE IN NO. 832



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 \$3. (Postage & Handling)
To Receive Your Full Line Illustrated CATALOG.
EMPIRE WOODWORKS P.O. Box 407, Dept. TB,
Johnson City, TX 78636 512-868-7520

Build with EMPIRE - Build with The Best

WRITE IN NO. 683

STAIR PARTS

- Complete Selection of Newels, Balusters, Fittings, Handrails
- Oak, Cherry, Mahogany, Poplar in stock
- No Minimums
- Immediate Shipment



Millwork Specialties
800-729-2906

WRITE IN NO. 815

OAKWOOD CLASSIC MOLDINGS & TRIMS

Beautiful window and door moldings, chair rails, baseboards, fireplace mantels, bookcases. Intricate stock designs. Custom crafting to match pre-existing patterns. Authentically created by our restoration experts. In solid oak, cherry, maple or pine. For a design folder, send \$3 to Oakwood Woodworks, 5 Pinehill Dr., Pittsford, N.Y. 14534, or call 716/381-6009. FAX 716/383-8053.



WRITE IN NO. 827

Maple Grove Restorations



Interior Raised Panel Shutters
Raised Panel Walls
Wainscoting

P.O. Box 9194 Bolton, CT 06043-9194
(203) 742-5432

Call or write for free information

WRITE IN NO. 563

GLENCO CONSTRUCTION CO.

RESTORATION & PRESERVATION OF HISTORIC AND PERIOD BUILDINGS CHURCH WORK INTERIOR & EXTERIOR CONSULTING SERVICE NATIONWIDE

BOX 189, DEPT. TB, ATHENS, NY 12015
518-945-3880
BROCHURE ON REQUEST

WRITE IN NO. 823

CUSTOM HISTORIC WOODWORK

Interior & exterior architectural millwork for historic projects




Radius Work
Molding Profile Duplication
Frame & Panel Doors
Window Frames & Sash
Wall Paneling & Wainscoting
Dentilated Crowns
Detailed Shop Drawings

Contact David Dannenberg or Michael McClintock to discuss your needs.

McDan Woodworking
374 E. Broad St., Dept. TB
Gibbstown, N.J. 08027
(609) 423-5337

WRITE IN NO. 777

Huggler-Wyss America



Craig Barnes, Swiss schooled wood sculptor experienced in museum quality restoration and custom carving of wood or plaster ornamentations. Skilled in European finishing.

HUGGLER-WYSS AMERICA
541 Pacific Ave.
Willmar, MN 56201
612-235-6020

WRITE IN NO. 839

NEW FROM FAGAN DESIGN

A complete line of architectural columns and turnings. Our columns can be based on your designs — or the traditional orders of architecture.

Large or small, our columns and turnings surpass the toughest architectural standards, and we use only the finest materials and advanced methods of construction.

Further, we offer:

- ◆ Moldings
- ◆ Curved crowns
- ◆ Porch Posts
- ◆ Capitals
- ◆ Carvings
- ◆ Fluting & spiral rope twists
- ◆ Other large turnings (Diameters to 12 ft.; Lengths to 36 ft.)

Fagan Design & Fabrication

44 Railroad Ave., Dept. TB
West Haven, CT 06516
Phone: (203) 937-1874 Fax: (203) 937-7321

WRITE IN NO. 821



BAREWOOD INC.

Fine custom woodworking and carving artistically executed cherished pieces lovingly repaired or recreated

CUSTOM FABRICATION
EXPERT REPAIRS ••• REPRODUCTION

Windows	Fireplace Mantle/Mirrors
Doors/Sashes	Cornices
Custom Moulding/Millwork	Wainscoting/Panelling
Staircase Parts	Woodturning/Spindles/Columns
Decorative Woodcarving	Handrails
Furniture/Cabinets	

106 Ferris Street, Brooklyn, New York 11231
(718) 875-9037

WRITE IN NO. 167

WINDOW RESTORATION IN OUR SHOP

- > EPOXY WORK
- > FRAME ROUTING
- > CONVERSION TO IG GLASS
- > PRIME COATING

COMPREHENSIVE TECHNIQUES
SHOP OR FIELD APPLIED



1990 RESTORATION OF BURNHAM & ROOT'S 1888 ROOKERY IN CHICAGO

SPECIALTY GLAZING AND SUPPLY INC.
150 N SCHUYLER, KANKAKEE, IL 60901
(815) 937-5101

WRITE IN NO. 757



ARCHITECTURAL LATHE & MILLWORK

Custom Turning

316 S. Bernadotte St.
New Orleans, LA 70119
(504) 482-0980

WRITE IN NO. 772

special report

WOOD RESTORATION: EPOXIES FILL IN THE G·A·P·S

■ BY EVE M. KAHN

Woodwork restoration is a vast subject, encompassing everything from picking paint out of tiny crevices in oak mantels and carving delicate Dutchman patches, to re-milling yards of molding. Of all these topics, the one that causes the most misunderstandings is epoxy work. It is still a relatively young field, and confusion abounds. Some points to ponder in choosing whether to use epoxy, selecting the material, and then applying it:

- Epoxy is right for jobs when (1) keeping historical material and minimizing disruption to intact elements are important; (2) the parts in need of restoration would be difficult to replace; (3) nearly invisible repairs are desired; and (4) skilled craftspeople (or those willing to rigidly follow instructions) are available.

- Do nothing with epoxy without reading directions and experimenting first; and keep a telephone handy for asking advice of a manufacturer who has hands-on experience.

- Choose an epoxy suited to the project: Some products are meant for strictly surface work, while others can bear loads. Some products can be handled just like wood — sanded, sawn, drilled, carved, stained, painted — while others are too dense for such treatment. And know that manufacturers disagree about which kind of final result is best. Specifically, they disagree over how flexible hardened epoxy needs to be to hang on to wood during its contractions and expansion.

- Be wary of inexpensive formulas; they tend to contain a great deal of solvent, so you will

need to wait for the solvent to evaporate. And once hardened, they shrink and adhere poorly.

- Make sure the epoxy's cure time fits your needs: Short cure times (and thicker consistencies) mean quicker repairs but can be difficult to work with; long cure times (and watery consistencies) offer plenty of time to work but can try a professional's patience and sometimes never completely cure. A few companies offer custom formulations, so that cure times can be regulated.

- Epoxies that mix 1:1 are easy to handle in the field.

- Don't forget the effect of climate on epoxy: Heat speeds cure time, so mix small batches when working in strong sunlight. The benefits of working in the sun: Faster repairs, earlier curing. Do not expect swift results in the dead of winter — or below 50 degrees — unless you provide heat or use special compounds.

- A common mistake is to slather sound wood with epoxy, so as to protect it from water infiltration. Like aluminum siding, this technique causes more problems than it solves. Wood under consolidated areas can rot because of moisture but not reveal its condition until damage is serious.

- Be aware of the controversy surrounding solvents in epoxy. Some manufacturers argue that solvent-free products are best: They do not shrink, they require no waiting for evaporation, and they emit no nasty fumes. Other manufacturers state that solvents pose no great danger; solvents contribute to "wet-out" (that is, they drive moisture out of wood) and they off-gas only slightly.

- Manufacturers also disagree over the wisdom of using epoxy surface fillers which contain phenolic resin; the compound makes color integral in the filler, saving time (since no pigment need be added), but its dust is hazardous.

- Use pigments only as the manufacturers recommend; misguided quantities and types can disturb the epoxy's curing process. And, in general, use inorganic pigments such as metal oxides. Organic compounds are available and can provide strong colors, but they must be mixed into the epoxy by the manufacturer. Cement and mortar tints also work satisfactorily.

- When finishing an epoxy-treated piece that will be visible and stained, the surface can be textured to emulate wood grain.❖

Who's On These Sourcelists:

Companies listed in the "Wood Restoration Materials SourceList" (p. 22) manufacture either wood stripping products and accessories or epoxies and accessories; we limited the list to these two aspects of wood restoration to keep the list manageable. In the "Woodwork Repair, Restoration, and Refinishing SourceList" (p. 18) you'll find paint stripping and woodwork refinishing services, as well as millwork companies, who will duplicate wood elements — plus companies who perform all the above tasks. (For a more comprehensive look at millwork sources, see the March/April 1991 issue.)

WOODWORK RESTORATION & DUPLICATION PORTFOLIO

For more information on these companies, consult the SourceList.



SPECIALTY GLAZING & SUPPLY rebuilt decrepit windows for Burnham & Root's Rookery in Chicago. Write in No. 757



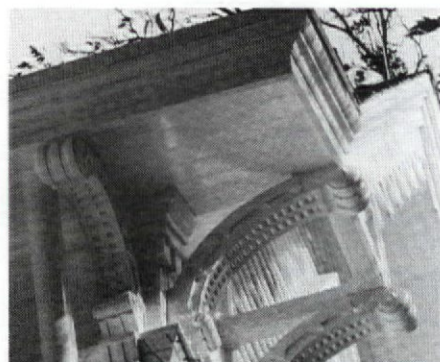
ARCHITECTURAL REFINISHING removed a thick crust of white paint from this corbel at Yale University. Write in No. 724



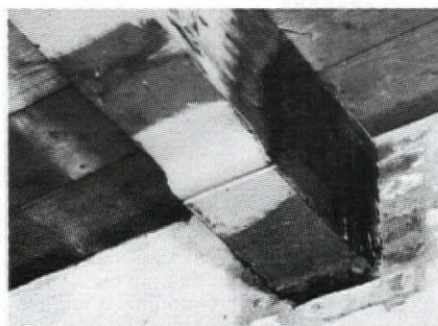
Craftsman from **CONSERVATION SERVICES** applies epoxy repairs to a badly deteriorated windowsill and frame. Write in No. 175



The interior of the Cathedral of St. John the Baptist in Paterson, N.J., restored by **WARWICK REFINISHERS**. Write in No. 835



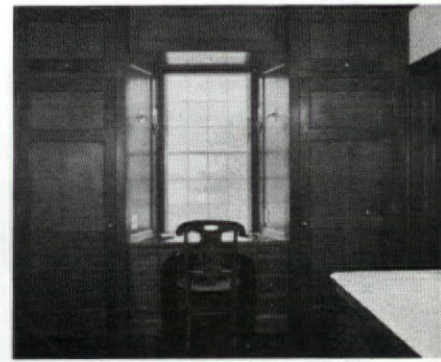
CENTRAL PLAINS MILLWORK replicated gingerbread for the Harry S. Truman home in Independence, Missouri



The Beta epoxy system, available through PRG and employed by **DELL CORP.**, restored this deteriorated beam. Write in No. 671



DUMOND CHEMICALS' Peel Away at work on a pair of fluted columns. Write in No. 669



DOUGLAS GEST RESTORATIONS built a mahogany dressing room with kneehole desk. Write in No. 732

continued on page 21

COMPLETE WOOD RESTORATION

For 7 years, we have offered the finest interior restoration services, including:

- On-site paint removal
- Woodwork repair and duplication
- Floor restoration
- Plaster walls & moldings
- Wood refinishing
- Landmark projects

I personally supervise each job, making sure that quality control is up to my exacting personal standards. Call me for an analysis and quote on your current project.



Hal Peller
Hal Peller
President
Allstrip, Inc.

ALLSTRIP, INC.

Member: N.Y. Landmarks Conservancy
71 Third Street, Dept. TB
Brooklyn, NY 11231
(718) 596-7823
FAX (718) 596-8507

WRITE IN NO. 816

WEST SYSTEM[®]

EPOXY

A versatile two-part epoxy for bonding and coating wood. Ideal for repair and reconstruction projects where moisture resistance and high strength are priorities. Write for your free catalog.

GOUGEON BROTHERS, INC.

Dept. 71
P.O. Box X908
Bay City, MI 48707
(517) 684-7286

WRITE IN NO. 814

Architectural Millwork



Since 1937

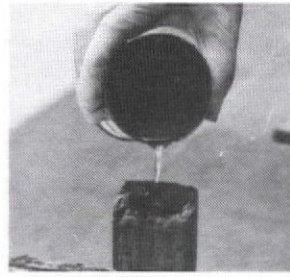
2220 Horseshoe Rd., Lancaster, PA 17601
717/397-3768

WRITE IN NO. 536

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.

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

ARCHITECTURAL RESTORATION/REFINISHING

From an Entire House to a Single Piece of Furniture

- Finishing of New Woodwork
- Structural Repairs
- Fabrication of Architectural Details
- Specialized Finishing Techniques including French Polishing
- Color Correction—Matching New to Old
- Available for Consultation (Insurance/Estimates)

155 WEST 20 STREET NEW YORK, NY 10011
212 924 2883

ANGLO
INSCAPE
INC.

WRITE IN NO. 817

7 Reasons Why YOU SHOULD USE

STYLE-MARK[™] Formed Millwork

- 1 Won't rot or decay. Won't crack splinter or shrink. No insect problems or mildew.
- 2 Over 600 items in stock for fast shipping (1 Week).
- 3 Low Maintenance No Call Backs!
- 4 Easy to install with nails and adhesive.
- 5 No charge to "rout" for siding. No J channel needed.
- 6 Comes pre-finished (white) with a 5 year warranty. Day Shipping Dates. Don't wait weeks to finish your project.



P.O. Box 186 • 100 Parks Rd.
Ceci PA 15321 • 800-837-7348

WRITE IN NO. 822



TRADITIONAL BUILDING'S WOODWORK REPAIR, RESTORATION & REFINISHING *SourceList*

CSI# 06400

■ BY EVE M. KAHN

COMPANY	LITERATURE	SPECIALTY	NO. EMPLOYEES
Allstrip 71 3rd St., Dept. TB Brooklyn, NY 11231 718-596-7823	Free <i>Write in No. 816</i>	Full-service restoration company that works mainly in the New York area and specializes in refinishing and repairing woodwork in historic buildings; has worked on Ellis Island, the Cooper-Hewitt Museum, and numerous churches and civic structures.	11
American Custom Millwork 3904 Newton Rd., Dept. TB Albany, GA 31706 912-888-3303	Free	Wide variety of millwork in American hardwoods, including mantels, molding, baseboards, door and window casings, cornices, cabinetry, and paneling; 50% custom. Installation and design services available.	25
Anglo Inscape 155 W. 20th St., Dept. TB New York, NY 10011 212-924-2883	Free <i>Write in No. 817</i>	British-trained woodwork craftsman; has restored, custom fabricated, and refinished commissions from furniture to entire interiors, mainly for historic structures in New York City area.	2-4
Architectural Refinishing 12 Orchard Ln., Dept. TB Old Saybrook, CT 06475 203-399-5122	Free <i>Write in No. 724</i>	Refinishing specialist with extensive experience on 18th- and 19th-c. buildings. Can work with epoxy and preserve original finishes or strip and color match to exact specifications. Building types include churches, historic theatres, and new construction.	1
Kenneth Brown Custom Woodworks 4 Westminster Cartway, Dept. TB Simsbury, CT 06070 203-651-9095	Free	20 years experience in making all kinds of custom woodwork, as well as stock mantels, molding, paneling, wainscoting, door and window trim, and rosettes in poplar, oak, cherry, walnut, and Honduras mahogany.	5
Carpenter and Smith Restorations Box 504, Dept. TB Highland Park, IL 60035 708-831-5047	Free <i>Write in No. 841</i>	All-custom woodwork repair and fabrication shop; works on interiors and exteriors, on either traditional new construction or vintage buildings; specializes in historic residential and civic structures and museums.	2 to 6
Central Plains Millwork Box 83679, Dept. TB Lincoln, NE 68501 402-475-6370	Free	Supplies millwork mainly for new commercial buildings; some remodeling, some restoration. Replicated gingerbread for Harry S. Truman home in Missouri. Other specialties include cabinetry, molding, casework, and doors and windows.	33
Conrad Schmitt Studios 2405 S. 162nd St., Dept. TB New Berlin, WI 53151 800-969-3033	Free	Major firm with over 100 years' experience restoring woodwork in theatres, hotels, churches, and large civic buildings across the country. Recent commissions: Stone Manor in Lake Geneva, Wisc., and the Milwaukee Common Council Chambers.	50
Conservation Services 8 Lakeside Tr., Dept. TB Kinnelon, NJ 07405 201-838-6412	Free <i>Write in No. 175</i>	Architectural conservators specializing in log, timber and frame restoration throughout the U.S. Also extensive experience with epoxy stabilization of windows, doors, columns, trim, and framing and structural elements.	3
Davenport Mill 131 Marine View, Dept. TB Davenport, CA 95017 408-425-8577	Free <i>Write in No. 836</i>	Small millwork shop equipped with numerous antique machines. Mainly doors and windows for high-end residences; extensive restoration experience.	10
Dell Corp. Box 1462, Dept. TB Rockville, MD 20849 301-279-2612	Free	Restoration contractors whose specialties include woodwork repair and refinishing; and using epoxy for structural repairs, surface work, and recreating ornament. Landmark projects range from stabilizing timbers on an 1813 brig to refinishing walnut-paneled offices at the U.S. Justice Department.	6
Des Roches & Co. 2932 N. Webster Ave., Dept. TB Indianapolis, IN 46219 317-545-0678	None	Shop specializing in custom millwork for commercial buildings: Reception areas, paneling, and historic storefronts. Also high-end residences. Will install. Wood type as specified; also laminates and synthetics.	14
DHM Cabinetmakers Rte. 4, Box 173, Dept. TB Floyd, VA 24091 703-745-3825	Free <i>Write in No. 493</i>	Custom woodwork includes moldings, flooring, casing, paneling, doors, carving, and casework. Uses traditional construction techniques and finishes; will duplicate existing work.	13
Dodge, Adams & Roy 278 Court St., Dept. TB Portsmouth, NH 03801 603-436-6424	Free	Restoration contractors with extensive woodwork experience: Have worked on residences, museums, churches, and other historic buildings mainly in New England. Unusual assignments include repairing a timber dam in New Hampshire.	10
Falls Lumber and Millwork 723 E. Tallmadge Ave., Dept. TB Akron, OH 44310 216-762-5333	None	Family-run millwork source: Specialties include cabinetry and molding, mainly for high-end homes, schools, and churches.	40
Douglas Gest Restorations Box 832, Dept. TB Norwich, VT 05055 802-649-2928	Free <i>Write in No. 732</i>	Full-service restoration firm that uses traditional methods and materials; specialties include replication of doorways, windows, mantels, paneling, and wainscoting as well as on-site woodwork restoration.	10
Glenco Construction Dept. TB Hudson, NY 12534 518-851-7198	Free <i>Write in No. 823</i>	Full-service restoration firm with extensive woodwork experience, mainly on historic residential and institutional buildings. Specialties include matching stains; fabricating gutters, columns, and pilasters; and milling molding, with large collection of antique profiles.	10
Huggler-Wyss America 541 S.W. Pacific Ave., Dept. TB Willmar, MN 56201 612-235-6020	Free <i>Write in No. 839</i>	Swiss-trained wood sculptor who carves, restores, finishes woodwork; will work on-site, and past projects range from interiors of National Trust 18th-c. English estates and Victorian bars to fine furniture.	2
Johnson Woodworks 1953 Airway Ct., Dept. TB New Lenox, IL 60451 815-485-4262	Free	Restores and fabricates woodwork; fabricates mainly for commercial buildings, including paneling, doors, stairs, and casework. Will strip, refinish, recondition on-site; can match colors, and minimizes disruption.	5
Dimitrios Klitsas 705 Union St., Dept. TB W. Springfield, MA 01089 413-732-2661	Free <i>Write in No. 738</i>	Intricate custom wood hand carvings for architectural embellishment, furniture, frames, panels, etc. Carvings in any style, any wood, any size specified.	3
Kreider Brothers Inc. 2220 Horseshoe Rd., Box 10065, Dept. TB Lancaster, PA 17605 717-397-3768	Free <i>Write in No. 536</i>	54-year-old, family-run millwork and cabinetry manufacturer: specialties include doors, windows, moldings, paneling, cabinets, stairs, and trim.	30

ANTIQUÉ REFINISHERS WOOD CLEANER CAN OFFER AN ALTERNATIVE TO STRIPPING WOOD

Very often antiques, oak floors, paneling, cabinets, etc. don't have to be stripped to regain their original beauty.

Antique Refinishers Wood Cleaner will restore wood to its original lustre by carefully removing years of grease, dirt, grime and silicones as long as the finish is intact.

Non-abrasive. Works like a miracle.



WOOD CLEANER KIT.
Includes 14 oz. jar of Wood Cleaner and fine steel wool for application.
\$6.98 plus \$2.00 shipping and handling
Also available in gallons.

AVAILABLE AT YOUR LOCAL
ANTIQUÉ SHOP OR PAINT STORE
OR ORDER FROM

RELIABLE
FINISHING PRODUCTS

2625 Greenleaf Ave.

Elk Grove, IL 60007

708-228-7667



WRITE IN NO. 830

OLD WOOD MADE NEW

Restoration ■ Renovation ■ New Construction

- Doors & Windows
- Interior & Exterior
- Millwork
- Cabinetry
- Bookcases
- Paneling
- Ornamental Metal



- Ornamental Plasterwork
- Straight Plasterwork
- Epoxy Consolidation
- Dutchmen
- Faux Finishes
- Exclusive Residences
- Sacred Buildings



STAHL RESTORATIONS



Experienced with Landmark projects. Call John Stahl for a quote on your current project.

P.O. Box 1991 Hoboken, NJ 07030 201-659-6754

WRITE IN NO. 833

RESTORATION WOODWORK

Custom Architectural Millwork produced in the traditional manner on restored turn-of-the-century equipment:

- Moldings •
- Doors & Windows •
- Wainscotting •
- Curved Work •

Discuss your needs with people who really understand both traditional craftsmanship and the demands of contemporary scheduling.

Davenport Mill

133 Marine View, Dept. TB
Davenport, CA 95017

408-425-8577

FAX: 408-425-0906

WRITE IN NO. 836

ARCHITECTURAL FINISHING & REFINISHING

Interior — Exterior
Commercial — Residential

Specializing in:

- State-of-the-Art stripping and finishing techniques
- Antique restoration and repair

Fully Insured

Peter Gedrys
12 Orchard Lane
Old Saybrook, CT 06475
(203) 399-5122

WRITE IN NO. 724

WE CAN STRIP A ROOM OF PAINTED WOODWORK IN AN 8 HOUR DAY.

and so can you!

with our
**PAINTBUSTER'S
ARCHITECTURAL
STRIPPER BRAND**®

A UNIQUE SYSTEM FOR STRIPPING LARGE
AREAS OF WOODWORK AS EASILY AS A
TABLETOP!
NOW FOR DO-IT-YOURSELFERS.

- NON-FLAMMABLE
- NON-CAUSTIC
- FASTEST ACTING
- LIFTS PAINT
- PULLS STAIN
- REMOVES ALL WHITE "HAZE"
- DISSOLVES VARNISH IN MINUTES - STAYS DISSOLVED FOR HOURS
- WASHES AWAY IN WATER COMPLETELY
- WON'T DISSOLVE GLUE OR FINISHERS
- SYSTEM ALLOWS TOTAL-IN-PLACE STRIPPING, EVEN IN A CARPETED, FINISHED ROOM
- MONEY BACK GUARANTEE

DO YOURSELF A FAVOR; BEFORE YOU BUY YOURSELF ANOTHER GALLON OF HARDWARE STORE STRIPPER OR WASTE ANOTHER HOUR HEAT GUNNING, SEND FOR YOUR KIT TODAY

STARTER KIT:
1 gallon, brush, book & samples.
ppd \$35

SERIOUS KIT:
5 gal., brush, scrub brush, roll tape, book \$145

ON SITE WOOD RESTORATION

138 WOOLPER AVE. CINTL., OH 45220

513-541-4545

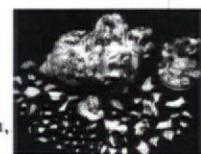
NEW VIDEO \$19.95

WRITE IN NO. 828

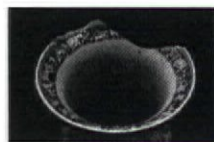
EPO-TEK 301 and 301-2 epoxies dry clear and hard to repair or restore valuable antiques and artifacts without altering the original piece.



Its uses include (but are not limited to) restoration or repair of wood, ceramics, stone, porcelain, china and glass. The epoxy can be used to coat surfaces or to penetrate and bond porous materials and cracks in nonporous materials.



Clear epoxies for repair or restoration.



Both are two part, optically transparent epoxy systems with very low viscosities (comparable to water), and room temperature cure. When cured, they become extremely strong, hard, clear plastics with excellent bond strength.

epoxy
technology
inc



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

WRITE IN NO. 797



DOUGLAS GEST RESTORATIONS, INC.



The
Joiners
Shop

Architectural
Restorations
Reconstructions
Reproductions

Box 832, Norwich, VT 05055

(802) 649-2928

WRITE IN NO. 732



TRADITIONAL BUILDING's WOODWORK REPAIR, RESTORATION & REFINISHING *SourceList*

CSI# 06400

■ BY EVE M. KAHN

COMPANY	LITERATURE	SPECIALTY	NO. EMPLOYEES
Larkin Co. 210 Carter Dr., Ste. 4, Dept. TB West Chester, PA 19382 215-696-9096	Free brochure; \$6 (re-fundable) for full catalog.	Woodwork shop that specializes in mantels, wainscoting, paneling, molding, pilasters, pediments, interior and exterior shutters. Will fabricate from their stock designs or work from photos or drawings.	5
Magic Brush 1500B Davidson Ave., Dept. TB San Francisco, CA 94124 415-641-8622	Free	Refinishing specialists, mainly for residences in the Bay area. Will restore existing surfaces, perform minor carpentry, and use epoxies on exteriors, and will strip and refinish interiors.	15
Maple Grove Restorations Box 9194, Dept. TB Bolton, CT 06043 203-742-5432	Free <i>Write in No. 563</i>	Small shop which concentrates on raised-panel wainscoting, paneling, and shutters; uses traditional construction methods and will restore on site; works primarily in New England.	3
McBeth Millwork Box 1938, Dept. TB Abilene, TX 79604 915-677-8856	None	Shop works mainly on windows, doors, and moldings for restoration projects. Primarily commercial and institutional clients, including museums, courthouses, and the infamous Texas School Book Depository.	6
McDan Woodworking 374 E. Broad St., Dept. TB Gibbstown, NJ 08027 609-423-5337	None <i>Write in No. 777</i>	Replication of historic woodwork: Wainscoting, paneling, pilasters, capitals, windows, frame and panel doors, and keystones and other hand-carved details. Radius work a specialty.	3
Meeting House Furniture Restoration 11 Waterman Hill, Dept. TB Quechee, VT 05059 802-295-1309	Free	Conserves, repairs, strips, restores, and refinishes architectural woodwork. Can replace missing pieces with handmade components (takes less time than setting up elaborate machinery). Works mainly on Colonial homes in New England.	3
Matthew J. Mosca Paint Research 2513 Queen Anne Rd., Dept. TB Baltimore, MD 21216 301-466-5325	Free	Will research historic finishes on woodwork, including colors and chemicals, and will mix custom finishes and consult on application.	1
Nelson's Construction Co. 38 Crosman Ave., Dept. TB Swampscott, MA 01907 617-598-4413	None	3rd-generation fine woodworking shop; specialties include stairs, moldings, trim, paneling, and cabinetry, for residential or commercial buildings. Can match any existing work.	5
Oakwood Woodworks 5 Pinehill Dr., Dept. TB Pittsford, NY 14534 716-381-6009	Free <i>Write in No. 827</i>	Millwork for restoration and new construction. Specializes in moldings, doors, window and door trim, chair rails, baseboards, cornices, rosettes, and plinth blocks. Keeps setup and knife-grinding fees low, for matching existing patterns.	5
On Site Wood Restoration 138 Woolper Ave., Dept. TB Cincinnati, OH 45220 513-541-4545	Free <i>Write in No. 828</i>	Paint stripping service that works mainly in the Cincinnati area; has removed paint from woodwork in hundreds of homes, and also distributes Paintbusters stripper and accessories.	5
Owl Ridge Woodworking RR 1, Box 362, Dept. TB Paoli, IN 47454 812-723-3461	None	Supplies custom woodwork to central and southern Ind. and northern Ky. area; specialties include doors, paneling, mantels, molding, cabinetry, flooring, and furniture. Can handle projects from small runs to million-dollar homes.	3
Restorations Unlimited 24 W. Main St., Dept. TB Elizabethville, PA 17023 717-362-3477	None	Full-service restoration firm with own 9000-sq.ft. millwork shop; specializes in quick setups of short runs. Fabricates moldings, paneling, sash, chair rails, and the like; has unusual native wood types in stock.	11
Restoric 69 Coventry Loop, Dept. TB Staten Island, NY 10312 (718) 356-0077	Free <i>Write in No. 838</i>	Specialty contracting company that does repair and restoration of architectural millwork and re-creation of architectural ornament. Experienced with epoxy repairs of woodwork.	3
Specialty Glazing & Supply 150 N. Schuyler Ave., Dept. TB Kankakee, IL 60901 815-937-5101	Free <i>Write in No. 757</i>	11-year-old specialists in rebuilding or remilling damaged historic windows; can also rework units for insulated glass. Epoxy craftsmen rebuild original profiles in restoration shop. Major recent projects include Burnham & Root's 1888 Rookery in Chicago.	12
Stahl Restorations Box 1991, Dept. TB Hoboken, NJ 07030 201-659-6754	Free <i>Write in No. 833</i>	Full-service restoration firm specializes in patching, repairing, and refinishing interior and exterior woodwork; also builds and installs cabinetry and installs other forms of millwork.	5
Strasser & Associates 35 Hillside Ave., Dept. TB Monsey, NY 10952 914-425-0650	Free	Designs, consults, fabricates, installs, and finishes high-end woodwork. Has worked on numerous period rooms in museums and homes in New York City area.	12
Sunshine Architectural Woodworks 2169 Sunshine Dr., Dept. TB Fayetteville, AR 72703 501-521-4329	Free	All kinds of millwork, especially mantels, panels, moldings, arches, rosettes, keystones, and shutters.	35
Wayne Towle 8 Thayer St., Dept. TB Boston, MA 02118 617-423-2902	Free	Refinishing specialists who can strip, refinish, restore, replace missing elements using traditional techniques; for residential buildings as well as churches, hotels, restaurants, and civic structures.	15
Traditional Line 143 W. 21st St., Dept. TB New York, NY 10011 212-627-3555	Free	Preservation/restoration firm specializing in fine woodworking and finishing (modern and 19th-c. techniques), museum-quality period rooms, consultations, furniture restoration. Expertise includes hardware, condition reports, reproductions, carving, coordination of mechanical and other trades, large or small projects.	22
Warwick Refinishers Box 35, Dept. TB Warwick, NY 10990 914-342-1200	Free <i>Write in No. 835</i>	Refinishing specialists: Has worked on hundreds of churches around the country with minimal disruption. Recent clients include New York City's Morgan Library and U.S. Courthouse, the Library of Congress, and the New Jersey Statehouse.	35
West Gate Cabinet & Millwork 862 W. 13th Ct., Dept. TB Riviera Beach, FL 33404 407-842-1701	Free	Builds cabinetry, nonstandard windows and doors, cornices, and moldings for high-end residences and commercial buildings; often asked to duplicate existing work.	15

WOODWORK RESTORATION & DUPLICATION PORTFOLIO

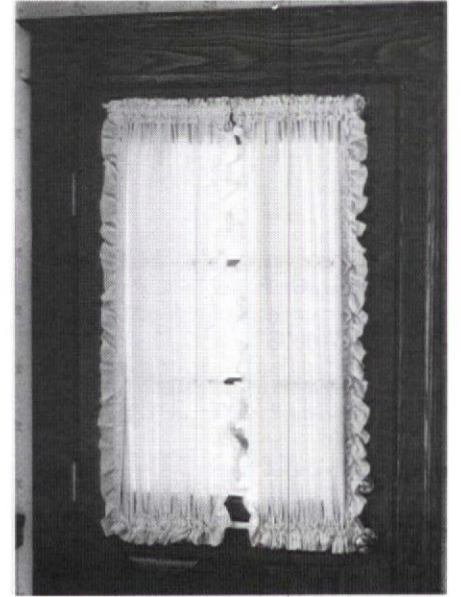
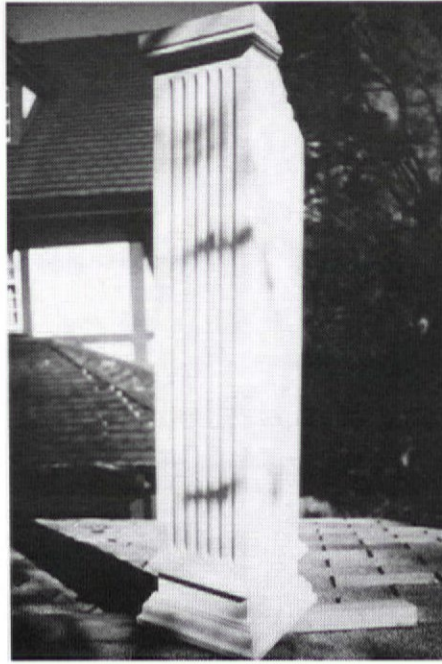
For more information on these companies, consult the SourceList (continued from page 16).



MEETING HOUSE FURNITURE RESTORATIONS refinished these kitchen cabinets, made of 1832 Congregational pews (photo: Charles Parker)



MCDAN WOODWORKING replicated this decrepit fluted column. Write in No. 777



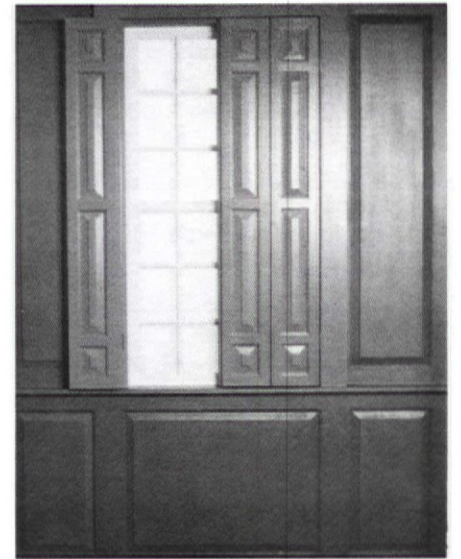
Door trim by **OAKWOOD WOODWORKS**. Write in No. 827



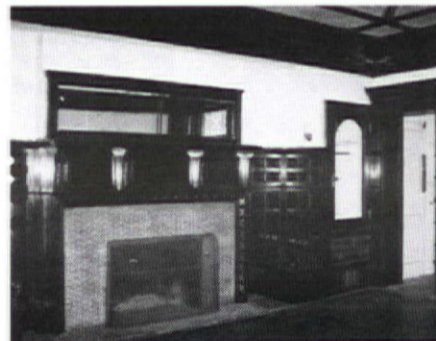
TRADITIONAL LINE restored interior woodwork for a residence in the Dakota apartment house in Manhattan



GLENCO restored this room full of Georgian woodwork (photo: Carl Black) Write in No. 823



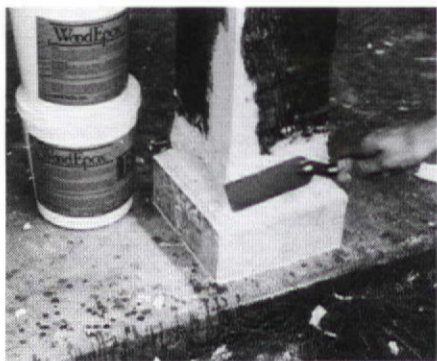
MAPLE GROVE RESTORATIONS specializes in raised-panel woodwork and shutters. Write in No. 563



ANGLO INSCAPE has restored this Victorian mahogany woodwork in a Manhattan residence. Write in No. 817



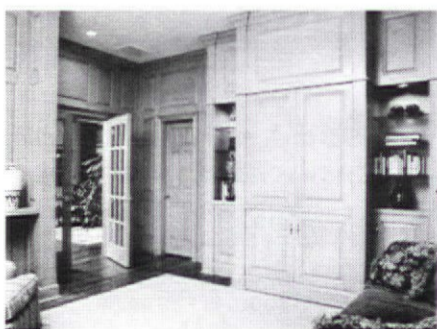
A paneled library/office by **KREIDER BROTHERS**. Write in No. 536



ABATRON's WoodEpoxy rebuilt the base of this timber column. Write in No. 130



MAGIC BRUSH restored the redwood woodwork in Bernard Maybeck's 1909 Leon K. Roos house in San Francisco



KENNETH BROWN CUSTOM WOODWORKS disguised an entertainment center with oak paneling



An arched Victorian window overhauled by **STAHL RESTORATIONS**. Write in No. 833



TRADITIONAL BUILDING's SourceList of WOOD RESTORATION MATERIALS

CSI# 06400

■ BY EVE M. KAHN

COMPANY	LITERATURE	SPECIALTY	MATERIALS
Abatron 33 Center Dr., Dept. TB Gilberts, IL 60136 708-426-2200	Free <i>Write in No. 130</i>	Largest supplier of epoxy for restoration market. Ratio of resin to hardener: 1:1, which makes measuring easy. Various cure times. Brand names: LiquidWood and WoodEpox. Also fiberglass rods, dry pigments, application tools.	Epoxy and accessories
Allied Resin Weymouth Industrial Park, Dept. TB East Weymouth, MA 02189 617-337-6070	Free	Distributes several types of epoxy; Arcon E-150, 151, 152, and 154 primarily for casting and bonding; for wood restoration, Arcon Seep-N-Seal soaks into wood, so rebuilds profile as well as seals out moisture. Mixing ratio: 8:1. Also two types of fairing compound.	Epoxy
Conservation Services 8 Lakeside Tr., Dept. TB Kinnelon, NJ 07405 201-838-6412	Free <i>Write in No. 175</i>	Distributes epoxy for stabilizing and repairing decayed wood. Epoxies developed for historic structures include consolidant, patch, adhesive, and structural repair.	Epoxy
Creative Technologies NCNB Plaza, Suite 300, Dept. TB Greenville, SC 29601 803-271-9194	Free	Manufactures "Woodfinisher's Pride," a paint and varnish stripper that does not damage grain or veneer and poses minimal health and environmental hazards. Works on latex or oil paint, polyurethane, varnish, or shellac; recyclable package.	Paint/clear finish stripper
Dell Corp. Box 1462, Dept. TB Rockville, MD 20849 301-279-2612	Free	Restoration contractors who also distribute Beta epoxy system: Structural epoxy, low-viscosity consolidant, filler, and Rottex, a two-part paste best suited for cosmetic work.	Epoxy
Dumond Chemicals 1501 Broadway, Dept. TB New York, NY 10036 212-869-6350	Free <i>Write in No. 669</i>	"Peel Away" paint removal system: A paste covered with fabric that soaks into paint and is then lifted away. Especially suited for intricately ornamented surfaces and for lead abatement; no fumes, no flammable solvents, and leaves residue that can be washed away. 6 formulas; use only #1, 3, or 6 on wood.	Paint stripper
Epoxy Technology 14 Fortune Dr., Dept. TB Billerica, MA 01821 508-667-3805	Free <i>Write in No. 797</i>	Epoxies mainly for high-tech industries that also have restoration applications; Epo-Tek 301 has been used to consolidate fine furniture as well as a totem pole at the Smithsonian Institution and a war canoe at the Fuji Museum.	Epoxy
Gougeon Brothers 100 Patterson Ave., Dept. TB Bay City, MI 48706 517-684-7286	Free <i>Write in No. 814</i>	Largest supplier of epoxies for marine use. Line includes resin, hardener, fillers, pigments, and strengthening agents as well as application aids: Pans, brushes, syringes, gloves, solvents, and skin creams.	Epoxy and accessories
Industrial Sales Assocs. 39 Henry J. Drive, Dept. TB Tewksbury, MA 01876 508-851-9494	Free	Distributes CIBA-GEIGY's Araldite AV 1253 with Hardener HV 1253, a fast-curing epoxy system whose results are mahogany in color and can be drilled, carved, or sawn. 1:1 ratio for easy mixing.	Epoxy
Klean-Strip Box 1879, Dept. TB Memphis, TN 38101 901-775-0100	Free	Manufactures Easy Off Paint Stripper, which does not harm veneer if properly applied and also works on most clear finishes. Also sprayable, semi-paste, and liquid paint removers and application tools.	Paint/clear finish stripper and accessories
Nu-Tec Industrial Chemical Mfg. 422 Harrison, Dept. TB Bay City, MI 48708 800-523-4114	Free	Manufactures paint and clear finish strippers that contain no methylene chloride or other health hazards; are reusable in some circumstances. No-Swett removes clear finishes, Paint Buster works on paint; spray system and paint-stripping training classes also available.	Paint/clear finish stripper
On Site Wood Restoration 138 Woolper Ave., Dept. TB Cincinnati, OH 45220 513-541-4545	Free <i>Write in No. 828</i>	Distributes Paintbusters stripper, which has a honey-like consistency; stays where it is spread, works quickly, and washes off easily. Also brushes and other application tools.	Paint stripper and accessories
Poxywood Box 4241, Dept. TB Martinsville, VA 24115 703-638-6284	Free	"Patented super putty wood paste": Non-shrinking, fast-setting, waterproof; can be sawn, planed, drilled, sanded; good adhesion and finishability. Can be tinted with Poxywood tinting concentrates.	Wood putty
PRG, Inc. Box 1768, Dept. TB Rockville, MD 20849 301-309-2222	Free <i>Write in No. 671</i>	Supplier of preservation products, instruments, and tools including Beta Epoxies. Both a Structural Epoxy System and a low-viscosity consolidant and filler that can be tooled. Also Borate Rods, made of borate fungicide and insecticide (non-toxic to animals and humans, arrests and prevents wood deterioration).	Epoxy
Reliable Finishing Products 2625 Greenleaf Ave., Dept. TB Elk Grove, IL 60007 708-228-7667	Free <i>Write in No. 830</i>	Offers Antique Refinishers Wood Cleaner, which is applied with fine steel wool and can serve as an alternative to stripping; removes grease, grime, wax, oil, dirt, silicone. Also full line of refinishing products, including stripper.	Wood surface cleaner, paint/clear finish stripper
D.E. Stanley Industries 2435 Wheeler Rd., Dept. TB Bay City, MI 48706 800-762-8184	Free <i>Write in No. 834</i>	Manufactures Take-It-Off, a liquid or semi-paste stripper with no methylene chloride. Preserves patina, needs no neutralizer, and in liquid form can be reused.	Paint/clear finish stripper
Sterling-Clark-Lurton 184 Commercial St., Box J, Dept. TB Malden, MA 02148 617-322-0163	Free	Manufactures nonflammable paint and clear finish remover, along with various refinishing products.	Paint/clear finish stripper

Carpenter & Smith Restorations
"Since 1972"
Box 504, Dept. TB
Highland Park, IL 60035
Phone & Fax: 708-831-5047

Woodworkers expressly involved in home restoration/renovation.

- In shop mill services
- On-site applications

"From structure to ornamentation uniquely qualified to perpetuate the past."

WRITE IN NO. 841

FIRE RETARDANT LUMBER
without pressure treating
An All-New Process

- Lower Cost
- Non-Toxic
- Non-Allergenic
- Non-Corrosive
- Light Weight
- Bio-Degradable

NEW ENGLAND FIRE PREVENTER
Box 936 Putney, VT 05346
(800) 368-4226

WRITE IN NO. 840

Frederick Wilbur
WOODCARVER

- ARCHITECTURAL CARVING
- HISTORICAL OR CONTEMPORARY
- HAND-CARVED MILLWORK
- RESTORATION EXPERIENCE

P.O. Box 425 Lovingsston, VA 22949
(804) 263-4827

WRITE IN NO. 752

RESTORIC
Historical Restoration Company, Inc.

Wood Restoration and Replication Services
Windows & Doors
Stained Glass Windows
Ornamental Trim
Roofs & Cornices
Porches

69 Coventry Loop, Staten Island NY, 718-356-0077

WRITE IN NO. 838

Quality, Professional Woodwork Refinishing

Specialists in on-site refinishing of woodwork, courtrooms, banks, libraries, more. Projects are completed on time and as promised.



Warwick Refinishers

The landmark refinishers

Current Projects: International Bank of China (N.Y. City), U.S. Courthouse (N.Y.C.), N.J. Capitol Bldg. (Trenton), Library of Congress (D.C.), Morgan Library (N.Y. City) and others throughout the Northeast.

Please call for a consultation and a quote.

WARWICK ARCHITECTURAL WOODWORK REFINISHERS

P.O. Box 35, Warwick, New York 10990

Phone: (914) 342-1200, Toll Free: (800) 342-WAWR

WRITE IN NO. 835

PEEL AWAY™

PEEL AWAY PAINT REMOVAL SYSTEMS

WORLD WIDE PATENTS GRANTED OR PENDING. US PATENT NO. 4426250

THE OBVIOUS SOLUTION FOR RESTORATION PROBLEMS

The PEEL-AWAY Paint Removal System is a unique package of specially developed chemicals, machinery and expertise designed to remove multiple layers of paint efficiently and safely from most surfaces. Up to **thirty (30) coats** of paint have been removed in a single application and there are **NO FUMES AND NO FLAMMABLE**

SOLVENTS. PEEL-AWAY works well on most surfaces ie: **wood, plaster, brick, masonry, cast iron, marble, fiber glass**, etc. It is especially effective in removing paint from intricate detailed and carved areas. It is the safest system for removing old lead based paint.

DUMOND CHEMICALS INC.

1501 Broadway, New York, N.Y. 10036
(212) 869-6350

WRITE IN NO. 669

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

TAKE-IT-OFF

Paint and Varnish Remover

---Takes Off---

All Types of Paint ★ Varnish ★ Lacquer ★ Enamels
Urethans ★ Lead Base ★ Imrons ★ Anti-Foul ★ Most Stain

---From---

Furniture ★ Floors ★ Woodwork ★ Metal ★ Fiberglass ★ Cars
Most Plastics ★ Airplanes ★ Boats ★ Signs ★ Cabinets

---Will Never---

Burn the Skin ★ Raise the Grain ★ Harm Veneers
Harm the Patina ★ Harm Glue Joints ★ Need Water Wash
Harm Metal ★ Need Neutralizing ★ Harm Fiberglass

---Most Important---

No Methylene Chloride ★ No Caustics ★ No Acids
Non-Carcinogenic ★ Guarantee-Proven Products
Goof-Proof ★ Systems for Professionals & Amateurs

*** Buy Wholesale ***

1st Quality — Virgin Materials — As Low As \$5.50 per gal.
Formerly Nu-Way, Member Chemical Manufacturers Assoc.

D. E. Stanley Industries Inc.

2435 Wheeler Rd., Bay City, MI 48706
1-800-762-8184 or 517 / 686-3530

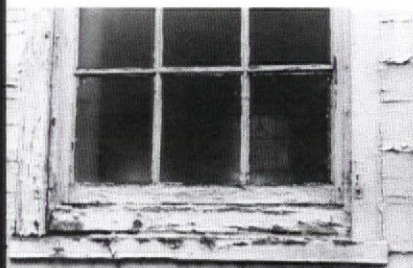
WRITE IN NO. 834

EPOXIES

For Historic Structures

Cosmetic / Structural
Repairs to Wood

Consolidants • Patches
Adhesives • Structural Epoxies



ConServ Epoxies were developed for wood restoration with historic structures. Architectural conservators on staff are experienced in the epoxy stabilization of windows, doors, columns, trim, decorative and structural elements.

Conservation services are specialists with log, timber and frame structures.

Call / fax / write for brochure.

- Products
- Consulting
- Contracting
- Training

Conservation Services

8 Lakeside Trail Kinnelon, NJ 07405
Phone / Fax (201) 838-6412

WRITE IN NO. 175

Division 7: MOISTURE PROTECTION

A New Concept in Slate Roofing BritSlates

UNIFORMITY

BritSlates are made from 100% slate particles... re-formed under tremendous pressure into natural looking slate tiles.

COLORS

Black, grey, green and heather (a very dark red). Color throughout. Highly resistant to U.V. fade.

SIZES

10" x 20" or 12" x 24". Uniform in thickness 3/16" plus. Do not require pre-sorting. Normally pre-drilled for 3" headlap.



MOISTURE ABSORPTION

Nil. Will not permit fungus, moss or other organic growth. High strength characteristics.

INSTALLATION

Easier. Delightful to saw, cut, drill. Minimal breakage or waste in contrast to natural slate. Will not require highly skilled slaters. Saves time "on-the-roof."

FIREPROOF

Class "A" rated. Will not support combustion nor permit flame spread.

WEIGHT

On-the-roof, approximately 500 lbs./square.

DELAMINATION

Never! Simply will not de-laminate.

GUARANTY

Sixty (60) years barring extreme forces of nature.



647 WEST BOYLSTON STREET
WORCESTER, MA 01606

Telephone (508) 852-4888

FAX (508) 852-7224

National 1-800-328-4888

An Affiliate of BritSlate Ltd. England

WRITE IN NO. 818

**VERMONT ROOFING SLATE
MAJOR QUARRIER & PRODUCER
VERMONT PREMIUM NATURAL
ROOFING SLATE & FLOORING**

Sea Green, Grassy Green,
Mottled Purple, Heather Purple,
VT Grey Black, Truthville Red

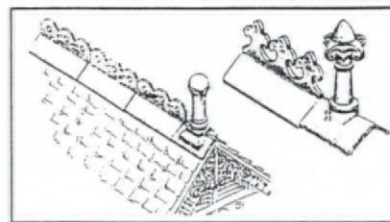
Hilltop Slate Inc.

ESTABLISHED 1948

P.O. Box 201, Dept. TB, Middle Granville, NY 12849
Tel: 518-642-2270 Fax: 518-642-1220



Decorative Victorian Style Roofing Accessories



S & H Architectural Supply Co.
Proudly introduces a range of decorative ridge tile and finial designs based on old European styles, made to be easily installed to any roof; shingle, slate, tiles, metal etc.
For more information

Call Toll Free

1-800-361-9807

**906 Line St., Easton,
PA 18042**

WRITE IN NO. 831

Quartersawn Clapboard
AUTHENTICALLY PRODUCED
COLONIAL CLAPBOARDS • RADIALLY
SAWN • SQUARED EDGE



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

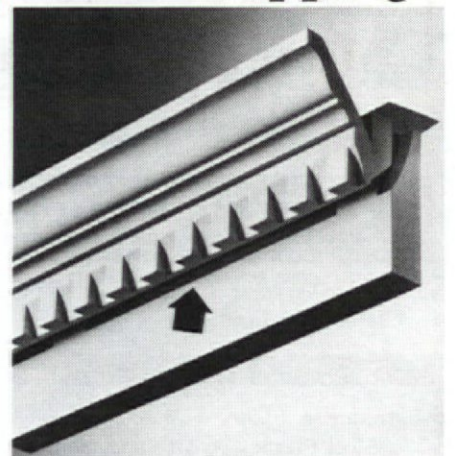


Sky Lodge Farm

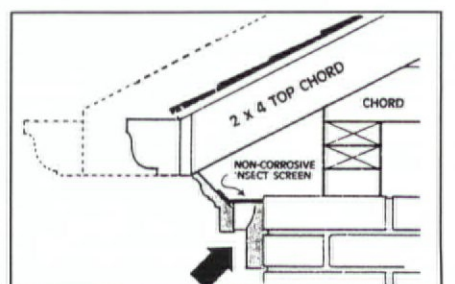
46 Wendell Road, Shutesbury, MA 01072
1-413-259-1271

WRITE IN NO. 437

**A New Take On
Eavesdropping**



Shown: GlenTec's single-unit exterior molding/vent system for installation under eaves. The prefinished (white) molded polymer system — called "E-Vent" — won't rot, crack, splinter, shrink, or mildew and has 12 sq. in. of air flow per lineal ft. of ventilation. Pre-mitred (45°) inside and outside corners available in right or left sections. There are three molding profiles: Crown dentil (above), combination crown, and massive crown. Also three sizes. For more information, contact: **Glenn Technologies, Inc., PO Box 186, 100 Parks Rd., Dept. TB, Cecil, PA 15321 (800) 837-7348. CSI# 07700 — JL Or write in No. 822**



**For The Finest Traditional Roofs:
Hendricks Handmade Concrete Roof Tiles**



Hendricks Tile is made in colors and textures selected for the individual job. Hand-finished to achieve a unique natural appearance, the tile weathers to a warm, mellow color that sets it apart from any other roofing product. The tile ages extremely well — even in freeze-thaw conditions.

First made in 1926, Hendricks Tile beautifies and protects fine homes up and down the East Coast — including Colonial Williamsburg. Call or write for full-color brochure.

Richmond Precast Concrete Products Co.

P.O. Box 37099, Dept. TB, Richmond, VA 23234 (804) 275-8262

WRITE IN NO. 634

Rogers Roofing Co., Inc.

Established 1918
251 1/2 GROVE AVENUE / VERONA, N.J. 07044
(201)744-0820 / 239-5001

- SLATE AND TILE ROOFS • CUSTOM COPPER WORK
• WATERPROOFING • WOOD ROOFS • GUTTERS AND LEADERS • CHIMNEYS
• COMPLETE EXTERIOR RESTORATION • SHEET METAL ROOFS
For Over 70 Years Quality Has Been Our First Priority

WRITE IN NO. 746

SINCE 1922



MIDLAND ENGINEERING SLATE & TILE ROOFING SPECIALISTS

52369 U.S. 33 North • P.O. Box 1019
South Bend, Indiana 46624

(219) 272-0200

WRITE IN NO. 742



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

For free product information, please fill out the enclosed postcard, or use the coupon on page 50.

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 Roofscaping™ 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

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



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: (817) 491-2444
FAX: (817) 491-2457
P.O. Box 580
Roanoke, Texas 76262

Ask for Melvin Mann

TM - Trademark of Ludowici-Celadon Co.

WRITE IN NO. 696

Div. 8: DOORS • WINDOWS

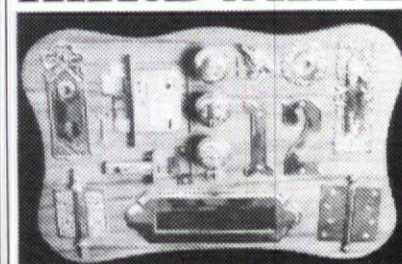
2 RESOURCES -for- CLASSIC HOMES

BATHROOM Machineries CATALOGUE



Victorian & Early American Bathroom Fixtures & Accessories
Antiques & Replicas
Hard-To-Find Parts

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.

These catalogues have complete ordering and reference information. Send \$3 for each Catalogue- indicate Victorian Hardware or Bathroom Machineries.

DEA Bathroom Machineries
Box 1020TB • Murphys, CA 95247
(209) 728-2031

WRITE IN NO. 586

Beech River Mill



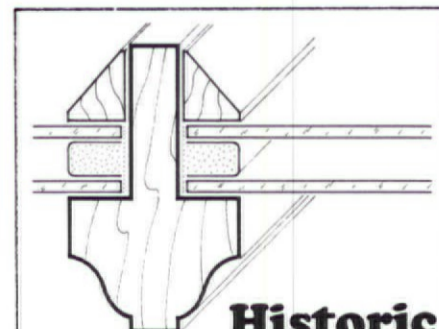
Shutters
Blinds and
Hardware
that are
history

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



Historic Wood Windows

(718) 596-2313 • Fax (718) 596-0079

WRITE IN NO. 720

special report

STORM WINDOWS: Avoiding The Moisture Trap

Storm windows are an economical way to thermally upgrade while retaining the original historic windows. However, careful detailing is required to avoid creating a condensation trap.

■ BY CLEM LABINE

When you set out to improve the thermal efficiency of windows in historic buildings, some sort of double-glazing is usually called for. Among the options you have are: (1) Installing a traditional exterior storm window; (2) Installing an interior storm window; (3) Routing out the historic sash to insert a double-glazed thermal unit (not always possible for a number of technical reasons); (4) Replacing the historic sash with a double-glazed one that preserves the historic character insofar as possible; or (5) Affixing a clear plastic panel to the interior sash. For a variety of technical and economic reasons, options (1) or (2) are the usual strategies.

A second glazing panel also provides a couple of additional benefits besides lowering energy bills: (1) More uniform heating and air-conditioning — plus elimination of drafts — adds to interior comfort; (2) Noise reduction. Storm window noise reduction is significant enough that some installations have been made primarily for their sound muffling effect.

Whether the storm window goes inside or out is usually determined by a combination of aesthetic, technical, cost, and perhaps legal factors — if the property is located in a historic district with design review or is subject to Tax Act review.

In our discussion of storm windows, we are going to omit the ubiquitous triple-track aluminum storm window for a couple of reasons: (1) They are widely available and widely used, so everyone is familiar with local suppliers; (2) the bulkiness of the triple-track frame makes it unsuitable for certain historic applications.

Exterior Storm Windows

Outside storm windows are often the best strategy when dealing with simple 1-over-1 windows. Well-designed exterior storms have a minimum impact on appearance — and have been approved by the National Park Service for use on Tax Act projects. They also protect the prime sash and paint.

Outside storms have drawbacks with multi-lite sash, however: Exterior storm panels mask the profiles and shadow lines of muntins in the prime window. When you see a flat storm panel on the exterior of a 12-over-12 sash you realize how much architectural character can be lost.

Condensation and moisture trapping is not as big a problem with exterior storms as it is with interior storms. With outside-mounting units, the cold surface is the outer storm pane. So any condensation will occur on the storm window, not the inner prime sash. However, exterior storms do need to be vented so that water vapor from the interior that leaks around the prime sash can escape.

Interior Storm Windows

Interior storm windows can be as thermally effective as exterior storms. And they have the additional advantages of not interfering with the historic appearance of the facade, are easier to remove for cleaning, etc.

For historic prime windows that have distinctive glazing bar patterns, interior storms are often the way to go. There are a variety of interior storm systems on the market, from heavy-duty aluminum-framed models glazed with glass to

lightweight PVC frames with acrylic glazing that attach magnetically, with spring-loaded clips, or with Velcro.

However, interior storms provide an increased potential for long-term damage to historic wood sash and sills from condensation. If moist air from the building's interior can infiltrate the air space between the interior storm and the prime window, condensation will occur on the prime sash because that is the cold surface. Wetting of the prime sash will cause paint staining and peeling — and eventual rotting of the prime sash and sill.

If an installation of interior storms is contemplated, careful attention should be paid to making the seal between the interior storm and the frame vapor-tight. In addition, careful caulking should be done to ensure that moist air can't infiltrate the insulating air space through the surrounding wood window frame and casing. In addition, the potential for damage caused by condensation can be lessened by opening or removing the interior storm during warm periods and allowing the prime sash and woodwork to dry thoroughly.

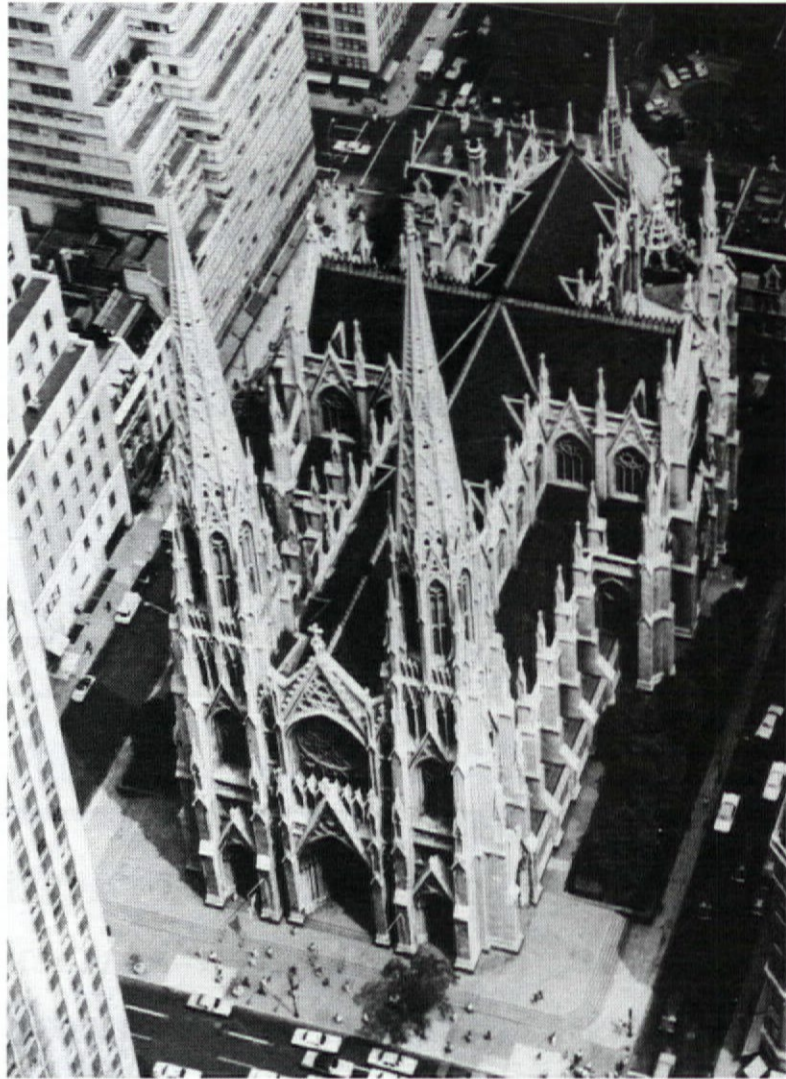
Interior storms are attracting special attention currently on conversions of factory buildings to residential space. These buildings frequently have large single-glazed steel windows, which are quite drafty. Interior aluminum storms glazed with glass have proved quite effective for these applications for several reasons: (1) They are often the most cost-effective solution; (2) Aluminum storms with glass can cover large openings; (3) They can also be made to satisfy the ventilation requirements for residential spaces.

Interior storm installations have proved an ideal application for the new low-E glass. Also, reports David Martin of Allied Window, when ordinary laminated safety glass is used on interior storm panels, it also causes about 99% reduction of the UV load — which is especially important when there are valuable textiles and papers to conserve.

Divine Intervention

Placing protective glazing over stained glass windows in religious buildings has been a major trend during the last decade. However, the insulating air space between the protective glazing and the stained glass creates a micro-climate which, in certain cases, can cause more problems than it solves. (The *Professional Stained Glass Restoration Report* devoted an entire article in its Spring 1990 issue to the problems created by protective glazing on stained glass windows.)

A number of reasons are advanced for using protective glazing on stained glass windows, including (1) energy conservation; (2) protection from vandalism; and (3) protecting the stained glass, leading, and frames from deterioration caused by



Protective storm glazing for stained glass windows has become very popular. But this procedure can actually cause more problems than it solves if the installation is not carefully designed (Photo: J. Sussman)

weathering and pollution.

According to Ron Bovard of Bovard Studio Stained Glass, the energy conservation aspects of protective glazing have been over-sold, and the glass conservation benefits are nil. Protection from vandalism is the primary reason for considering additional glazing. However, condensation problems caused by improperly vented protective glazing can create more damage than vandal-tossed rocks.


Adding protective glazing over stained glass is far more complicated than adding storm windows to a house or office building. Among the design parameters: (1) Being aesthetically sensitive to the existing windows and building; (2) Designing proper ventilation; (3) Providing ease of removal for maintenance and repairs; (4) Determining optimum framing systems; (5) Specifying best glazing material — a wide selection of glass and plastics are available.

One often overlooked design parameter in stained glass protective glazing systems: Each independent panel should have ventilation that allows several air changes in a 24-hour period.

When installing protective glazing for stained glass, make sure your contractor is a person with lengthy experience in this specialized area — and be sure to inspect some of his or her jobs that are at least 6 years old.

Special Thanks

Special thanks for technical assistance with this report to David Martin at Allied Window and Ron Bovard at Bovard Studio Stained Glass. ♦



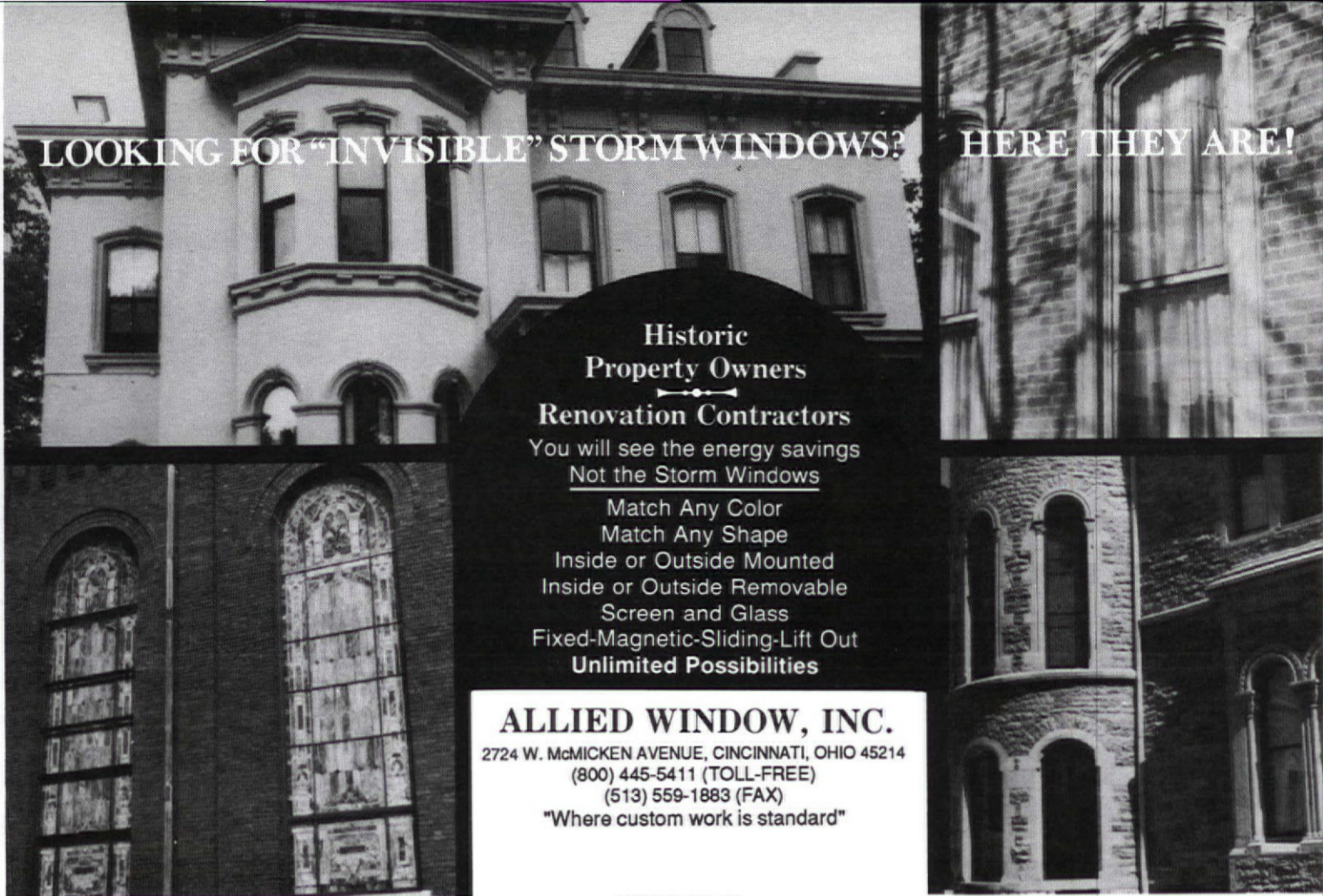
© By Bovard Studio
1990 All Rights Reserved

VICTORIANA B50. A statement of fine tradition and opulent living. Personalized by your choice of glass color and texture.

BOVARD STUDIO
Stained Glass
515-472-2824
52 E. Briggs, Fairfield, IA 52556

- Free color brochure
- Choice of designs, colors, & textures
- 25 standard sizes
- Round top or rectangular frames with insulate glass options

WRITE IN NO. 769



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

HISTORICALLY ACCURATE...
...windows and special projects built by quality craftsmen to exacting detail. Competitively priced. Fast turnaround FAX us your specs for a quote.



Midwest Wood Products
is now
MIDWEST ARCHITECTURAL WOOD PRODUCTS LTD.

1051 S. Rolff St.
Davenport, IA 52802
319/323-4757
FAX 319/323-1483

WRITE IN NO. 146

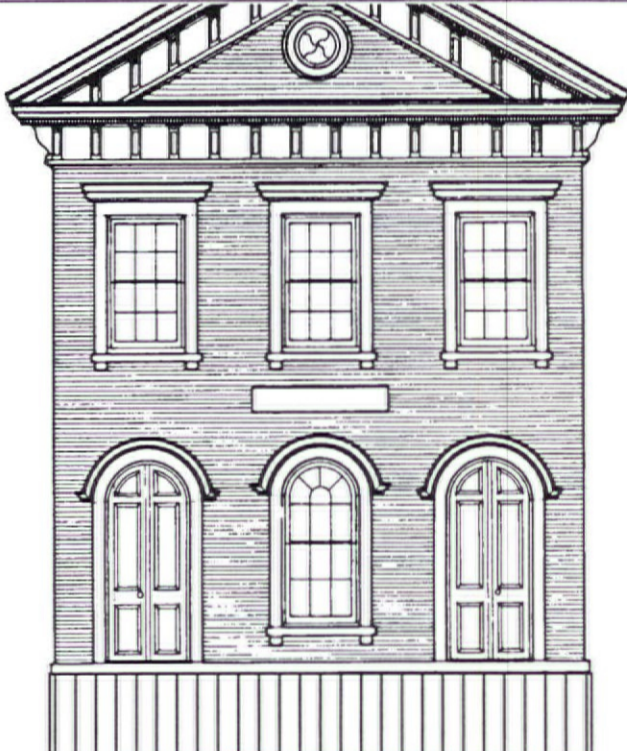
We've been making history with our glass.

Making quality glass has been a time-honored tradition at Floral. From one generation to the next our glass has been filling the need for the finest windows and doors.

Remember, Floral Glass in Hauppauge, NY, and Cheshire, Ct. provides the superior insulating glass - INSULA® in custom sizes, shapes, with muntin bars; all with a 10-year written warranty; annealed, tempered, spandrel (painted) glass custom-colored. And, we can temper glass up to an incredible 96"x178" and ship it anywhere in the U.S.

Quality glass is more than a product at Floral... it's a tradition.

Floral Glass & Mirror, Inc.
895 Motor Parkway
Hauppauge, NY 11788
516/234-2200; or 800/647-7672;
FAX: 516/234-8866.



FLORAL
Glass & Mirror, Inc.

WRITE IN NO. 397



DOORS & WINDOWS

Specialists in 18th and 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, mantel-pieces, wainscotting, raised panel walls, mouldings and more. Custom orders and orders to "match existing" welcome.

ILLUSTRATED BROCHURE \$3.00.

ARCHITECTURAL COMPONENTS
26 North Leverett Road, Dept. TB
Montague, MA 01351 413-367-9441

WRITE IN NO. 385

Antique Builder's Hardware

Handmade in England since 1855
Iron • Armour • Brass • Bronze



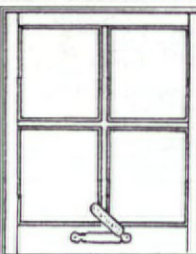
Lever Handles • Ring Handles • Sliding Bolts • Coat Hooks • Push Plates • Keyhole Escutcheons • Gate Latches • Grilles • Switch Plates • Door Knobs • Hinges • Door Pulls • Windows Fittings • Cabinet Hardware • Letter Boxes • Knockers • Bell Pulls • Lamps

Compatible Locks and Latches with various backsets and functions

Free Folder Illustrated 130 Page Catalog \$15.00 sent by UPS

Maguire Iron Corporation
1517 Goldfield, Carson City, Nevada 89701
(702) 788-9544 or (415) 234-7569 • FAX (415) 232-7519

WRITE IN NO. 760



TRADITIONAL BUILDING's STORM WINDOWS SourceList

CSI# 08650

■ BY CLEM LABINE

	SPECIALTY	Literature	Window Types	Glazing	% Custom
Allied Window, Inc. 2724 W. McMicken Ave Dept. TB Cincinnati, OH 45214 (800) 445-5411	Specialist in aluminum storm windows for historic buildings. Four basic lines: 2 for exterior mounting, and 2 for interior mounting. Custom designs and colors. Bowed storm window can be glazed with glass or acrylic; makes units for very large single lite openings. Has methods for applying exterior storms on 18th-century homes.	Free <i>Write in No. 69</i>	Aluminum Interior & Exterior Special Shapes & Custom Colors Magnetic fastening available	Glass (incl. tempered, Low-E, UV-resistant, laminated safety) Acrylic	100%
Architectural Components 26 N. Leverett Rd., Dept. TB Montague, MA 01351 (413) 367-9441	Custom millwork shop produces traditional wood storm sash, including true divided-lite sash that are especially appropriate for 18th-century homes. Their wood storms are made for both exterior and interior applications.	Free <i>Write in No. 385</i>	Traditional wood storms Interior & Exterior	Glass Acrylic Insulated glass	100%
Bovard Studio Stained Glass 52 E. Briggs, Dept. TB Fairfield, IA 52556 (515) 472-2824	Specializes in windows for religious and public buildings. In addition to stained glass work (both new and restorations), the studio fabricates and installs storm windows with polycarbonate glazing that both insulates and protects valuable windows from vandalism and storm damage.	Free <i>Write in No. 769</i>	Aluminum in special shapes Wood Steel	Polycarbonate Glass Acrylic Low-E	100%
Defender, Inc. 706 Howard Ave., Dept. TB Bridgeport, CT 06605 (800) 243-9696	Produces interior storms that feature in-jamb or face-mounted vinyl frames — in several colors. 5 storm systems are offered to fit just about every size and shape window.	Free	Interior mounting Magnetic fastening	Acrylic Many other plastics	100%
Dubuque Sash & Door Mfg. 950 Jackson St., Dept. TB Dubuque, IA 52001 (319) 557-8851	All styles and designs of traditional wood storms, including configurations of true divided lite. Mortise-and-tenon joints with original sticking. Available as combination 3-part units with storm and screen inserts.	Free <i>Write in No. 819</i>	Wood Storms Interior or Exterior	Acrylic Glass	100%
Historic Window & Door P.O. Box 138, Route 123 Dept. TB Alstead, NH 03602 (603) 835-2918	Manufactures and installs custom storm windows in both wood and aluminum for either interior or exterior applications. Bent, curved-top, and other special shapes. Also sells window products from other manufacturers.	Free	Aluminum or Wood Interior or Exterior Mounting Custom or Stock	Glass Acrylic	90%
Lindsay Sash, Inc. 1995 Commerce Dr. Dept. TB N. Mankato, MN 56001 (507) 625-4278	Fabricates traditional wood storm windows, with emphasis on special shapes: Round tops, arched tops, etc.	No literature	Wood storms	Glass Acrylic	95%
Libbey-Owens-Ford Co. P.O. Box 799, Dept. TB Toledo, OH 43695 (419) 247-4725	Manufactures a low-E glass, called "Energy Advantage," designed for storm windows and doors. Tests indicate that, when used with standard single-glazed windows, the LOF low-E glass doubles BTU's gained by the window, and triples BTU gain when used over double-glazed window units.	Free <i>Write in No. 802</i>	NA	Low-E glass	
Midwest Architectural Wood Products 1051 S. Rolff St., Dept. TB Davenport, IA 52802 (319) 323-4757	Will fabricate traditional wood frame storm sash and screens to sizes specified. Round tops and irregular shapes are a specialty. Windows are crated and shipped via common carrier to all parts of the country.	Free <i>Write in No. 146</i>	Wood storms Interior or Exterior	Glass Acrylic	100%
Panelair 203 Spark St., Dept. TB Brockton, MA 02402 (508) 588-8900	Inside storm window system with glass or acrylic, marine-glazed and surrounded by heavy-duty aluminum frame. Bulb-type weatherstripping for airtight seal; spring-loaded clips for easy access. Also available: Vinyl, operable in slider or double-hung, and a magnetic system.	Free <i>Write in No. 232</i>	Aluminum Vinyl Magnetic	Glass Low-E Acrylic	100%
Plaskolite, Inc. P.O. Box 1119, Dept. TB Columbus, OH 43216 (614) 294-3281	Supplies custom Winsulator inside storm windows that attach magnetically to steel banding affixed to window frame. Vinyl frame comes in white, brown, or tan.	Free	Magnetic fastening Interior	Acrylic	100%
Quaker Window Products P.O. Box 128, Hwy 63 S., Dept. TB Freeburg, MO 65035 (314) 744-5211	2 lines (premium and economy) of aluminum combination storm/screen windows. Exterior or interior mounting. Available in a wide range of colors and sizes.	Free	Aluminum combination storms Interior or Exterior	Glass Acrylic	75%
Season-All Industries 1480 Wayne Ave., Dept. TB Indiana, PA 15701 (412) 349-4600	Custom aluminum storm windows in 4 basic product lines. Selection includes: Double-hung, 2-track, 3-track, inside or outside screen, half screen or full screen. Interior or exterior mounting; special shapes and special glazing.	Free	Aluminum storms Interior or Exterior	Glass Acrylic	100%
Shenandoah Studio of Stained Glass 710 West Strasburg Rd., Dept. TB Front Royal, VA 22630 (703) 636-2937	Provides custom exterior glazing for religious buildings and other institutional structures, eliminating damage from vandalism and minimizing drafts and heat loss.	Free	Aluminum	Glass Acrylic Polycarbonate Low-E	100%
J. Sussman, Inc. 109-10 180th St., Dept. TB Jamaica, NY 11433 (718) 297-0228	Specializes in custom aluminum storm and protective windows for religious structures, government, and commercial buildings. Single-glazed, double-glazed, or triple-glazed, including monumental custom windows with unusual shapes and tops.	Free	Aluminum	Glass Acrylic Polycarbonate	100%
Thermo-Press Corp. of VA 5406 Distributor Dr. Dept. TB Richmond, VA 23225 (804) 231-2964	Specialist in interior storm windows for historic properties and building renovations. Full range of storm window types, including inside storm windows that attach with Velcro and a vinyl gasket to the window jamb. The PVC frames are available in many colors, including wood stains. Windows can be divided into 2 sections. Custom interior screens also available.	Catalog \$1 <i>Write in No. 801</i>	Aluminum PVC Interior Magnetic & Velcro fastening	Glass Tinted Acrylic UV-filtering Acrylic Abrasion-resistant Acrylic	100%
Thermo-Press Corp. of NY 80 Holiday Rd., Dept. TB Rochester, NY 14623 (716) 533-1522	Specializes in older historical homes, odd shapes, arches, casements, etc. PVC frame can be painted to match existing trim. Option for interior screen.	Free <i>Write in No. 801</i>	PVC frame Interior mounting Velcro fastening	Acrylic	100%

Dubuque Sash & Door Mfg.
Custom Millwork

Specialist in Wood Storms & Screens

- Wood Storms — any Size/Shape
- Segment Heads, Curved, True Divided Lites
- Inside or Outside Installation
- 3-Part Storms
- Specialists in Historic Restoration

ALL TYPES OF CUSTOM MILLWORK

- Doors & Windows • Casework
- Mantels • Custom Moldings
- Steel & Wood Entryways

Dubuque Sash & Door
950 Jackson St., Dubuque IA 52001
Phone: (319) 557-8851
FAX: (319) 557-8852

WRITE IN NO. 819

AUTHENTIC VICTORIAN SCREEN-STORM DOORS

Touchstone Woodworks
Dept. TB PO Box 112
Ravenna, OH 44266
(216) 297-1313
Send two dollars to view our elegant collection

WRITE IN NO. 784

Coming in the next issue:
Interior Lighting
Casework
Architectural Salvage
Custom Metal Casting

ONE GLASS STANDS THE CHALLENGE OF PRESERVING HISTORY WHILE CONSERVING ENERGY.



Storm panels with LOF Energy Advantage™ Low-E Glass are the ideal energy performance choice for retrofit jobs. Energy Advantage Low-E Glass is the only glass to deliver significant energy performance improvements in a variety of storm window and door applications.

LOF Energy Advantage Low-E Glass:

- Can be used in single-glazed or insulating glass windows.
- Provides increased performance when replacing existing storm units.
- May be tempered for safety glazing applications.
- Is color neutral.
- Minimizes condensation and increases room-side temperatures.
- Reduces ultraviolet transmission to lessen fading of furniture, drapes and carpeting.
- Cleans easily.
- Requires no special handling or fabrication techniques.

Find out more. Write: Frank Mitro, LOF, P.O. Box 799, Toledo, OH 43695.



A member of the Pilkington Group

A SOURCE OF FREE ENERGY.

©1991 Libbey-Owens-Ford Co.

WRITE IN NO. 802

CUT HEAT LOSS BY 60% And Preserve Architectural Integrity.



- Virtually invisible interior acrylic storm windows.
- Stops drafts and reduces street noise.
- Pays for itself in 3 years.
- Available in UV filtering, tinted and abrasion-resistant panels.

Some of our clientele include:

- Stratford Hall Plantation
- AT&T • University of Va.
- The Anderson House
- Agecroft Hall
- John Marshall House
- Tuckahoe Plantation
- National Park Service.

THERMO-PRESS®
Richmond (804) 231-2964 • Washington Area (301) 320-0181
New York Area (716) 533-1522

WRITE IN NO. 801

Panelair® INTERIOR STORM WINDOW Preserves Original Architecture

The Inside Storm Window is manufactured with glass (or optional plexiglas) which is marine glazed to prevent moisture penetration and surrounded by a heavy duty aluminum frame. A vinyl bulb-type weather stripping provides the airtight seal. It is lightweight and held securely in place by spring loaded clips. The clips can be turned by hand, allowing easy access for cleaning or removal.

Other Interiors Available/Vinyl Operable and Magnetics

Advanced Design




Panelair® 203 SPARK STREET
BROCKTON, MA 02402
(508) 588-8900

WRITE IN NO. 232

STORM WINDOWS PORTFOLIO

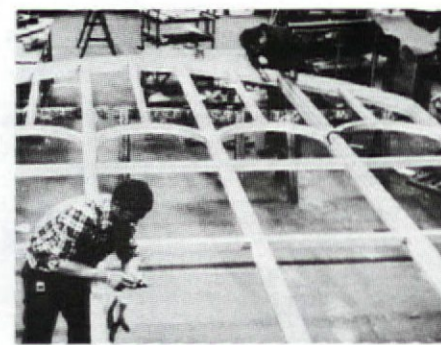
For more information about these companies, consult the SourceList.



Custom-made wood storm windows, just like those manufactured at the turn of the century, are available from MIDWEST ARCHITECTURAL WOOD PRODUCTS. Write in No. 146



Storm windows with Energy Advantage Low-E glass from LIBBEY-OWENS-FORD are said to double — and sometimes triple — the energy efficiency of prime windows. The low-E glass is used on this old house in Perysburg, Ohio. Write in No. 802



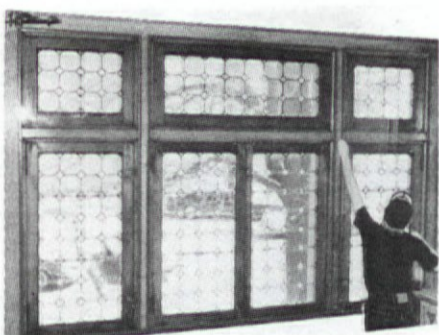
J. SUSSMAN manufactures custom aluminum prime and storm windows for religious and commercial buildings — including a new 5600 series triple-glazed thermal barrier church window



Custom wood exterior storm window, fabricated by ARCHITECTURAL COMPONENTS, blends in with the character of this 18th century house. Write in No. 385



Exterior bowed storm window from ALLIED WINDOW. The storm unit has an aluminum frame with factory-applied dark finish, and middle glazing bar that matches that of the prime window. Write in No. 69



Magnetic interior storm windows from PANELAIR can be custom-made to fit any odd sizes found in old buildings. Write in No. 232



Interior storm windows from THERMO-PRESS, with PVC frame and acrylic glazing, are lightweight, easy to handle — and preserve the exterior architectural character of the building. Write in No. 801

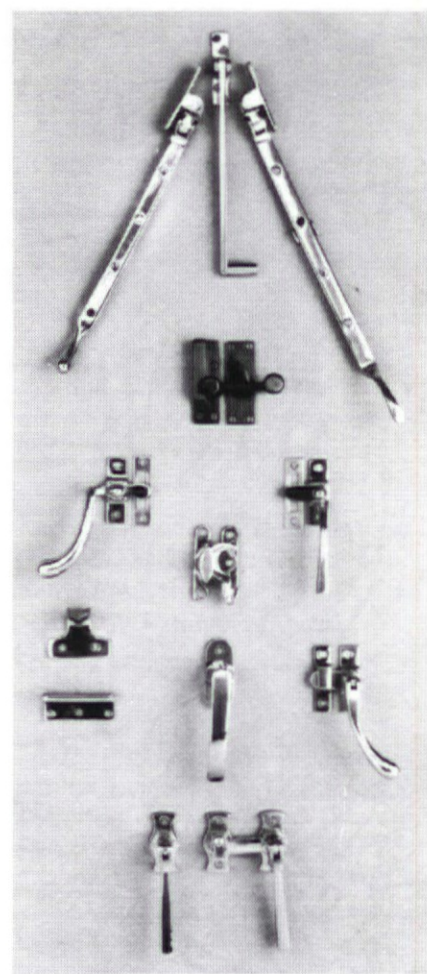
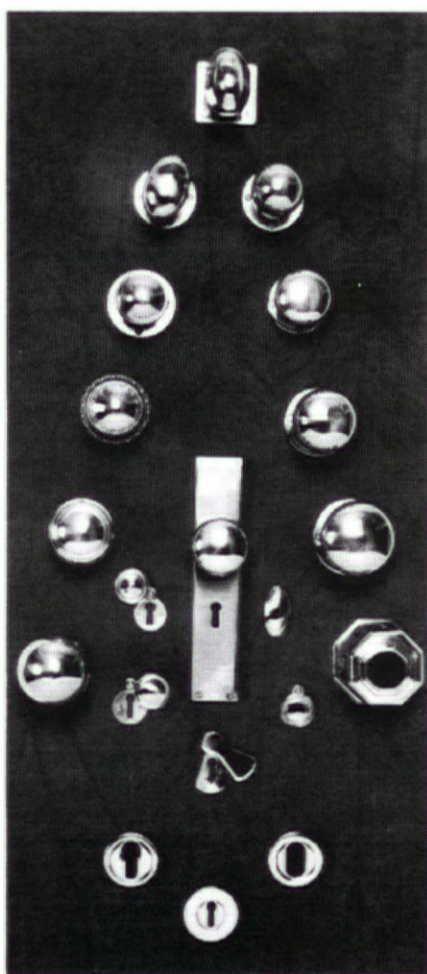
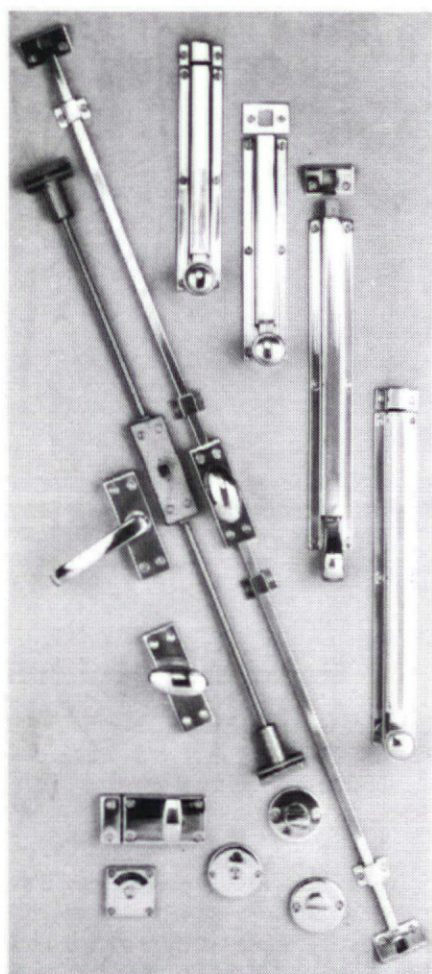


DEFENDER supplies acrylic-glazed interior storm windows with in-jamb or face-mounted fastening systems



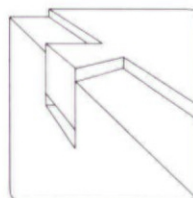
Installation crew from BOVARD STUDIO sets in a new hand-carved mahogany window frame that incorporates a polycarbonate storm window and new stained glass. The storm window channel is built right into the frame. Write in No. 769

FINE ENGLISH HARDWARE



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

It's now available in North America - contact:

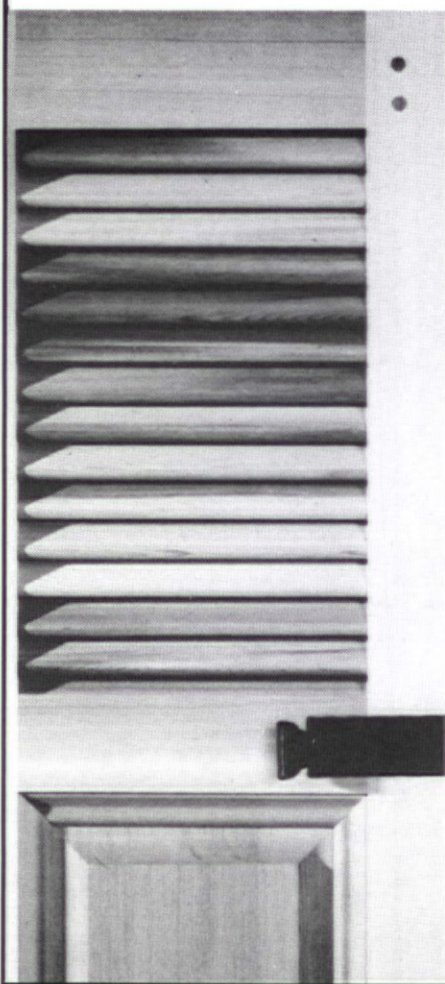


RICHARD O. BYRNE - Agent
 105 BROCK ST. E.
 P.O. BOX 610
 MERRICKVILLE, ONT.
 K0G 1N0 CANADA
 (613) 269-3676

SEND \$7.00 FOR A COPY OF THE COLOUR CATALOGUE.

WRITE IN NO. 585

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.

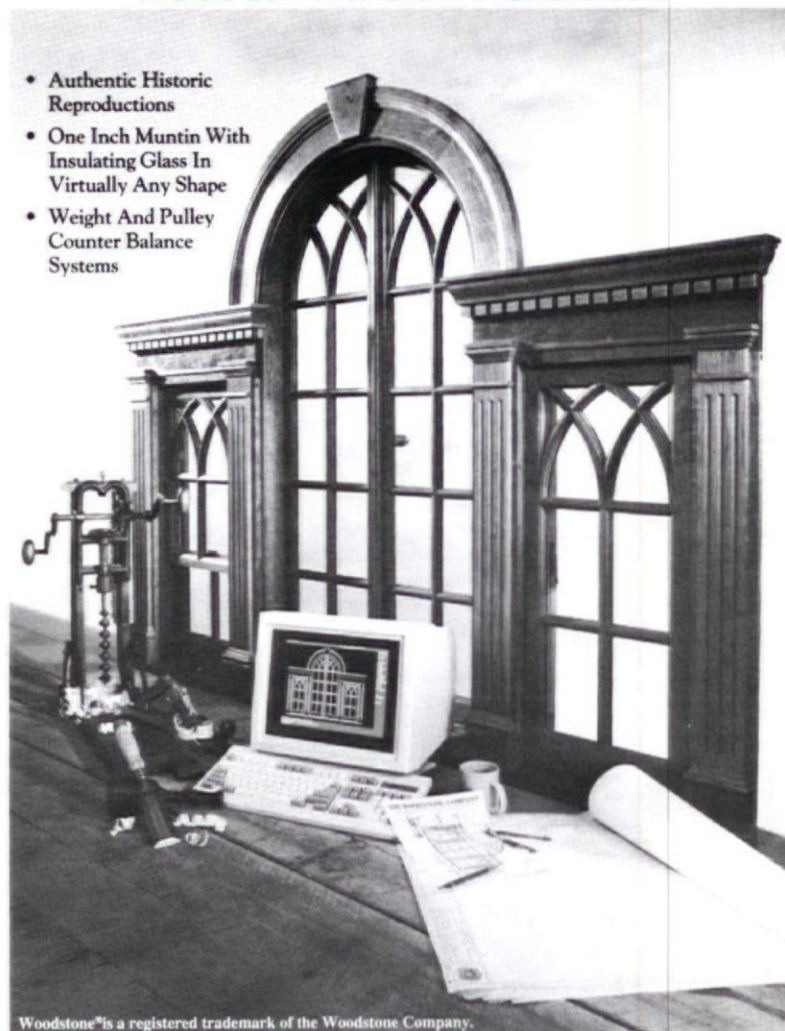
For a detailed brochure, contact:

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

WRITE IN NO. 123

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
 FOR BROCHURE: PLEASE SEND \$3.00 FOR SHIPPING AND HANDLING

Division 9: FINISHES



HISTORIC FABRICS & WALLCOVERINGS

WITH
DOCUMENTED, SCREEN PRINTED
FABRICS, FRIEZES AND BORDERS

Available Through
Decorators and Fine Stores Everywhere
Brochures Available

RICHARD E. THIBAUT, an **FPM** Co.
705 S. 21 ST., IRVINGTON, NJ 07111 (201) 399-7888

WRITE IN NO. 42



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



WOOD MANTLES
CAPITALS
BRACKETS
MEDALLIONS
PLASTER CORNICES
WOOD MOULDINGS
COMPOSITION & WOOD FIBER ORNAMENTS

Established 1893
DECORATORS SUPPLY CORPORATION
3610 S. MORGAN ST., DEPT. TB • CHICAGO, IL 60609

312/847-6300

**Cast Plaster
Architectural
Elements:**

- Cornices/Medallions
- Pilasters/Capitals
- Pedestals/Brackets
- Plaques/Moldings
- & Much More



ARCHITECTURAL SCULPTURE LTD.

242 LAFAYETTE ST., DEPT. TB, NY, NY 10012
(212) 431-5873

WRITE IN NO. 245




**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



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

Some things were meant to last longer than a lifetime.

That's why we're dedicated to preserving our cultural legacy through restoration and preservation of:

- Monuments • Sculptures
- Historic Buildings
- Fountains

Conservation and Architectural Engineering/Planning
Restoration Consultation

Creative Sculpture Design & Restoration
P.O. BOX 33077 KANSAS CITY, MO 64114
(816) 353-3385

WRITE IN NO. 638

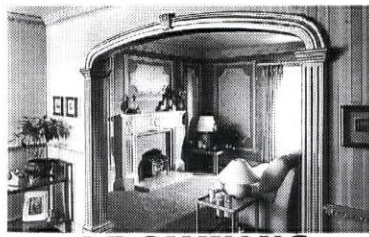
Kevin Rutan's
FE FI FAUX, INC.
presents
WORKSHOPS
in faux finishes

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

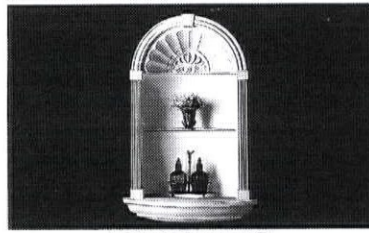
For information
(919) 272-3289
8:30-2:30 EST
337 S. Davie Street • Greensboro, NC 27401

WRITE IN NO. 449

If you want to subscribe to **TRADITIONAL BUILDING**, it's easy! Just give us a call at 718-636-0788, and we'll take all the information right over the phone.



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. TB9A, Aristocast Originals
6200 Highlands Parkway, Suite I, Smyrna, GA 30082

WRITE IN NO. 118

French Details



For
American Classics

It's the details that make a home a special place and the Sorale line of fine French plaster architectural details is now available in America. You can choose from ceiling rosettes, mouldings, columns, pedestals, niches, vases and cornices. Call today for a free catalog detailing the beauty of Sorale plaster details.

SORALE

AVAILABLE IN THE U.S.A. THROUGH
Nostalgia, Inc. Savannah, GA 1-800-874-0015 Fax (912) 234-5746
Crown Plastering East Meadow, NY (516) 489-8200 Fax (516) 489-1893

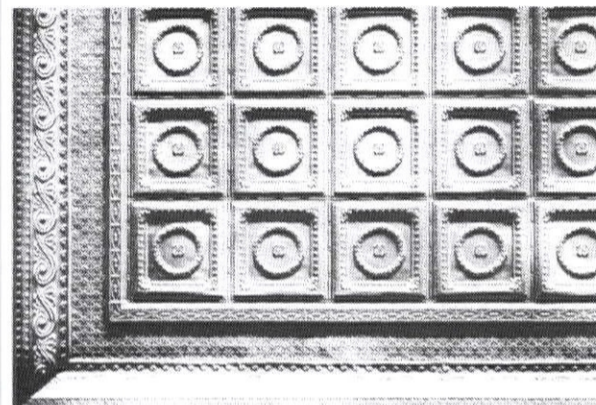
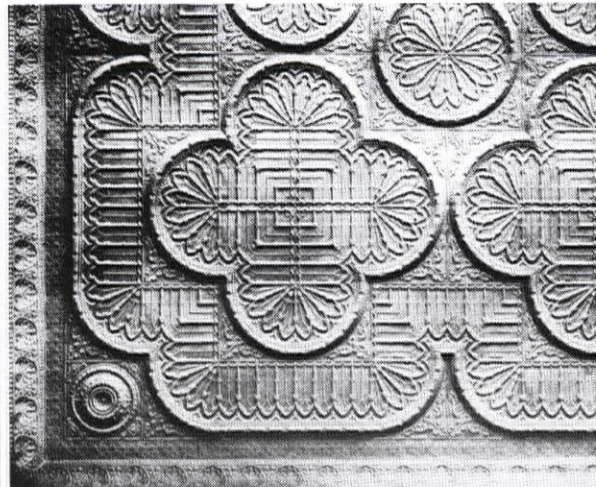
WRITE IN NO. 743

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

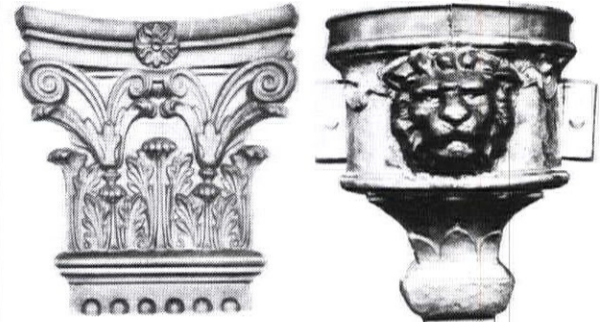
Pressed metal siding from turn-of-the-century dies: lightweight, durable, economical. Brick, Rock-Faced Brick, Pitch-Face Stone, and Cluster Shingle.

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.

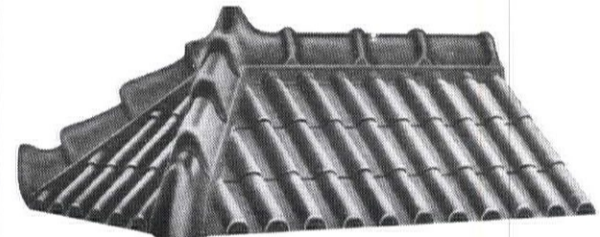
- ★ Cornices ★ Window Hoods ★ Moldings ★ Lintels
- ★ Capitals ★ Brackets ★ Corbels ★ Rosettes
- ★ Balusters ★ Urns ★ Capitals ★ Festoons ★ Finials
- ★ Scrolls ★ Leaves ★ Friezes ★ Canopies
- ★ Marquees ★ Glass pendant frames ★ Cresting
- ★ Garlands ★ Panel Ornaments ★ Lion Heads
- ★ Conductor heads &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

The Ultimate Architectural Ornament

Stock/Custom • Interior/Exterior • Paint/Stain grade
Comply with building & fire codes • Flexible
Easy to install • Residential/Commercial • On-site replication



BEFORE:
Deteriorated
Terra Cotta

AFTER:
Classic
Carvings' Replica

Call to see how our
molding capabilities can
simplify your project.

Our decorative elements represent the ultimate refinement in molding technology... NOT blown foam, but SOLID proprietary polymers. Restoration & replication of terra cotta at significantly lower cost & shorter lead time!

*Classic
Carvings*
Incorporated™

P.O. Box 21565, Dept. TB
St. Paul, MN 55121-0565
(612) 688-6216
(312) 334-7797 (sales office)

WRITE IN NO. 681

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

special report

The Rise Of The Wood Floor

Because high-quality wood floors are increasingly popular, a growing number of specialty flooring producers stand ready to meet the most unusual specifications.

■ BY CLEM LABINE

The American public, following in the footsteps of Louis XIV, is developing a taste for ornamental wood floors . . . resulting in a measurable increase in demand for high-quality wood flooring materials. For example, The Oak Flooring Manufacturers Assn. says that shipments of oak flooring in 1990 were almost 250% higher than in 1980.

Two seemingly disparate forces are driving the trend. One major factor is aesthetic: The success of the historic preservation movement has made the look of traditional wood flooring a mainstream fashion. The other factor is function: A growing interest in "healthy houses" has benefited wood flooring at the expense of wall-to-wall carpeting. For allergy sufferers, wood flooring doesn't provide a refuge for dust and dander the way carpeting does. In addition, walking on wood floors is easier on feet, legs, and backs than walking on harder surfaces such as tile, brick, and stone.

Consumers are also gravitating to wood floors because wood adapts easily to most decors, wood's natural insulating properties, its beneficial effect on resale value, and wood's long-term economy as compared with wall-to-wall carpeting.

Strip oak is, of course, far and away the biggest seller in the wood flooring market. But there are many projects in restoration, renovation, and traditionally styled new construction where strip oak doesn't have the panache or historical character the client wants. That's why, in this report, we've omitted the companies that specialize in garden-variety strip oak and focused instead on the specialty producers.

When You Veer From Strip Oak

As soon as you and the client move away from standard 2-1/4" strip oak, it's easy to run into unexpected problems with installation, appearance, and durability. Here are some of the specification factors to consider when you depart from strip oak:

• **Hardness/Durability** — The wood species you select has long-term implications for the way a floor ages, both in appearance and surface patina. On one end of the hardness scale, sugar maple is one of the hardest, dent-resistant flooring materials you can specify. However, a few of the hardwoods are not especially hard, such as poplar and certain species of cherry.

At the other end of the hardness spectrum, eastern white pine — a traditional flooring material — has only about a third of the hardness of sugar maple. So while eastern white pine makes a wonderful floor for 18th- and early 19th-century restoration, as well as for new homes with Early American styling, it is subject to denting from things like spike heels. This does no real harm, and to some eyes adds charm and character to the surface. But if the client is a person who likes everything to look "new" forever, perhaps soft pine is not the best choice.

• **Antique vs. New Wood** — Specifying antique wood can get you wood species, figuring, and patina that you frequently can't get from new wood. For example, first-growth southern longleaf heart pine, with its characteristic color, grain, high density, and toughness is only available as antique wood. (The last of the first-growth southern longleaf heart pine trees was cut in the early 20th century.) Likewise, chestnut is only available as antique wood.

Also, with antique wood you usually get first-growth timber with a denser structure and different color and figuring than comes from new

second-growth wood. In some species, antique wood also furnishes wider boards than you can get from boards cut from smaller second-growth trees.

• **Color Variations** — Wood, being a natural material, shows variations in color and figuring from log to log. Professionals understand this; many clients do not. The color of the wood installed may look different than it did in a color brochure. That's why it's always best to get the client's OK on actual samples that are as close as possible to the material being laid down.

With heart pine, for example, colors can range from light rose to deep burgundy — warm colors. White oak tends to have green hues and be in the cool spectrum, as is maple with its yellow hues.

Two schools of thought have emerged on the role of stains in floor finishing. Some professionals insist that "you can have any color you want" through judicious use of stains. Others insist that with stains the floor never attains the patina, colors, and character that wood gets without a coloring material. The choice depends on how much of a purist the client is.

• **Coverage** — Actual coverage you get from a given number of board feet depends on a number of factors, including the grade of wood specified and the pattern in which the floor is being laid. That's why some advise ordering by specifying the sq. ft. of coverage needed. Wastage frequently can run 15-30%.

• **Straightness** — Curves and twists are a bigger issue with wide boards than with strip oak. If strip oak is twisted it's no big deal; the piece can be wedged straight during installation. It's almost impossible to straighten a 20" board with a 1/2" twist.

If a wide board gets warped during drying (a frequent occurrence) and it is then finished by sending it in a single pass through a 4-sided molder, you wind up with a smooth, twisted board. To get a perfectly straight wide board takes a 3-step operation; low-cost suppliers don't go to this additional effort and expense.

As a consequence, when specifying wide boards, make sure your expectations about straightness are clearly spelled out.

• **Grading Issues** — There is a wide variation in grading nomenclature between various wood species — and there's plenty of room for differing interpretations, even among the experts, on color, coverage, and straightness.

In the field of heart pine, for example, the Southern Pine Inspection Bureau (SPIB) has a different (and somewhat looser) set of grading rules in effect today than when heart pine was being commercially harvested. To cope with this situation, one company (Goodwin Heart Pine) uses the 1923 SPIB grading rules. They feel this policy provides a buyer with more consistent quality.

The Maple Flooring Manufacturer's Assn. and the National Oak Flooring Manufacturer's Assn. both have published grading policies that a consumer can refer to. And the National Wood Flooring Assn. helps wood consumers determine what grading guidelines are being used for the various hardwoods.

There is also a considerable regional variation in preferences in wood flooring. One heart pine flooring producer reports that people in the Northeast want only the clearest heart pine floor, while people in Colorado like lots of knots and very distressed looking wood floors.

• **Moisture Content** — Many of the flooring installation nightmares involve problems with moisture content. A floor that's laid with too much moisture will show gaps between boards as it loses water to

its environment. On the other hand, a floor that's too dry when it's laid can cause havoc as it absorbs moistures and expands. Stories abound of floors that develop 8" high bulges . . . or push out adjacent walls as a result of moisture-induced expansion.

The wider the board, the more critical the moisture content issue. With narrow strip oak flooring, the movement of the boards caused by moisture is distributed over a large number of joints. As the width of the board increases, the number of inter-board joints decreases . . . and so the amount of expansion and contraction at each joint increases correspondingly. It's not uncommon to experience up to 1/2" of movement between wide white pine boards subjected to widely fluctuating humidity conditions.

The two major principles in installing wood floors are: (1) The building should be weathertight and at the general conditions of temperature and humidity that will eventually prevail. (For example, if wet plastering is part of the program, the plastering should be complete and allowed to dry for at least a week before flooring is installed.) (2) The wood should be in moisture equilibrium with the interior conditions. Ideally, flooring is installed in spring or fall when humidity is closer to average conditions than in the winter or summer.

Moisture above and below a floor should be roughly equal. If a floor is being installed over a moist cellar or crawl space, for example, cupping of the boards can result unless a vapor barrier (such as felt paper) is first laid under the flooring.

There are a couple of ways to ensure that the flooring material is at equilibrium with the interior environment. The traditional way is to store the flooring — preferably stickered — in the room environment for a week or two. Other flooring people believe more in their moisture meters, and calculate what the optimum moisture content should be for the anticipated ambient conditions. The wood is then dried and finished to that desired moisture content — and is then installed as quickly as possible after manufacture.

The building owners also bear some responsibility for the long-term performance of wood floors. Humidity within the building ideally should remain between 40% - 60% at all times, and temperature should stay between 50-90 F. If the owner is leaving for a protracted period of time, and all heating and air-conditioning is shut down, the possible consequences to wood flooring (and other woods) should be considered.

We've heard of one homeowner who had new wood floors installed, then turned off the air conditioning and went to Europe for three months. She returned to buckled, mildewed floors caused by the high humidity in her region.

Special Thanks

Special thanks for technical assistance to: Tom Harris of Architectural Timber & Millwork; Charles Thibeau of Craftsman Lumber; Swede McBroom of DHM Cabinetmakers; George & Carol Goodwin of Goodwin Heart Pine; and Bob Duane of Center Lumber.

Who's On The SourceList

Because of space limitations, we obviously couldn't include all of the several hundred wood flooring manufacturers in the U.S. Instead, we elected to concentrate on flooring suppliers who offer specialty products with traditional or historical character. To create the SourceList presented here, we mailed a questionnaire to 123 specialty flooring suppliers in our database. From the replies, we selected the 38 that seem most appropriate for the needs of historical architects and contractors. ♦

SOUTHINGTON

Specialty WOOD

C O M P A N Y L T D.

Now at our new location. Come see an exciting selection of hardwoods in our showroom. Here are some of the quality items you will find:

Long Plank Flooring/Tongue and groove
3" thru 8" wide, up to 16' long in red oak, white oak, cherry, walnut, elm, southern pine and more.

Moldings
Run to order in numerous profiles and species.

Wall/Ceiling Planking
Long Plank Tongue and Groove 3/8" thick in oak, ash, teak, black willow, butternut and others.

Exterior Siding
Machine stained or natural cedar, redwood and cypress.

100 West Main Street, Plantsville, CT 06479
(203) 621-6787 Fax # (203) 276-0704

WRITE IN NO. 709

ARCHITECTURAL TIMBER & MILLWORK

WIDE PLANK FLOORING

Panelling, Mouldings, Wainscoting

Heart Pine, Southern Yellow Pine
Eastern White Pine, Red Pine
Ash, Maple, Oak, Cherry, Walnut, etc.

Stock or Custom Milled to Your Order

Specialists in All Restoration Materials
Wood, Iron, Copper, Terra Cotta, Plasters, Stained Glass & Gold Leaf Work

ARCHITECTURAL TIMBER & MILLWORK

35 Mt. Warner Road, Hadley, MA 01035 (413) 586-3045 FAX (413) 586-3046

WRITE IN NO. 329

AUTHENTIC ANTIQUE PLANKS

for
Flooring and Paneling

Add a touch of uniqueness and authenticity to your next project. The natural rusticity of our Authentic Antique Planks, used as flooring or paneling, will enhance any home, office or commercial space. Why install boring flooring? Why abuse new wood to make it look old? Use the real thing! Write or call for a free brochure.

Aged Woods®

147 W. PHILADELPHIA ST.
YORK, PA 17403
(800) 233-9307
IN PA (717) 843-8104

WRITE IN NO. 243

OAK • CHERRY • HARDWOOD MOLDINGS

Kiln-Dried Hardwood

FLOORING • WALNUT • BUTTERNUT • OAK • CHERRY

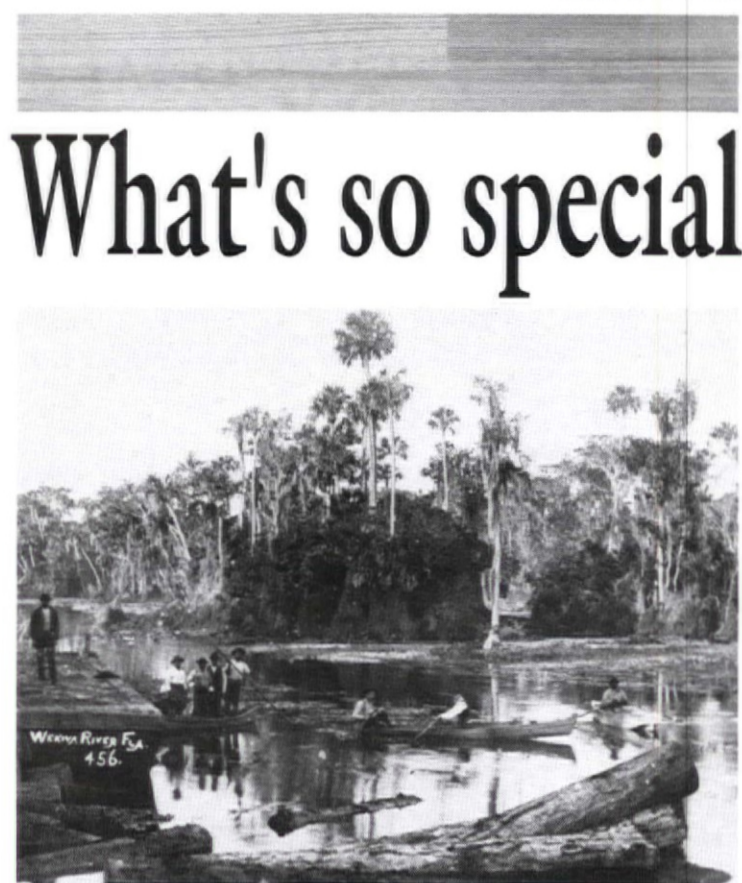
MAPLE • BIRCH • POPLAR • CLEAR PINE

- LUMBER** ROUGH CUT OR FINISHED UP TO 3" THICK
- FLOORING** RANDOM OR SINGLE WIDTH 3-10" WIDTHS, LONG LENGTHS
- MOLDINGS** CROWNS-CASINGS, CHAIR RAILS FROM CHOICE STOCK

Large Orders • Small Orders
Call
MARK POTVIN
BOX 878, ROUTE 100, STAMFORD, VT 05352
(802) 694-1611 • (800) 325-3470

OAK • CHERRY • HARDWOOD MOLDINGS

WRITE IN NO. 810



What's so special

about 100-year-old wood?

"This wood was lost a century ago when it was on the way down the river to the mill. We are the only company to recover these logs...all tight grained heartwood unspoiled by oxygen, saws or nails.

It's beautiful, durable and incredibly strong. Goodwin Heart Pine Company, maybe better than anyone else, delivers the finest heart pine available."

George Goodwin

Call us today for
our color brochure:
800-336-3118



River-Recovered Heart Pine Specialists
Rt. 2, Box 119-AA • Micanopy, FL 32667
WRITE IN NO. 253

Halls of Fame

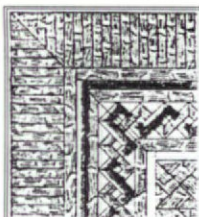
The grandeur of authentic heart pine.
Pre-1900 Longleaf Heart Pine. Retrieved and re-milled to exacting standards. Lumber unmatched in strength and beauty.

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

WRITE IN NO. 319



TRADITIONAL BUILDING's SourceList of SPECIALTY WOOD FLOORING

CSI# 09550

■ BY CLEM LABINE

COMPANY	SPECIALTY	LITERATURE	Flooring Types	Max Length/Width/Thickness/	Edges	% Custom
Aged Woods, Inc. 147 W. Philadelphia St., Dept. TB York, PA 17403 (717) 843-8104 (800) 233-9307	Authentic antique planks, stair parts, and flooring. Dimensional lumber for cabinetry and custom moldings.	Free <i>Write in No. 243</i>	Antique wood planks: Distressed yellow pine, cypress, chestnut, oak, distressed white pine, distressed oak, poplar, hemlock, distressed chestnut	L to 16' W to 16" T 5/8" to 8/4"	T&G Square Custom	100%
Albany Woodworks, Inc. P.O. Box 729, Dept. TB Albany, LA 70711 (504) 567-1155	Specialists in antique flooring and building materials, especially longleaf heart pine and virgin tidewater cypress.	Brochure Free Brochure with wood samples \$4.50 <i>Write in No. 466</i>	Antique heart pine	L to 16' W to 11" T 3/4" to 2"	T&G Shiplap Square V-edge Beaded	100%
Amherst Woodworking Hubbard Ave., Box 718, Dept. TB Northampton, MA 01061 (413) 584-3003	A broad-range architectural millwork shop that offers both stock and custom flooring in new woods.	Free	Plank, Strip, and Parquet flooring. Woods include ash, birch, cherry, maple, red & white oak, poplar.	L to 16'	T&G Shiplap Square V-Edge Beaded	75%
Anderson Hardwood Floors P.O. Box 1155, Dept. TB Clinton, SC 29325 (803) 833-6250	Offers a complete line of hardwood flooring in a wide variety of patterns and colors.	Free	Plank and Parquet flooring.	W to 7" T 3/8" to 1/2"	T&G Square Devo	0%
Architectural Timber & Millwork 35 Mt. Warner Rd., Dept. TB Hadley, MA 01035 (413) 586-3045	Millwork firm produces a wide range of custom plank wood flooring in antique heart pine, or any other species specified.	Free <i>Write in No. 329</i>	Plank Heart pine, white pine, red pine, oak, maple, ash, cherry, etc.	L to 16' W to 16" T 3/4" or custom	T&G Shiplap Square Custom	90%
Bangkok Industries 4562 Worth St., Dept. TB Philadelphia, PA 19124 (215) 537-5800	A vast selection of parquet field and border patterns. Custom ornamental borders also available.	Free	Parquet Ornamental borders Teak, karpawood		Square	20%
Boise Moulding & Lumber Co. 116 East 44th St., Dept. TB Boise, ID 83703 (208) 322-6066	Custom T&G flooring in any width in any wood. Custom wide plank, long-length plank, or one-length plank.	Free	Plank Strip Any species specified	L to 16' W to 12" T 3/4" to 1-3/4"	T&G Shiplap Square V-Edge	95%
Sylvan Brandt 653 Main St., Dept. TB Lititz, PA 17543 (717) 626-4520	Antique flooring and reworked tongue-and-groove flooring 4" to 16" wide sawn from hand-hewn logs.	Free <i>Write in No. 395</i>	All authentic antique wood planks: Southern yellow pine, white pine, chestnut, oak, poplar, hemlock	L to 16' W to 16" T to 8/4"	T&G Square Custom	100%
Carlisle Restoration Lumber HCR 32, PO Box 679, Dept. TB Stoddard, NH 03464 (603) 446-3937	Custom flooring and paneling in eastern white pine, red oak, southern yellow pine. Premium-finish grade; no waste. Installation services nationwide.	Free <i>Write in No. 145</i>	Plank: Eastern white pine, select red oak, southern yellow pine	L to 16' W to 20" T to 15/16"	T&G Square Shiplap	100%
Center Lumber Box 2242, Dept. TB Paterson, NJ 07509 (201) 742-8300	Custom T&G flooring in any width in any wood. Custom wide plank, long-length plank, or one-length plank.	Free <i>Write in No. 680</i>	Plank Strip Any species specified	L to 16' W to 12" T 3/4" to 1-3/4"	T&G Shiplap Square V-Edge	75%
Chestnut Specialists 38 Harwinton Ave., Dept. TB Plymouth, CT 06782 (203) 283-4209	Original antique flooring and remilled flooring from antique recycled lumber.	Free brochure \$5 for samples <i>Write in No. 648</i>	Plank Strip Chestnut, oak, white pine, sugar pine, yellow pine	L to 16' W to 20" T to 1"	T&G Shiplap Square V-Edge	100%
Coastal Millwork 1335 Marietta Blvd., Dept. TB Atlanta, GA 30318 (404) 351-8400	Specializes in antique longleaf heart pine flooring in Select and Prime grades, plus millwork products.	Free <i>Write in No. 319</i>	Plank Antique heart pine	L to 16' W to 12" T to 1-1/2" Any thickness specified	T&G Shiplap Square V-Edge	100%
Craftsman Lumber Co. 436 Main St., Dept. TB Groton, MA 01450 (508) 448-6336	Super wide boards; oak and pine flooring and paneling to 30" wide. Perfectly straight boards, properly graded and kiln dried. Milled to spec.	Free <i>Write in No. 432</i>	Planks of eastern white pine, Norway pine, red pine, southern yellow pine, red oak, white oak, maple, cherry, ash, teak	L to 16' W to 30" (pine) W to 16" (hardwoods) T from 5/8" to 1-1/2"	T&G Shiplap Square V-Edge	100%
DHM Cabinetmakers Route 4, Box 173, Dept. TB Floyd, VA 24091 (703) 745-3825	Hardwood flooring with any edge. Random widths up to 12"; also custom layouts to any pattern.	Free <i>Write in No. 493</i>	Plank, Strip, Parquet Cherry, walnut, mahogany, oak, ash, maple, cypress	L to 16' W to 12" T from 5/8" to 2"	T&G, Shiplap, Square, V-Edge	100%
East Mountain Hardwoods RD1, Box 31A, Dept. TB Sheffield, MA 01257 (800) 521-2019	Hardwood plank, domestic species, wide pine (king plank) in 13" and wider.	Free	Plank Oak, maple, cherry, ash, curly maple, butternut, walnut, poplar, pine	L to 16' W to 18" T up to 1"	T&G, Shiplap, Square, V-Edge	90%
Goodwin Heart Pine Company Rte. 2, Box 119-AA, Dept. TB Micanopy, FL 32667 (800) 336-3118	Manufacturer of flooring, stair parts, and paneling from river-recovered antique heart pine. Virgin heart cypress products also.	Free <i>Write in No. 253</i>	Plank Vertical select, superior select, and curly (burl) heart pine, cherry	L to 20' W to 12" T 3/4" to 1-1/2"	T&G Square V-edge Beaded	100%
Grafco Hardwood Floors, Inc. Star Route, Box 13A, Dept. TB Portsmouth, OH 45662 (614) 858-6613	Flooring manufactured from Appalachian hardwoods kiln-dried to 6-8% moisture content. T&G and end-matched.	Free <i>Write in No. 806</i>	Plank, Strip, Laminated Red oak, white oak, ash, walnut, cherry, maple, pecan, hickory, Brazilian cherry	L to 8' (can do 12') W 1-1/2" to 8" T to 3/4" (solid); 1/2" (laminated)	T&G Square V-Edge	80%
Granville Mfg. Co. Route 100, Dept. TB Granville, VT 05747 (802) 767-4747	Wide pine boards, plank flooring in wide variety of hardwoods. Quartersawn boards on special order.	Free <i>Write in No. 417</i>	Plank, Strip Eastern white pine, spruce, northern hardwoods	L to 16' W to 18" T to 7/8"	T&G Square V-Edge	30%
Green River Lumber, Inc. PO Box 329, Dept. TB Great Barrington, MA 01230 (413) 528-9000	Unfinished plank and strip in northern hardwoods; endmatched.	Free	Plank, Strip Cherry, ash, hard maple, northern red oak, red birch, walnut	L to 14' W to 5" T to 25/32"	T&G Square V-Edge	5%

HARDWOOD FLOORING

- White & Red Oak •
- Cherry • Ash •
- Hard Maple • Birch •
- 3" to 7" Widths •
- Random Strip & Plank •
- Custom Widths •
- Custom Thicknesses •

ALSO: Stock & Custom Moldings/
T&G Paneling/Beaded Wainscoting/
Beaded Ceiling Rosettes & Plinth
Blocks/Duplication Of Historic Profiles

Special pricing on orders of
500 bd. ft. & over!

MORSE LUMBER & MILLWORK

20 Morse Drive, Dept. TB
Essex Junction, VT 05452
(802) 878-2061
FAX (802) 878-7215

WRITE IN NO. 779

Chestnut Specialists

- Enhance The Decor of Your Home Using Genuine Recycled Building Materials.
- Antique Remilled Flooring And Paneling.
- Original Finish Antique Flooring And Paneling.
- Available In Chestnut, Oak, White, And Yellow Pine.
- Hand Hewn Beams-Weathered Barn Siding.
- Full Installation Service.

Dave Wasley
(203) 283-4209

WRITE IN NO. 648

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



VINTAGE PINE COMPANY, Inc.
established 1972

P.O. Box 85
Prospect, Virginia 23960
(804) 574-6531

WRITE IN NO. 812

Antique Heart Pine



- Tongue & Groove Flooring 3" - 14"
- Beams & Stair Parts
- All Kiln-Dried Lumber
- Twenty Years of Milling Expertise

Call or write for free brochure

The Hardwood Group, Ltd.
641 Tenth Street, N.W.
Atlanta, Georgia 30318
Phone 404-240-0073
Fax 404-262-9880

WRITE IN NO. 807



Rare & Beautiful
Antique Lumber

Wide Plank Flooring
Mouldings & Millwork

Antique Heart Pine,
Oak, White Pine, Chestnut
Select New Hardwoods

For Brochure
Write

2357 Boteler Road
Brownsville, Maryland 21715
or Call

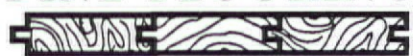
301-432-8419

WRITE IN NO. 213

The Specialist in Heart Pine Lumber

Rich and enduring antique longleaf heart pine, coupled with unsurpassed milling experience, allows Vintage Pine Company to offer the same handsome plank flooring that our Forefather placed in his manor house. Our naturally superior flooring is quartersawn, planed both sides, tongue and grooved and milled to your specifications. By specializing in the tightest grains and in widths up to 18 inches and length up to 25 feet, our flooring can be found throughout the United States in such National Historic Landmarks as: The Governor's Mansion in Austin, Texas and Thomas Jefferson's Monticello. Free brochure upon request.

From the Heart of the South... ANTIQUE PINE FLOORING

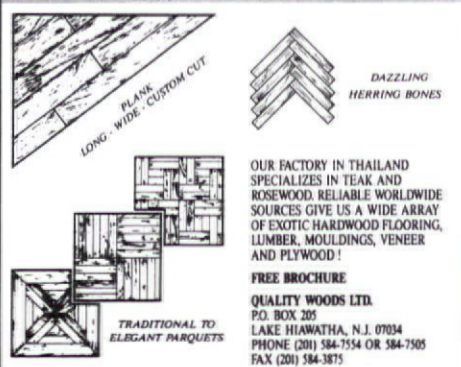


Antique Heart Pine and Cypress
Newly Milled from Antique Beams
Cabinetry Beams
Stairtreads Paneling

Albany Woodworks
P.O. Box 729 • Albany, LA 70711 • 504/567-1155

WRITE IN NO. 466

TEAK ROSEWOOD



OUR FACTORY IN THAILAND
SPECIALIZES IN TEAK AND
ROSEWOOD. RELIABLE WORLDWIDE
SOURCES GIVE US A WIDE ARRAY
OF EXOTIC HARDWOOD FLOORING,
LUMBER, MOULDINGS, VENEER
AND PLYWOOD!

FREE BROCHURE
QUALITY WOODS LTD.
P.O. BOX 205
LAKE HIWATHA, N.J. 07034
PHONE (201) 584-7534 OR 584-7505
FAX (201) 584-3875

BRAZILIAN CHERRY - WALNUT - MAHOGANY - OAK - ASH - EBONY

WRITE IN NO. 327

ANTIQUE FLOORING

North Fields Restorations is the largest supplier of antique flooring in the Northeast. We specialize in authentic old flooring taken from buildings we have dismantled. Our antique pine and southern yellow pine come in widths up to 24" wide. We also stock oak and chestnut flooring up to 20" wide.

Many other restoration materials are in stock, such as hand-hewn beams, barn siding, mantels, doors, brick, and granite. We also have complete dismantled houses from \$25,000 to \$60,000. Videos of the houses are available for \$10.

Please direct inquiries to Mark Phillips at (508) 948-2722.
North Fields Restorations, Box 741, Rowley, MA 01969



WRITE IN NO. 326

WIDE PINE FLOORING

Manufacturers of Plank
Flooring in pine and
selected hardwoods.

All wood kiln-dried for dimensional
stability. Custom milling available.

Quartersawn Clapboard

A true 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

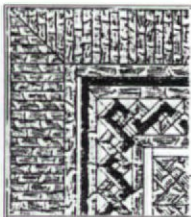
Granville Manufacturing

Company, Inc. • Established 1857
Granville, Vermont 05747

802-767-4747

Call or write for free brochure

WRITE IN NO. 417



TRADITIONAL BUILDING's SourceList of SPECIALTY WOOD FLOORING

CSI# 09550

■ BY CLEM LABINE

COMPANY	SPECIALTY	LITERATURE	Flooring Types	Max Length/Width/Thickness/	Edges	% Custom
Gregory Lumber Company 322 Ethan Allen Hwy, Dept. TB Ridgefield, CT 06877 (203) 431-3332	Stock strip flooring to custom wide plank flooring in various thickness and patterns.	Free <i>Write in No. 824</i>	Plank, Strip, Parquet, Figured, Quartered, Rift All domestic hardwoods, southern and eastern pines, mahogany, teak	L to 16' W to 24" T from 1/2" to 3"	T&G Shiplap Square V-Edge	80%
The Hardwood Group Ltd. 641 Tenth St. N.W., Dept. TB Atlanta, GA 30318 (404) 240-0073	Specialize in select, rustic, and prime longleaf heart pine flooring.	Free <i>Write in No. 807</i>	Longleaf heart pine	L to 23' W to 14" T from 3/4" to 2-1/2"	T&G Shiplap Square V-Edge	80%
Harmony Exchange, Inc. Rte. 2, Box 843, Dept. TB Boone, NC 28607 (704) 264-2314	Wholesale supplier of flooring and specialty wood products for construction. Unfinished flooring and paneling in many wood types.	Free <i>Write in No. 323</i>	Plank, Strip, Parquet, Prefinished, Floating, Laminated Oak, walnut, cherry, maple, ash, locust, pine, other hard and soft woods	L to 16' W to 12" T from 3/8" to 1-1/2"	T&G Shiplap Square V-Edge	40%
Harris-Tarkett, Inc. 2225 Eddie Williams Rd. Johnson City, TN 37601 (615) 928-3122	Prefinished plank and parquet; unfinished plank and parquet; unfinished specialty parquets and borders.	Free	Plank, Strip, Parquet, Longstrip Red oak, white oak, maple, ash, walnut, angelique, merbau	L to 8' W to 8" T from 5/16 to 3/4"	T&G Square V-Edge Micro-bevel	5%
Hull Forest Products, Inc. 101 Hampton Rd., Dept. TB Pomfret Center, CT 06259 (203) 974-0127	Kiln-dried eastern white pine flooring and paneling.	Free	Plank Eastern white pine	L to 14' W to 30" T from 3/4" to 1-3/4"	T&G Shiplap Square V-Edge	100%
Juell Floors, Inc. 13161 Merchandise Mart Chicago, IL 60654 (312) 527-9663	Will do any custom work from drawings including intricate geometric designs.	Free	Plank, Parquet Any custom design Woods as specified	L to 16' W to 12" Any thickness	T&G Shiplap Square	100%
Livermore Wood Floors P.O. Box 146, Dept. TB Livermore, ME 04228 207-897-5211	Plank floors from Appalachian hardwoods and other species. Three basic patterns: Random, Decorative, and Traditional.	Free	Plank: Appalachian hardwoods, eastern white pine, heart pine, or any wood specified.	L to 8' W to 7" T to 3/4" custom sizes	T&G (with 4 edge styles)	20%
Mayse Woodworking Co. 319 Richardson Rd., Dept. TB Lansdale, PA 19446 (215) 822-8307	Flooring and custom millwork manufactured from recycled old-growth longleaf pine timbers. Custom widths and thicknesses.	Free <i>Write in No. 690</i>	Plank, strip, and true quarter-sawn antique longleaf yellow pine. Kiln dried.	L 3' to 20' W 2-1/2" to 14" T 7/8" (custom milling available)	T&G Shiplap Square V-Edge	50%
Morse Lumber and Millwork, Co. 20 Morse Dr., Dept. TB Essex Junction, VT 05452 (802) 878-2061	Random plank flooring in native New England species.	Send \$3 for catalog <i>Write in No. 779</i>	Plank, Strip Ash, yellow birch, butternut, cherry, hard maple, red oak, white oak, yellow poplar, walnut.	L to 12' W to 8" T to 1" finish	T&G Shiplap Square V-Edge	80%
Mountain Lumber Company PO Box 289, Rte. 606, Dept. TB Ruckersville, VA 22968 (800) 445-2671	Specializes in antique longleaf heart pine in a variety of grades.	Free <i>Write in No. 826</i>	Plank, Strip, Parquet Antique longleaf yellow pine, new heart longleaf yellow pine, antique oak, antique chestnut	L to 16' W to 10" T are 3/4"	T&G Shiplap Square V-Edge	20%
Northfield Restorations P.O. Box 741, Dept. TB Rowley, MA 01969 (508) 948-2722	Antique pine and southern yellow pine in widths up to 24"; oak and chestnut flooring to 20" wide.	Free <i>Write in No. 326</i>	All authentic antique wood planks: Southern yellow pine, white pine, chestnut, oak, poplar, hemlock	L to 16' W to 24" T 5/8" to 8/4"	T&G Square Custom	100%
PermaGrain Products, Inc. 13 West Third St., Dept. TB Media, PA 19063 (215) 565-1575	Durable acrylic-impregnated low-profile laminated plank with micro-bevel edge. Available in 4 species.	Free	Plank, Parquet Oak, ash, cherry, maple, tupelo, lindenwood	L to 4' W to 3" T 5/16" to 9/16"	T&G Square V-Edge	8%
Sandy Pond Hardwoods 921-A Lancaster Pike, Dept. TB Quarryville, PA 17566 (717) 284-5030	Specialist in tiger and birdseye maple flooring and lumber — as well as other varieties of maple, birch, cherry, ash, and oak.	Free <i>Write in No. 809</i>	Plank, Strip Birdseye maple, cherry, tiger maple, oak, flame yellow birch, walnut, red birch, exotic ash	L to 14' W to 8" T 3/4"	T&G Square	10%
Mark Potvin Lumber Box 878, Dept. TB Stamford, VT 05352 (800) 325-3470	Flooring. Also: 2-1/2"-3-1/2" Colonial casing, 2-1/4"-3-1/2" crowns; door casing and baseboards.	Free <i>Write in No. 810</i>	Plank, Strip Red and white oak (plain, rift, quartered), cherry, birch, ash, walnut, maple	L to 12' W to 11-1/4" T are 25/32"	T&G	30%
Quality Woods, Ltd. 63 Flanders Bartley Rd., Dept. TB Flanders, NJ 07836 (201) 584-7554	A wide range of strip flooring, parquet, and ornamental borders in 10 hardwoods.	Free <i>Write in No. 327</i>	Plank, Strip, Parquet Teak, Asian rosewood, royal oak, cherry, oak, walnut, beech, ash, Brazilian cherry, mahogany	L to 12' W to 12" T 5/16" to 1-3/4"	T&G Shiplap Square V-Edge	50%
A.E. Sampson & Son PO Box 1010, Rte. 90, Dept. TB Warren, ME 04864 (207) 273-4000	Custom wood flooring; hardwoods and softwoods. Also: Stair parts, moldings, millwork, doors, cabinetwork.	Free <i>Write in No. 811</i>	Plank, Strip, Parquet, Borders, Floating Floors Birch, maple, oak, ash, cherry, mahogany, walnut, pine, teak, fir	L to 16' W from 2-1/4" to 19-1/4" T from 3/8" to 3"	T&G Shiplap Square V-Edge Micro-bevel	85%
Specialty Wood Co. 100 West Main St., Dept. TB Plantsville, CT 06479 (203) 621-6787	Specializes in long lengths of select-grade hardwood plank flooring. Stock flooring and custom jobs.	Free <i>Write in No. 709</i>	Plank: White & red oak, ash, rock maple, black cherry, elm, black willow, butternut, many other species.	L to 16' W to 17" T to 7/8"	T&G Square Shiplap V-Edge	25%
Vintage Pine Co., Inc. PO Box 85, Dept. TB Prospect, VA 23960 (804) 574-6531	Specializes in heart pine plank flooring.	Free <i>Write in No. 812</i>	Plank Heart pine	L to 25' W from 3" to 12" T as specified	T&G Square	100%
The Woods Company 2357 Boteler Rd., Dept. TB Brownsville, MD 21715 (301) 432-8419	Custom wood products such as plank flooring, paneling, period moldings, beams, and staircase parts in new and antique woods.	Free <i>Write in No. 213</i>	Plank, Strip Antique: heart pine, white pine, yellow pine, oak, chestnut, hemlock; New: oak, cherry, maple, ash, walnut, white & yellow pine	L to 16' W to 16" T from 3/4" to 1-1/2"	T&G Square V-Edge	100%

CAUTION!

All Wide Boards Are Not Created Equal

Here are seven different factors you should be aware of:

1. Proper moisture content. Does your supplier dry the boards to your specifications?
2. Are all boards jointed straight and true so they line up with no gaps?
3. Are all boards planed to the same thickness, eliminating the need for excess sanding?
4. Do all boards meet trade grading specifications?
5. Is the entire order usable when received, or is some percentage of it junk?
6. Does your supplier offer knowledgeable assistance and information on ordering, specifying, and installation?
7. Does your supplier offer a warranty?

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

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

WRITE IN NO. 432

WIDE PINE FLOORING & Paneling (12" to 21" wide)



Eastern White Pine
Southern Yellow Pine
Wide Oak
Ship-lapped Pine
Installation Nation Wide

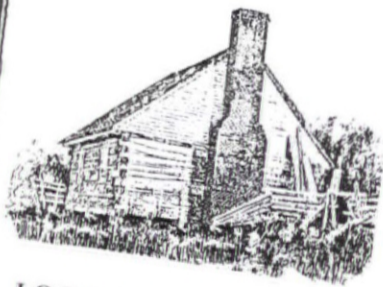
Carlisle Restoration Lumber

HCR 32 Box 679, Dept. TB
Stoddard, N.H. 03464-9712

603-446-3937

Quality Materials Since 1969
Members of the National Trust for Historic Preservation

WRITE IN NO. 145



LOG HOUSES... and other 18th & 19th century building materials salvaged from old houses, grist mills, and barns:

- hand hewn logs •
- flooring •
- windows •
- doors •
- hardware •

Sylvan Brandt

653 Main Street Lititz, PA 17543
(717) 626-4520

WRITE IN NO. 395

DHM CUSTOM FLOORING

As a custom woodwork shop, we can translate your concept into a floor of lasting beauty. All thicknesses of oak, cherry, walnut, maple, ash, cypress, mahogany, and cedar decking. We can produce any edge, random widths up to 12", and custom layouts in any pattern. Among our millwork capabilities:

**Flooring, Moldings, Panelling, Carving, Turning
Cabinets, Furniture, Casings, Doors.**

Serving the East Coast.

DHM CABINETMAKERS, INC.

Rt. 4, Box 173, Dept. TB, Floyd, VA 24091

703-745-3825

FAX: 703-745-3875

WRITE IN NO. 493



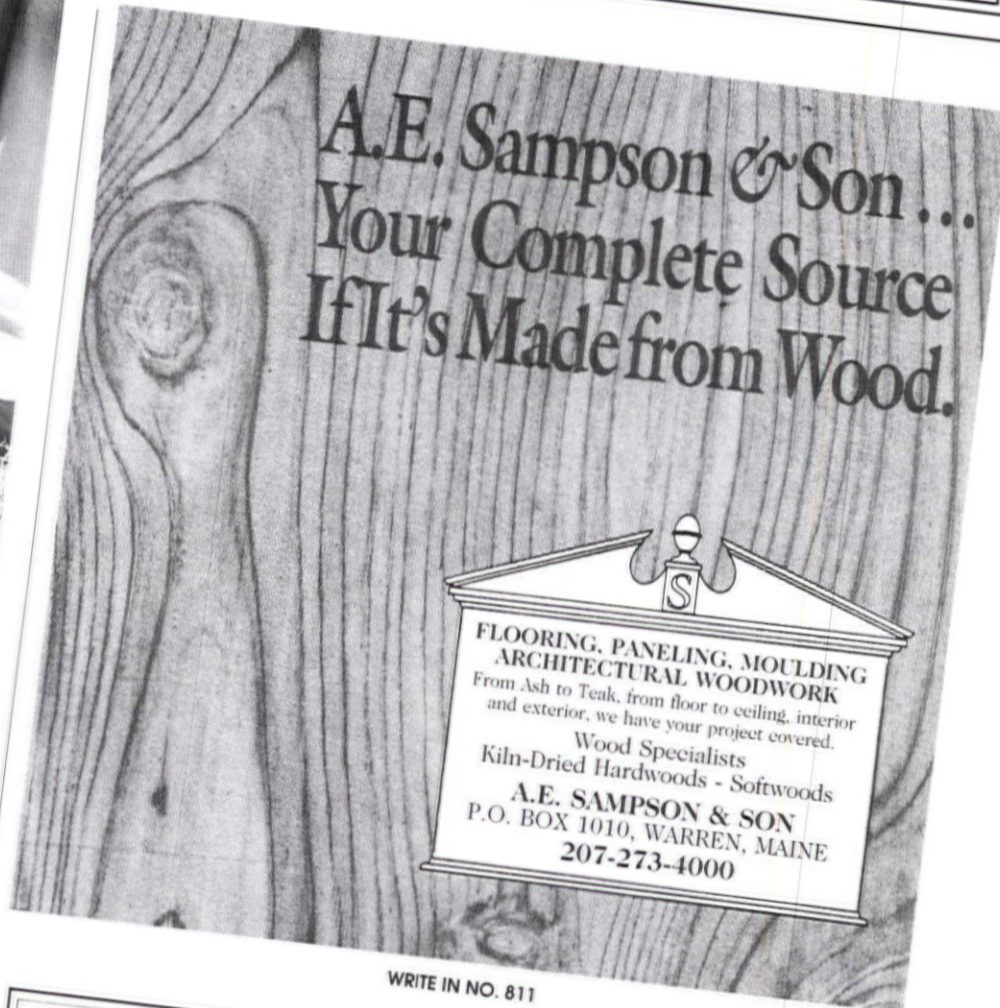
Age and Beauty.

Antique heart pine flooring from Mountain Lumber boasts both age and beauty. Carefully retrieved from pre-1900 structures around the country slated for demolition, there is limited supply of this majestic lumber available. Prized for lasting hardness and stunning beauty, antique heart pine is perfect for new and restoration projects. Mountain Lumber is known for superior service and custom mill work. Call for a free brochure.

P.O. Box 289 TB
Ruckersville, Virginia 22968
1-804-985-3646
FAX: 1-804-985-4105

MOUNTAIN LUMBER

WRITE IN NO. 826



**A.E. Sampson & Son...
Your Complete Source
If It's Made from Wood.**

FLOORING, PANELING, MOULDING
ARCHITECTURAL WOODWORK

From Ash to Teak, from floor to ceiling, interior and exterior, we have your project covered.

Wood Specialists
Kiln-Dried Hardwoods - Softwoods

A.E. SAMPSON & SON
P.O. BOX 1010, WARREN, MAINE
207-273-4000

WRITE IN NO. 811

GRAFCO
Hardwood Floors, Inc.

Star Route Box 13A
Portsmouth, Ohio 45862
(614) 858-6613
FAX (614) 858-6376

**RIFT/QUARTER SAWN
APPALACHIAN RED & WHITE OAK
PLANK FLOORING**

**Distinctive Grain Pattern
Incomparable Durability
Exquisite Flooring**

Plain Sawn Red & White Oak,
Ash, Walnut, American Cherry,
Maple, Hickory
are also available.

Distributed nationwide.
Call or write today for information
and the nearest location.

614-858-6613

DISTRIBUTOR INQUIRIES WELCOME

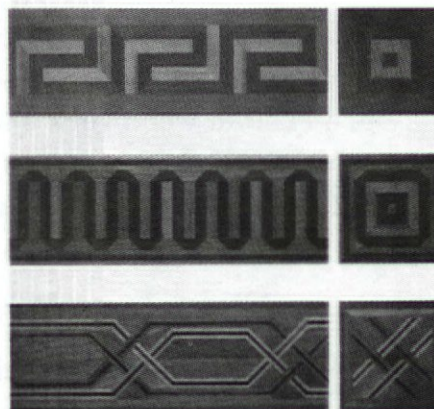
WRITE IN NO. 806

SPECIALTY WOOD FLOORING PORTFOLIO

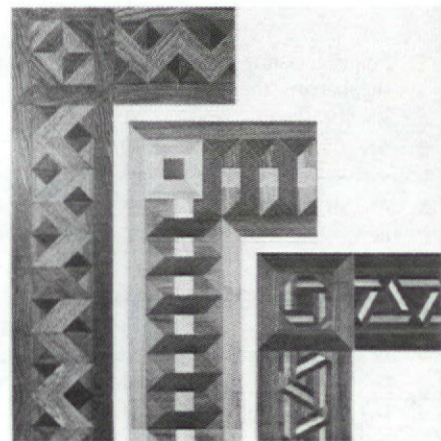
For more information on these companies, please consult the SourceList.



Prime grade flooring and rough steel-brushed beams were milled from antique first-growth longleaf heart pine for this lake house interior by the THE HARDWOOD GROUP, LTD. Write in No. 807



JUELL FLOORS specializes in antique and contemporary floors with inlaid borders and accent blocks that turn the pattern around corners. Shown are just three of their many designs: Greek Key, Paragon, and Gentry



Ornamental parquet borders in 9 standard patterns using 11 hardwood species are available from BANGKOK INDUSTRIES. The firm will also create custom borders to your designs



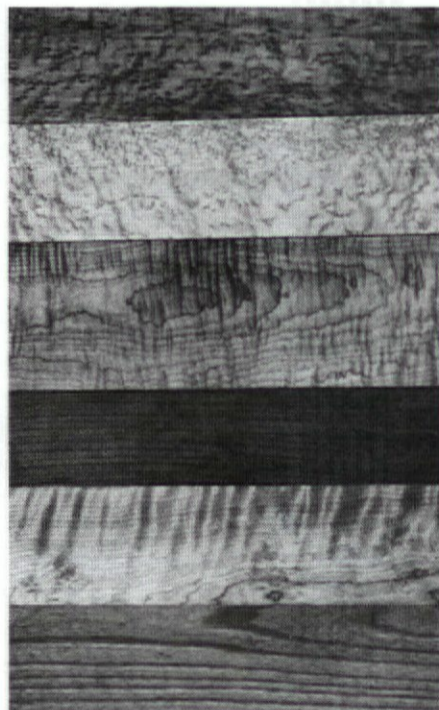
Plank floor of antique distressed yellow pine supplied by AGED WOODS. The tongue-and-groove boards were remilled from antique timbers and range from 5 to 7 in. wide with an eased edge. Write in No. 243



Chestnut, which makes a durable and unusually figured floor, is a commercially extinct wood species. One of the few antique wood dealers who can still provide chestnut flooring is CHESTNUT SPECIALISTS. Write in No. 648



GOODWIN HEART PINE COMPANY specializes in flooring and other beautifully figured heart pine millwork products created from virgin first-growth "sinker" logs recovered from the bottoms of southern lakes and rivers. Because they start with original logs, unmarked by saws and nails, the mill can provide unusually long lengths and broad widths. Write in No. 253



A sampling of some of the specialty flooring woods available from SANDY POND HARDWOODS. From the top: Birdseye maple heartwood, birdseye maple sapwood, tiger maple, cherry, flame birch, oak. Write in No. 809



MOUNTAIN LUMBER takes antique longleaf heart pine timbers reclaimed from pre-1900 structures and mills them into flooring with exceptional figuring. This first-growth timber was originally valued for its strength and resistance to decay and insects. Today, it's equally prized for its color, grain, and hardness. Write in No. 826



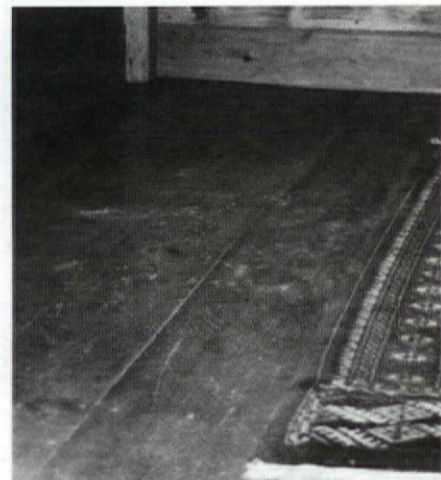
Monticello parquet, designed by Thomas Jefferson for his home in Virginia, is one of a series of traditional hardwood flooring designs available from ANDERSON HARDWOOD FLOORS



Teak plank flooring from QUALITY WOODS, LTD., is one of the hardest woods available, making a floor of unsurpassed durability. Write in No. 327



Wide pine boards, especially appropriate for homes in the Early American style, are milled on both sides by CARLISLE RESTORATION LUMBER to a finish thickness of 15/16 in. (rather than 3/4 in.) to match flooring in early homes. Lengths range from 10 to 16 ft., which minimizes joints on long runs. Write in No. 145



Eastern White Pine (one of the original flooring materials in colonial America) is still available in newly sawn boards up to 30 in. wide. CRAFTSMAN LUMBER specializes in providing wide, completely straight pine boards with carefully controlled moisture content. Write in No. 432

Building? Remodeling?

Think of



First!

Timbers, Logs, Timber Trusses, Stress Skin Panels, Nail Base Panels, Lumber, Flooring, Paneling, Siding, Decking, Shingles, Finishes, Spikes, Lags, Brackets ... and more!!

(800) 765-9663

Call for a complete catalog.

Don't build without us!

WRITE IN NO. 323

Sandy Pond Hardwoods



LUMBER and FLOORING

TIGER and BIRD'S-EYE

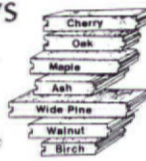
Curley Ash, Curly Oak
Curly Cherry, Curly Birch

(717) 284-5030

921-A Lancaster Pike, Quarryville, PA 17566

WRITE IN NO. 809

Flooring that Fits
First, Last
and Always



(207) 897-5211

P.O. BOX 146 EAST LIVERMORE, MAINE 04228

GREGORY LUMBER CO.

322 ETHAN ALLEN HIGHWAY, DEPT. TB
RIDGEFIELD, CT 06877

Complete Inventory of Native Hardwood
& Softwood Species and Exotics

LARGE SELECTION OF QUALITY HARDWOODS

ROUGH SAWN BEAMS

Pine • Oak • Cedar • Fir

IN-HOUSE DRY KILN

Hardwood Plank Flooring

Hardwood Mouldings in Stock

Call for a price list, or visit our store

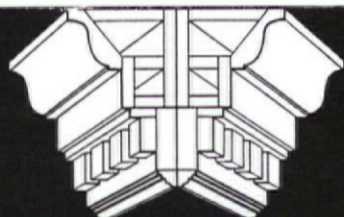
Route 7, Ridgefield, CT

(203) 431-3332

SAW MILL LOCATED ON PREMISES



WRITE IN NO. 824



CENTER LUMBER CO.

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

WRITE IN NO. 680

What if you had a facelift and nobody noticed?



1 9 2 2 1 9 9 1

Actually, we were delighted. Only the local residents took notice when Pasadena, California's San Rafael bridge was recently restored. That's what happens when one respects the original design and faithfully reproduces each detail. If you're involved in a restoration project, large or small, let Dura Art Stone provide the perfect bridge between period craftsmanship and modern materials and technologies. Otherwise, your project may get more attention than it should.



Plants in: Newark, California • Fontana, California • Forest Park, Georgia
P.O. Box 666, Fontana, CA 92334 (714) 350-9000 (800) 821-1120 FAX (714) 350-9632

DURA ART STONE

LANDSCAPE • INTERIOR
GARDEN • ARCHITECTURAL

WRITE IN NO. 820



- Discover custom-designed meticulously hand-carved pieces of elegance.
- Carvings of any size, lovingly crafted for discriminating tastes and opulent surroundings.
- Lavish works for private corporate and ecclesiastical applications.



DIMITRIOS KLITSAS

Fine
WOOD
SCULPTOR

705 UNION ST. WEST SPRINGFIELD, MA 01089

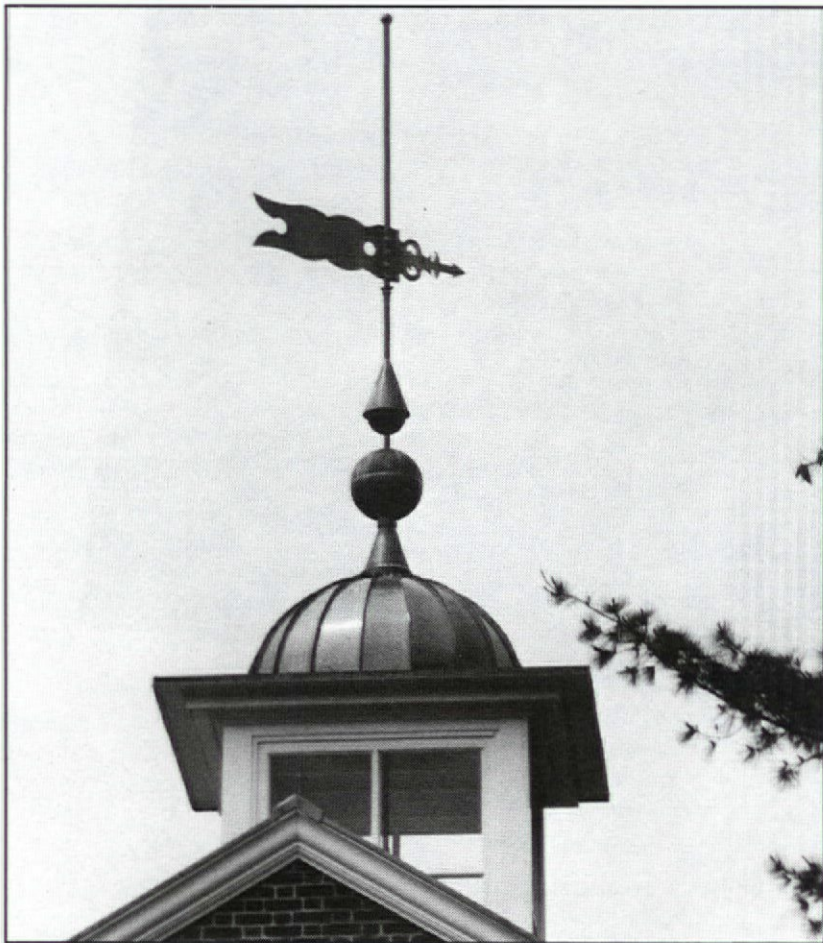
(413) 732-2661

WRITE IN NO. 738

Division 10: SPECIALTIES

SLATE & COPPER SERVICES INC.

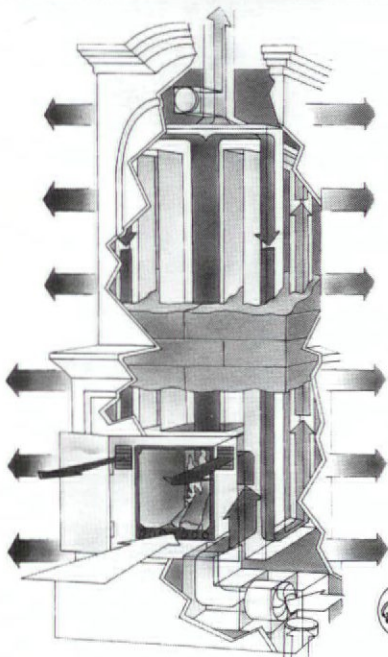
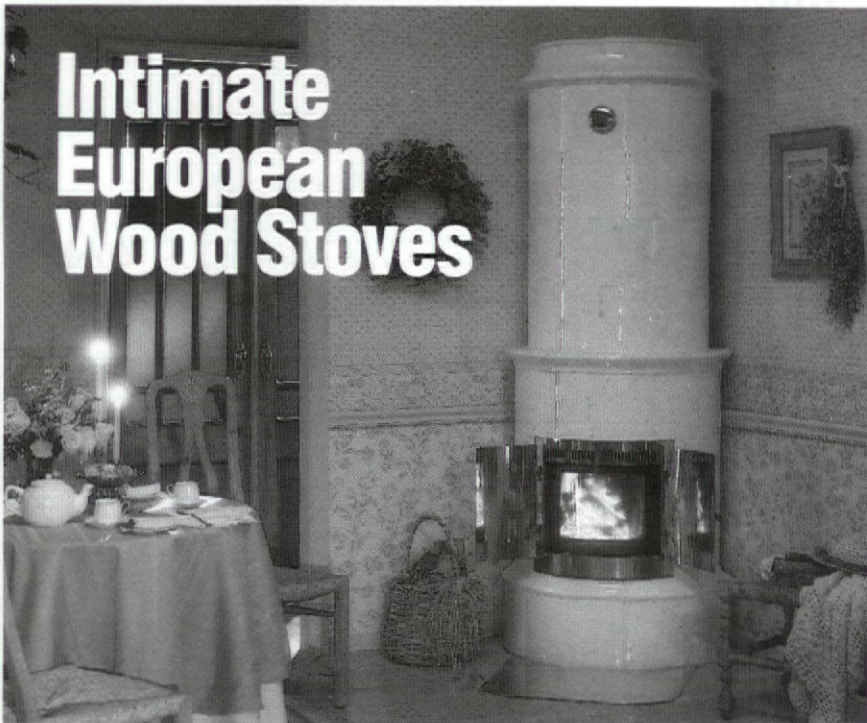
Restoration of slate and copper roofs.
 Fabricators of custom finials,
 weathervanes, and roof ornaments.
 Consultants for slate, tile,
 and copper roof projects.
 Suppliers of new and used roofing slate.



70 Saxonia Ave., Dept. TB, Wyckoff, N.J. 07481
Contact: Brian Stearns / 201-848-8898
 or **Larry Stearns / 802-862-9246**

WRITE IN NO. 721

**Intimate
 European
 Wood Stoves**



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

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

ROYAL CROWN
 European Fireplaces

WRITE IN NO. 566

LANDMARK RIGGING INC.
 STEEPLEJACKS



INNOVATION & TRADITION IN THE PRESERVATION OF
 AMERICA'S HISTORIC STRUCTURES

- ❖ MILLWORK & CARPENTRY ❖
- ❖ MASONRY & STONEMWORK ❖
- ❖ STRUCTURE & FRAME ❖
- ❖ COPPERWORK ❖
- ❖ GILDING ❖
- ❖ WEATHERVANES ❖
- ❖ LIGHTNING PROTECTION ❖

63 MAIN STREET, FLORENCE, MA 01060 413-586-4121

WRITE IN NO. 759



NIXALITE BIRD CONTROL



Nixalite architectural bird control protects 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
 925 - 10th AVE - BOX 727
 EAST MOULINE, IL 61244 - 309-755-8771
 800-624-1189 - FAX 309-755-0077
 SPECIALISTS IN BIRD CONTROL

WRITE IN NO. 37

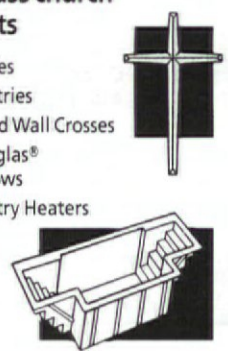
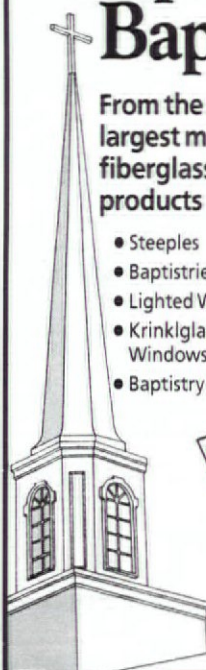
Chestnut NEW, ANTIQUE & CUSTOM DESIGN
Salt & WEATHERVANES
 American Handcrafted
 651 Route 6A, West Barnstable
 Cape Cod, Massachusetts 02668
 Lectures • Appraisals • Displays
 Illustrated Brochure, \$2.00 Refundable

WRITE IN NO. 659

Steeple & Baptistries

From the world's largest manufacturer of fiberglass church products

- Steeples
- Baptistries
- Lighted Wall Crosses
- Krinklglas® Windows
- Baptistry Heaters



Call or write for our free catalog
 1-800-527-1459
 P.O. Box 1340
 Henderson, TX 75653-1340

FIBERGLASS SPECIALTIES INCORPORATED

WRITE IN NO. 731

SMITH-CORNELL
 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 29A-TB PH: 419-893-8731 (OH)
 Maumee, OH 43537 800-325-0248

WRITE IN NO. 46

Division 12: FURNISHINGS

INTERIOR SHUTTERS & FOLDING SCREENS

Crafted with simple, authentic pegged mortise and tenon joinery. Movable louver and raised-panel shutters made to your custom size.

For product information, send \$1.00 to: **KESTREL MANUFACTURING**
Dept. TB-9, St. Peters, PA 19470-0012
or call (215) 469-6370.

WRITE IN NO. 774

For FREE product information, use the enclosed postcard or the form on page 50.

Reggio Registers

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. Available for \$1.00 from: **The Reggio Register Co.**
Dept. Z109, P.O. Box 511
Ayer, MA 01432
(508) 772-3493

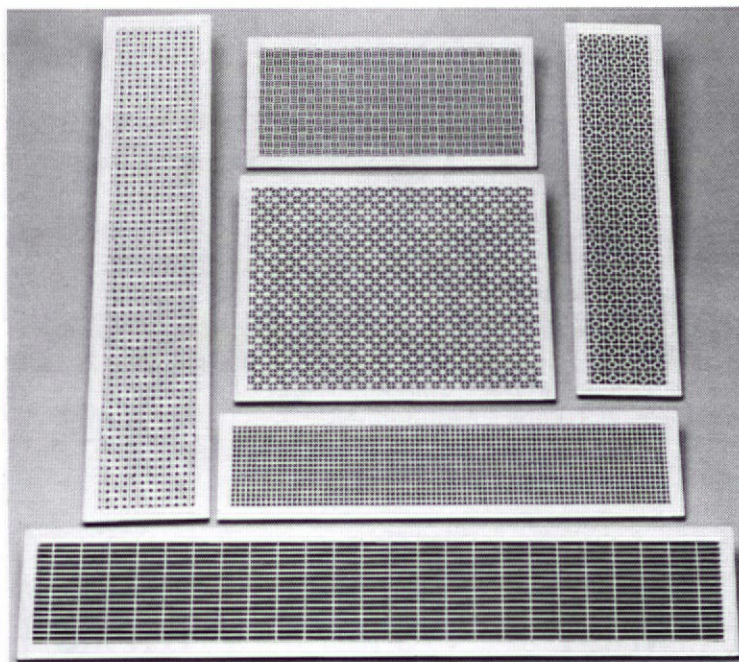


WRITE IN NO. 581

Division 15: MECHANICAL

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

Two new finishes available: Brass plated & Nickel plated chrome



Barker Metalcraft manufactures a wide variety of custom metal grills that solve a host of problems in restoration, renovation, and new construction.

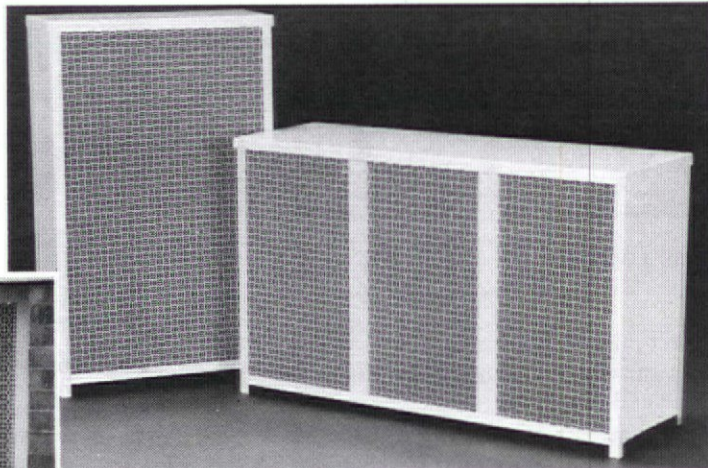
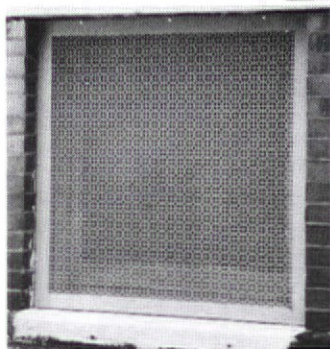
• **Any Size** — We'll cut to your exact measurements — no waste. And no need to change your project to fit a stock grill. *All Barker grills and radiator covers are custom-built to your specifications.*

• **Many Finishes & Colors** — Barker offers six grill patterns — in two plated metal finishes and seven enamel colors.

• **Many Styles** — Barker grills can be ordered in several variations:
Flat Grills - Flat Grills with a 1" border
Drop-in Grills for walls and floors - Overfit grills

MANY APPLICATIONS

- Decorative Security Grills •
- Floor Vents • Wall Vents •
- Radiator Covers • Convectur Grills •
- Baseboard Heat •
- Window Guards • Speaker Covers •



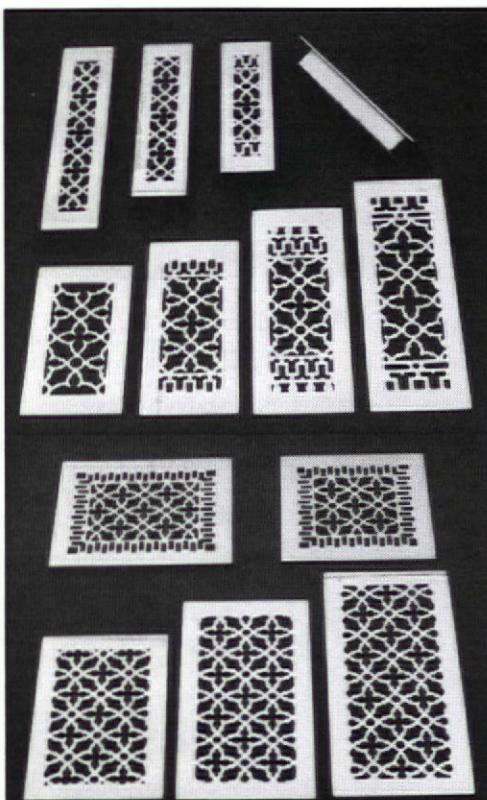
Most grills shipped within 48 hours. Call for a free catalog.



Barker METALCRAFT

• 1701 W. BELMONT, DEPT. TB, CHICAGO, ILLINOIS 60657 (800) 397-0129 •

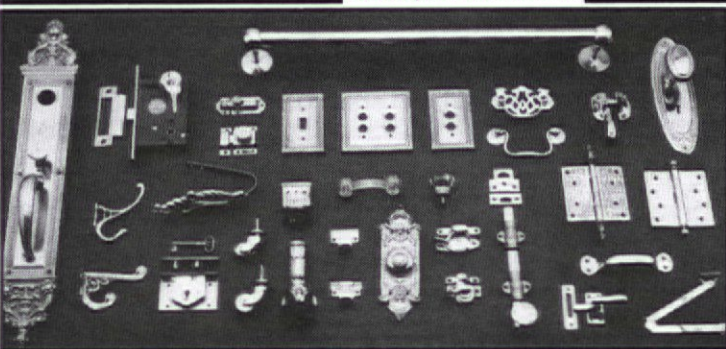
WRITE IN NO. 767



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.

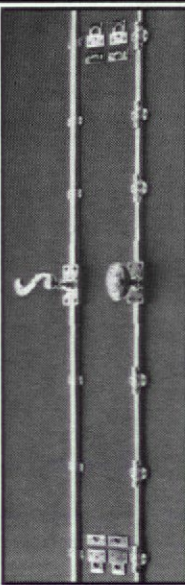


ZF-10 Beautiful heavy cast Solid Brass polished & lacquered 4" center faucet set w/- porcelain lever handles & free brass sink pop-up set---only \$95.00
ZF-21 Beautiful Solid Brass-polished & lacquered Widespread faucet set--your choice of 3 handles w/- a free brass sink pop-up set---only \$169.50. Shower/Tub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

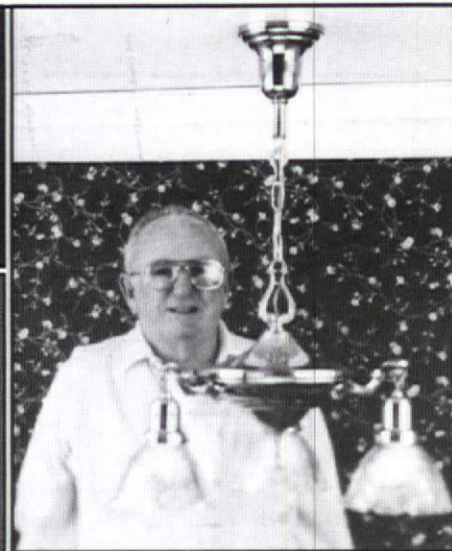


It's hard, if not just plain impossible, to show you in a small ad such as this, the incredible range of products we have "in stock". Yes, "in stock"! We have 99.4% of our items always in stock (from records of 1990 shipments) and can ship to you the same day. So, while we might be distant from you, 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 in the 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.

WRITE IN NO. 672



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



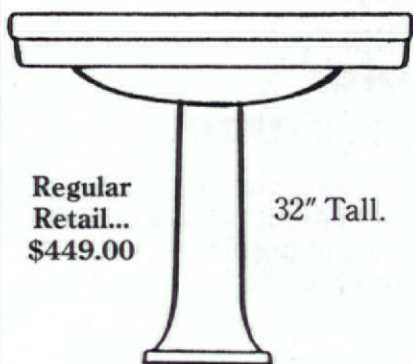
"Restoring with these products is a pure joy. They are such nice people and very efficient along with it." Jim Wilbert Sr., Sunnyvale, CA.

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

SUPER SINK SALE!!!

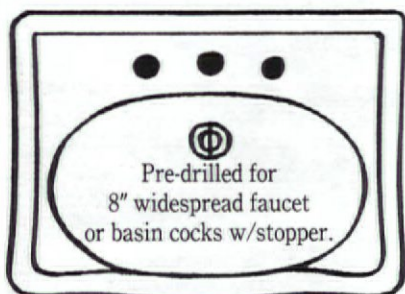


Regular Retail... \$449.00

32" Tall.

BELOW WHOLESALE PRICES ON HARD-TO-FIND SQUARE-DESIGN WHITE CHINA PEDESTAL SINKS.

CLEARANCE PRICED AT ONLY **\$199.00 EACH!!!**
Plus applicable freight costs.



Pre-drilled for 8" widespread faucet or basin cocks w/stopper.

Top Size: 21½ X 27½

Don't miss this opportunity to save on our most popular sink design. Quality guaranteed or your purchase price (minus all freight costs) will be cheerfully refunded. (When ordering, ask operator about restrictions on returns). Special pricing also available on select faucets and accessories.



ORDERS ONLY CALL: **1-800-522-7336**

Ask for Dept. OHJ-9

FOR MORE INFO CALL: (214) 271-0319 OR FAX US AT (214) 271-9726. MC, VISA, and Discover accepted.

HARDWARE +Plus, Inc.
701 East Kingsley Rd.
Garland, TX 75041

Your all-in-one source for old house restoration, furniture hardware and parts, restaurant decor, amusement parks, and film and theatrical set props and supplies.

Our complete architectural binder is only **\$10.00.**

WRITE IN NO. 652

" The Most Complete Traditional and Victorian Bathroom Catalog Available Today "

80 pages of fine quality hard to find bathroom fixtures and fittings.

ORI-118 RUD-63 IMP-1804 HARB-1 BES-999 LAU-1110 SUN-1 V-166 IMP-1801 81166 IMP-1805 CORNER SINKS ALL-1

SPECIAL PROMOTION!
Complete top of the line solid brass, or chrome shower system to fit any type of tub, originally \$650, **NOW ONLY \$349!**
Different styles of handles, valves, and shower heads. Other models from \$150. Large order discount.

TUBS NEW & RESTORED FROM \$650

CUSTOM DESIGN YOUR OWN FAUCET!

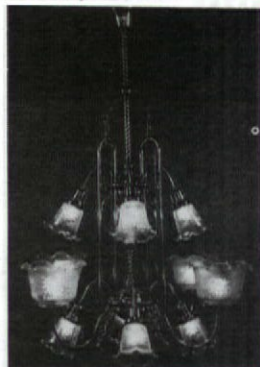
MANY STYLES!

BESCO PLUMBING "Elegance in porcelain and brass with a touch of the past."

To order catalog (\$5 refundable w/ purch.) call or write: in MA 1-617-423-4535, Outside MA 1-800-344-3656, Fax 617-265-5662
Showroom: 729 Atlantic Ave., Boston MA 02111 / Warehouse: 66 Von Hillern Rd., Boston MA 02125

WRITE IN NO. 768

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

MIDGET LOUVERS — The Original... The Best Answers to Ventilation Problems of



• Used in Industries, Laboratories, Marine, Electronics and many Building applications.
• Available in Aluminum, Chrome, Plating and Anodized Aluminum. Sizes 1" to 6" in various types.

AIR HEAT LIGHT SOUND MOISTURE

— Write for Descriptive Catalog. —

MIDGET LOUVER COMPANY

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

WRITE IN NO. 270



FINE EUROPEAN FAUCETS AND ACCESSORIES

WATERCOLORS

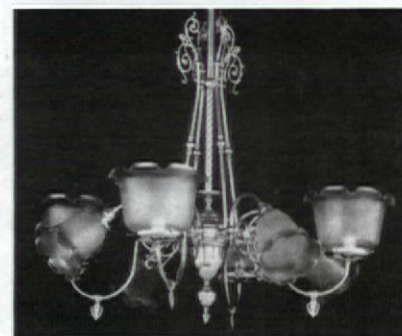
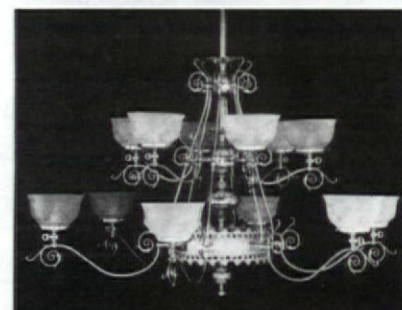
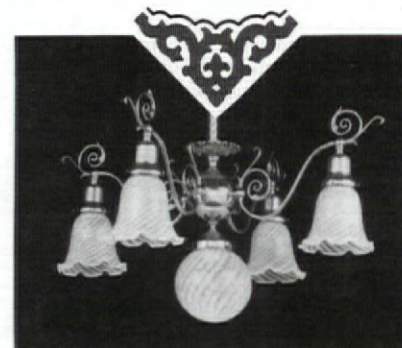
GARRISON ON HUDSON NEW YORK 10524 914 424 3327

WRITE IN NO. 53

If you want to subscribe to **TRADITIONAL BUILDING**, please give us a call at **718-636-0788**

Division 16: ELECTRICAL

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



SATURN



SCONCE



FLUSH

THE ORIGINAL CAST LIGHTING



A DIVISION OF ART DIRECTIONS, INC.
6120 DELMAR BLVD.
ST. LOUIS, MISSOURI 63112
314 - 863-1895 • FAX 314 - 863-3278

WRITE IN NO. 436

EARLY AMERICAN ONION LANTERNS

- For indoor or outdoor use
- Constructed from Solid Copper & Brass

SEND \$2.00 FOR COLOR CATALOG SHOWING NUMEROUS MODELS AND STYLES OF POST LANTERNS, WALL LANTERNS, SCONCES, CHANDELIERS, ETC.



NEWSTAMP LIGHTING COMPANY
227 Bay Road, North Easton, MA 02356
(508) 238-7071

Established 1939
WRITE IN NO. 80

Buy Direct From The Maker.



Solid Casted Brass Original Victorian Creations, Sconces, Chandeliers, Floor and Table Lamps

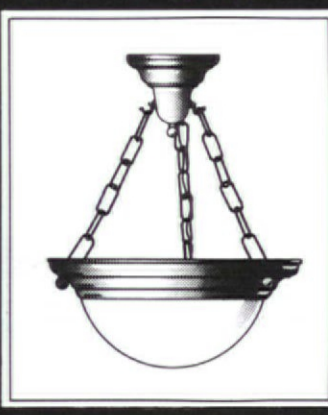
CATALOG — \$1.00

Wilson Heritage

208 York Road • Towson, MD 21204
(301) 583-7775

WRITE IN NO. 754

SIMPLY ELEGANT FIXTURES



SOLID BRASS AND CRAFTED TO THE HIGHEST QUALITY STANDARDS.

CATALOG • \$2.00

CONANT CUSTOM BRASS
P.O. BOX 1523
BURLINGTON, VT 05402
802-658-4482

WRITE IN NO. 62

For free product information, fill out the enclosed postcard, or use the form on page 50.

MACQUARRIE & NICCUM COPPERSMITHS

Hand Crafted Weathervanes



Lights Custom Designs

203-749-2774
OR
413-566-8559

P.O. Box A • Somersville, CT 06072
Illustrated Brochure \$3.00

WRITE IN NO. 654

HOW TO LIGHT AMERICA

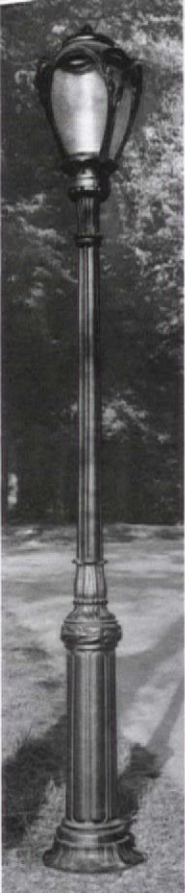
SPRING CITY DOES IT WITH GRACEFUL, ORNAMENTAL CAST IRON LIGHTING POSTS

Look around America and you will see Spring City Cast Iron Lighting Posts as part of the charm of landscapes in thousands of cities, towns and villages. There are reasons for the wide popularity of these posts: grace and beauty to enhance any location; the enduring quality of cast iron; historical accuracy and the superb American craftsmanship which has been a tradition at Spring City for over 60 years.


The light sources we offer include: mercury vapor; metal halide and high pressure sodium.

Call or write today for our full color literature.

See Us in Sweets and LA File



MADISON POST
Shown in New York City's Public Park System. Heights vary from 6'3" to 12'6" (excluding luminaire + adapter), 18 1/2" O.D. base. Available with twin arms for 2 luminaires and as a bollard.






WASHINGTON POST
Shown at the Peabody Hotel in Memphis, Tenn. 12' to 16'10" heights (excluding luminaire) 21" and 24" O.D. bases. Available as 4 or 5 luminaire unit.

SPRING CITY ELECTRICAL MFG. CO.
P.O. Drawer A, Spring City, PA 19475-0030
Phone: 215-948-4000
FAX: 215-948-5577

WRITE IN NO. 103

New Lights

Urban Archaeology

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


WRITE IN NO. 299

Lighting by HAMMERWORKS

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



Custom Blacksmithing & Lighting



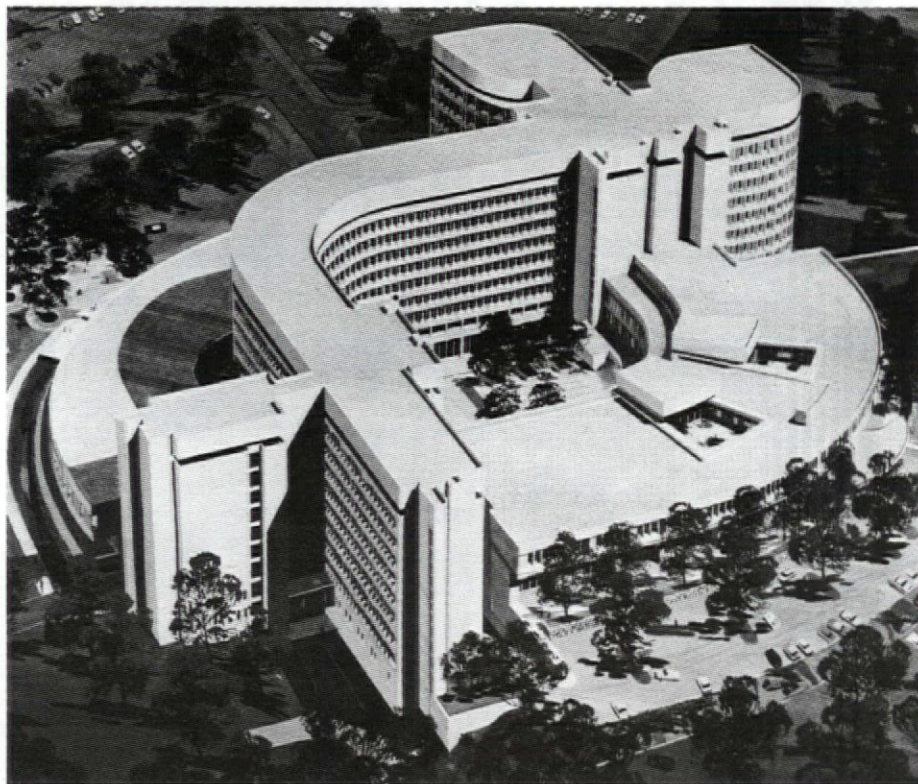
Catalog Available \$3.00 (from Worcester)

6 Fremont St., TB6
Worcester, MA 01603
(508) 755-3434

Metro West Plaza, Rt. 20, TB6
Marlboro, MA 01752
(508) 485-6721

WRITE IN NO. 604

PROFILE: ALVIN HOLM
continued from page 5



In his preclassical days with Vincent G. Kling & Partners, Holm designed a health center for the University of Connecticut

Retreating From Modernism

After a recession struck in the early '70s, Holm discovered more gaps in his schooling. He began hunting restoration jobs for Kling, since no more schools or office towers were needed, and realized that no one would entrust vintage structures to the firm. "The work went to the older guys with small firms who'd been languishing, and who'd been trained before the war and who understood traditional construction techniques," says Holm. By the mid '70s, with "Roots" and the Bicentennial inspiring widespread interest in heritage, Holm's already shaky commitment to modernism collapsed.

"I decided we had created a world that was not as nice as the one we had replaced," he says. "And all

that honesty nonsense about a building expressing its structure or its mechanics — the average person passing by couldn't care less. I realized all old buildings are lovable and new buildings, except for a very few products of individual genius, are just so much lifeless, joyless junk."

He left Kling in 1976 and undertook two c.-1800 house-museum restorations: The George Read II House and Eleutherian Mills, a complex that includes the E. I. DuPont residence and nearby gunpowder mills, all in Delaware. The former had changed little since its construction, and Holm spent months minutely examining its components. The latter, which stood near gunpowder mills, had been blown to bits six times in its lifetime and rebuilt each time in the neoclassical style of the day, al-



A Palladian window and ornate iron balcony grace the facade of the house

lowing Holm to view the many possible incarnations of his soon-to-be-favorite style.

When he began teaching architectural history at the Art Institute of Philadelphia in 1978, his new direction crystallized. "As I read up to prepare for the course," he says, "classicism kept recurring, both chronologically and geographically. I realized that it is politically neutral, and it can go anywhere, in any material, with any local labor. The Romans built the same temples and villas and baths in the desert that they built in the English countryside. It truly is the International Style." That same year he re-read *The Golden City* by Henry Hope Reed, founder of Classical America. He contacted Reed and adopted him as his mentor, and at Reed's suggestion he enrolled in a drawing course taught by Pierce Rice, a director of Classical America. Holm took the course five times in a row: "It permanently altered my ap-

proach not only to drawing but to design in general."

So far his classical projects include a Palladian garage and car wash, several rich woodwork-lined restaurants, a dozen residential and commercial renovations, and a handful of from-the-ground-up homes, the most recent being a Palladian country house for H. C. Frick II. Holm has found that classicism makes life easier on the job site: "Even for workmen who've never done anything in the style before, it makes sense, it seems like something that comes from a higher authority rather than a whim." Among his prize designs are a plan (as yet unbuilt) for a four-tower office/retail/hotel complex in San Antonio and a domed float which led Bush's inaugural parade and is based on verbal descriptions of a parade structure that celebrated the 1787 signing of the Constitution. Not that the style's witty side has escaped him; he has



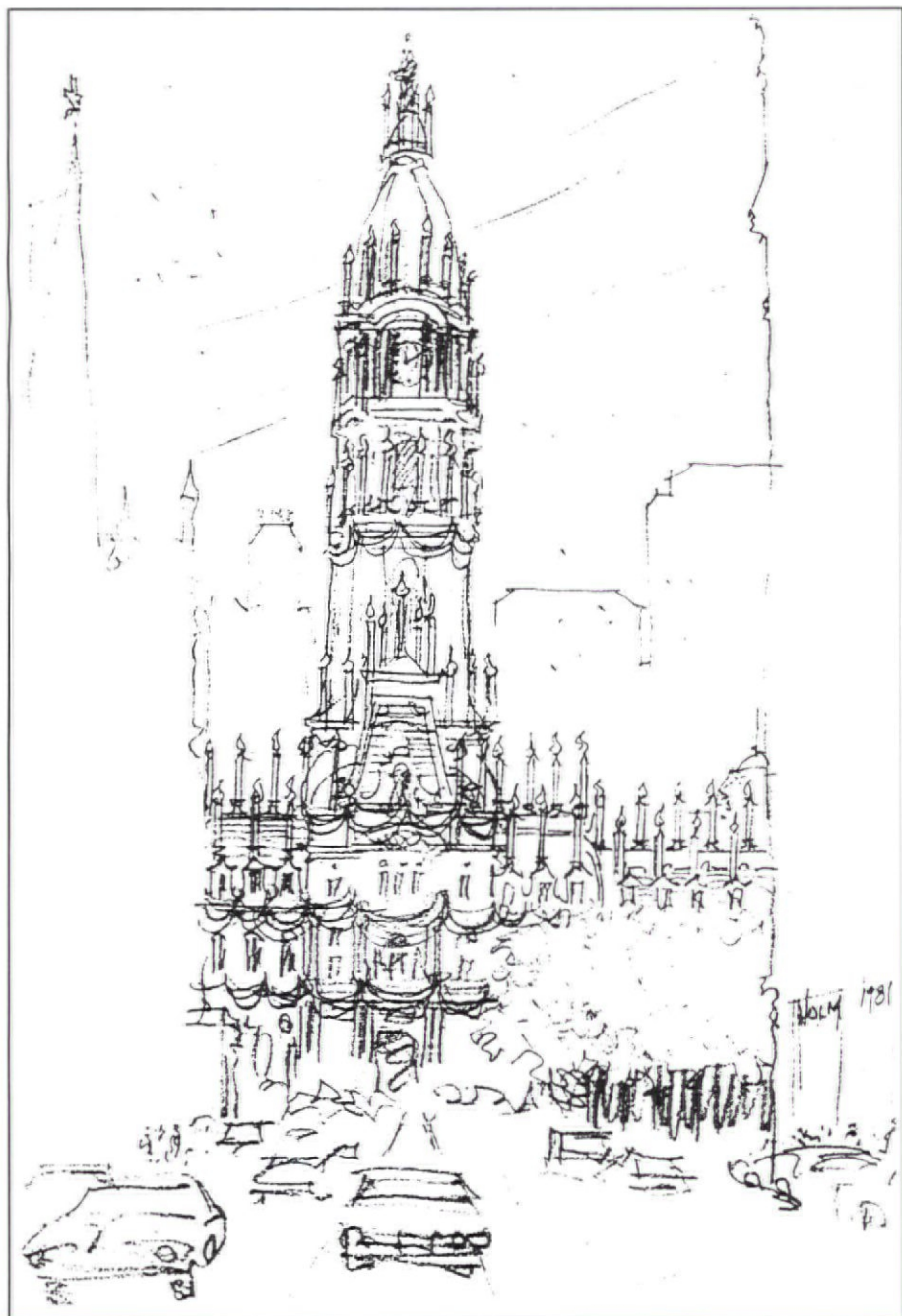
A classical country house under construction. Associates Ann Sutphin AIA and Tami Siegal ASID were in charge



Stone acorns cap the roof balustrade



Holm added a classical colonnade to a Pennsylvania residence



Delving into classicism's lighter side, Holm has a tongue-in-cheek proposal to transform Philadelphia's City Hall into a monumental birthday cake

proposed to transform Philadelphia's City Hall into a giant birthday cake (with candles on every cornice) and to plant an eighty-foot statue of Bacchus with drink in hand in Manhattan's Times Square.

Sharing His Knowledge

He also takes great pride in the many ways his office has enabled other practitioners to enjoy classicism. For example, the office produced the drawings for reinstating classical or-

ders into *Architectural Graphic Standards* after a 50-year absence. Holm has also taught the style to hundreds of eager acolytes: Since 1981 he has offered a course in classical fundamentals at Manhattan's National Academy of Design, under the auspices of Classical America (and he attributes much of what he now teaches to Reed and Rice). Several of Holm's former students (including Donald Rattner, *Traditional Building's* Nov./Dec. 1990 profile) offer versions of his course around the country; and Martin Brandwine, another former student, is now taking over Holm's National Academy course. Although pleased with classicism's reawakening, Holm is not yet complacent; he regrets that not every structure he sees meets Palladian or Vignolan standards, and he remains modest about his own contribution to the movement.

"It's the perennial philosophy bubbling up," he says. You see, he considers classicism one of humankind's more sophisticated efforts to reach the essence of Platonic

truth; and he believes that while the style may wander in and out of the mainstream, it will never vanish. He worries that he sounds a little New Age when expounding these theories, but he is nonetheless driven by them. "Look at this Corinthian capital," he says, pulling a stone one off a shelf in his office. "The same number of leaves, the same volutes, the same rosettes appear hundreds of thousands of times, in dozens of diverse materials over several thousand years, but it's not as if it's easy to make one. That gives credibility to the legend of the Athenian sculptor, Callimachus, who created the Corinthian capital as a memorial to a maiden in a form that would never change. Like Athena, it sprang from the head of a man, full-blown and ready to live forever."

He puts the capital back on the shelf and gazes fondly at it. "I'm not interested in self-expression at all," he says. "I just want to be part of classicism's massive integrity, and I want to help spread the word." ♦

ALL-DAY WORKSHOP INTERIOR RESTORATION SKILLS



October 26, 1991
Friends Meeting House
New York, New York

Sponsored by:
The Brownstone Revival Committee
The New York Landmarks Conservancy
Traditional Building Magazine

A faculty of nationally known authorities will share their know-how on the most critical phases of restoring historic interiors.

- Fabrication & Restoration Of Ornamental Plaster
- Restoring & Refinishing Wood Floors
- The Lost Arts of Decorative Painting
- Restoration & Duplication Of Woodwork
- Selecting and Hanging Historic Wallcoverings
- Modern Illumination From Historic Lighting

Faculty for this all-day workshop includes: **Bruce Bradbury**, *Bradbury & Bradbury Wallpapers*; **Jeff Greene**, *Evergreene Painting Studios*; **Alan Barr**, *Towne House Restorations*; **Jim Boorstein**, *Traditional Line, Ltd.*; **William T. Weber**, *Kinnari-Silberman Restoration*.

Registration fee: \$75. For complete program details and registration information, write, call or FAX:

INTERIOR RESTORATION WORKSHOP
c/o TRADITIONAL BUILDING
69A Seventh Ave., Brooklyn, NY 11217
(718) 636-0788 FAX: (718) 636-0750

project report

A Townhouse In The Corinthian Order

Working within the frustrating constraints of a 20-ft.-wide New York City building lot, Buttrick White & Burtis reached out to the French countryside for inspiration and created an elegant new Classical townhouse.

Technically, the job is a remodelling. But in its broad scope, the creation of this Classically styled townhouse is more like new construction.

At the start, architects Buttrick White & Burtis were handed an 1884 Italianate building that had undergone a major, low-quality remodelling in 1930. The structure was distinctly run down. For example, one key feature of the 1930's remodelling — a stucco facade — was badly deteriorated and, in places, falling off.

The clients also gave the architects a major design imperative: Go Classical. The client had a strong liking for Classical architecture, and wanted a building to complement their collection of French furniture and pictures. On the other hand, they did

not want a building that would be too somber or pedantic.

The directive to create a Classical house was quite welcome to BWB, since several of the firm's architects had interests in Classical architecture. The firm had already executed a number of Classical projects, including the recent restoration of the Pulitzer Fountain at 59th Street and Fifth Avenue.

Initially, BWB faced the challenge of getting the project through the Landmarks Commission. Harold Buttrick, Partner-In-Charge, recalled, "The house was immediately adjacent to two high-style French Renaissance limestone houses. My thought was to replace the stucco and create a new limestone house in order to allow it to slip right in and look like it had always been there." The Landmarks Commission agreed and voted overwhelmingly to permit the alteration.

"I'd made several trips to France in recent years," continued Buttrick, "and a house I had greatly admired was Cheverny in the Loire Valley. It was built in the early 17th century and has a great simplicity and elegance which is appropriate for houses today. So when I got the call to do this house, Cheverny came right to mind."

At this point, Buttrick's associate, Mike Dwyer, began to prepare facade studies. His chal-

PROJECT REPORT

PROJECT SCOPE: Complete interior and exterior redesign and reconstruction of a five-story townhouse built in 1884 and remodeled in 1930. The new design had to accommodate the client's preference for classical architecture and be approved by the New York City Landmarks Commission.

LOCATION: Metropolitan Museum Historic District, New York City

ARCHITECT: Buttrick White & Burtis Architects, New York, N.Y. *Partner-in-Charge:* Harold Buttrick, AIA; *Design Associate:* Michael Middleton Dwyer, AIA; *Project Team:* William A. Halsey, AIA; Gary Brewer; Timothy J. Costello; Kung Ko; Ju-Meng Tan

lenge: Extract from a full-blown French chateau the key elements to make a harmonious 20-ft.-wide New York City facade. From Cheverny, Buttrick and Dwyer derived a three-story rusticated facade with pedimented windows, culminating in a simplified, but carefully proportioned, Corinthian cornice and balustrade. After much experimentation, they decided on a two-bay composition for the facade. Using two bays allowed the architects to give the windows generous proportions that fit in nicely with the adjacent houses.

The new front is actually a veneer, made up of elements 4" to 6" thick, cut from Indiana limestone. The limestone elements rest on each other in a thin mortar bed — and are fastened to the previously existing load-bearing wall with stainless steel anchors. BWB specified a "hard" mortar joint rather than a flexible sealant between the limestone elements because they wanted a traditional look to the stonework.

Dwyer said the translation of the facade from working drawings to assembled masonry went quite smoothly. "The cutting and assembly of the stone came off without a hitch," recalled Dwyer. "All the elements we designed were geometric, and the stone shop did an excellent job with the cutting. If we had wanted floral or figural carving, it probably would have been more difficult — and expensive — to get someone to handle that."

The Saga Of The Stairs

The dominant feature of the interior is a dramatic elliptical stair rising four stories, with an elliptical skylight at the top of the stairwell that floods the interior with light.

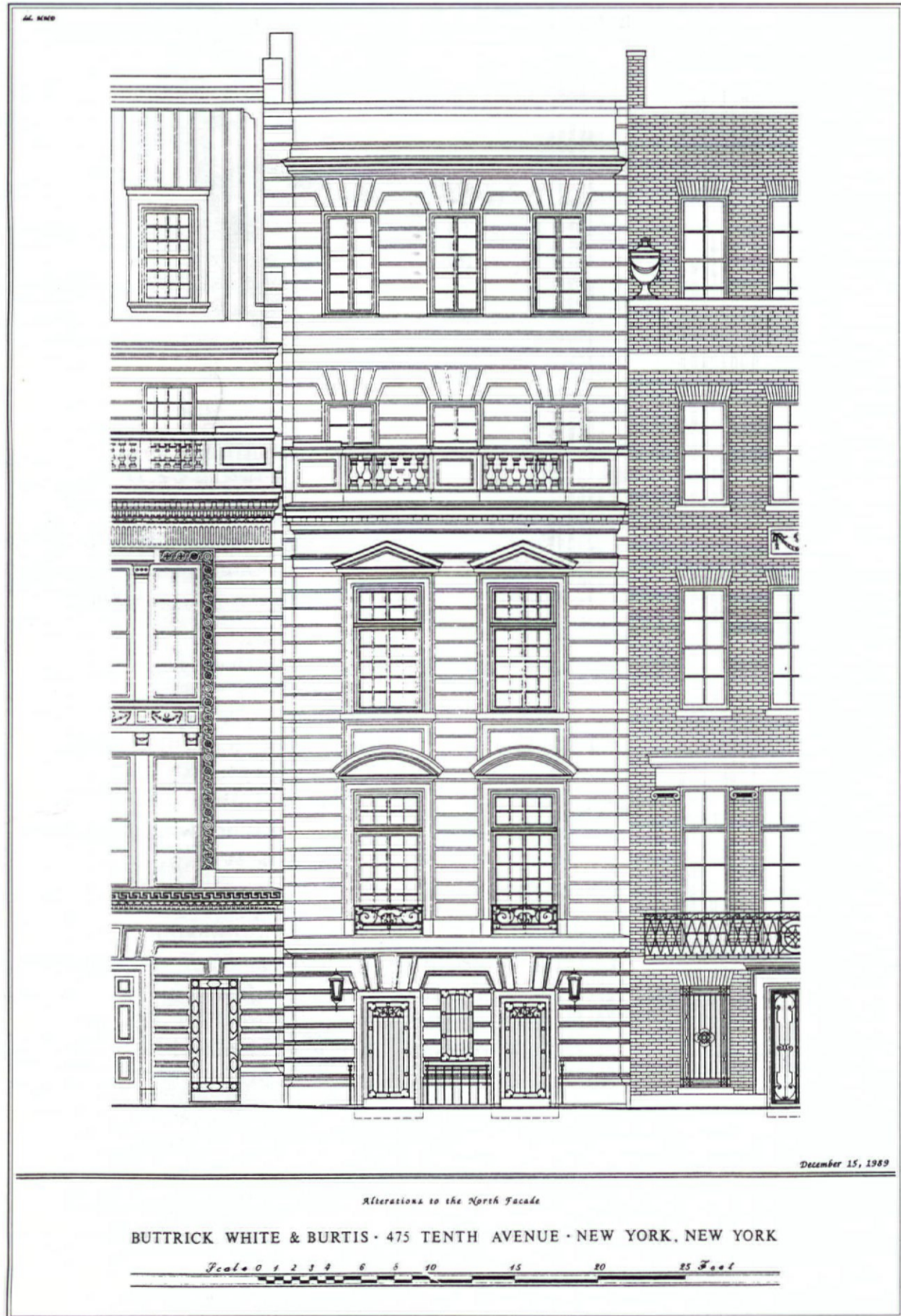
Constructing such a geometrically complex stair is quite a challenge. "The traditional way to build a stair like this," said Harold Buttrick, "is to find a wizened old craftsman who understands the geometry, and have him stick-build the stair in place. However, I had done that on a previous job, and it was a nightmare. The wizened old craftsman took six months to finish... and he held up the other trades while he was working on the stair."

Instead, the architects opted for a shop-built stair. They called in Challis Stairways, who came to the site and took meticulous measurements. The Challis team returned to their shop in Sandy, Utah, and turned the detailed design over to their CAD system. After the architects approved working drawings, the stairs were shop-built and trucked to New York City. The skylight was then removed, and a crane dropped the four sections of stair through the roof. "The stairs were installed in a day, with virtually no disruption in the pace of the job," Buttrick stated with evident satisfaction.

The Classical motifs are carried throughout the interior, mainly with wood moldings and panels that were custom-designed for the job. In addition, there are several major plaster medallions and a plaster Corinthian cornice.

Ready For The Classical

Being asked to design in the Classical style didn't faze Buttrick White & Burtis. Design Associate Mike Dwyer, 38, is one of a small — but growing — number of architects who have received Classical

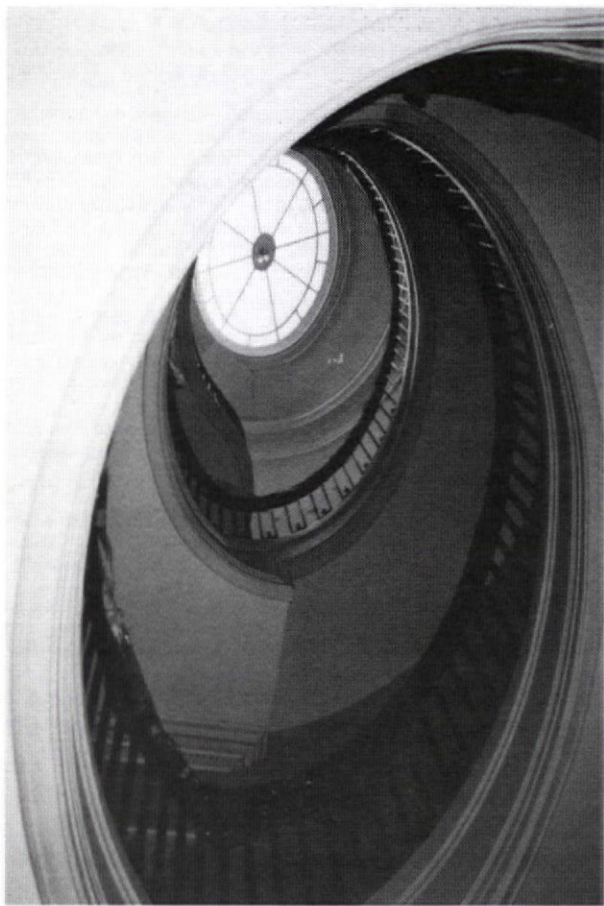


training. "At the University of Pennsylvania School of Architecture, I studied with Allan Greenberg, who is a director of Classical America. Allan taught me that it was intellectually OK to design in traditional styles; one doesn't necessarily have to create 'a bold personal statement' with every job. It's enough to design buildings that are elegant, well resolved, and intelligible to the average person." Harold Buttrick concludes: "We don't have a polemic. We design buildings that contribute something to the city and make our clients happy."

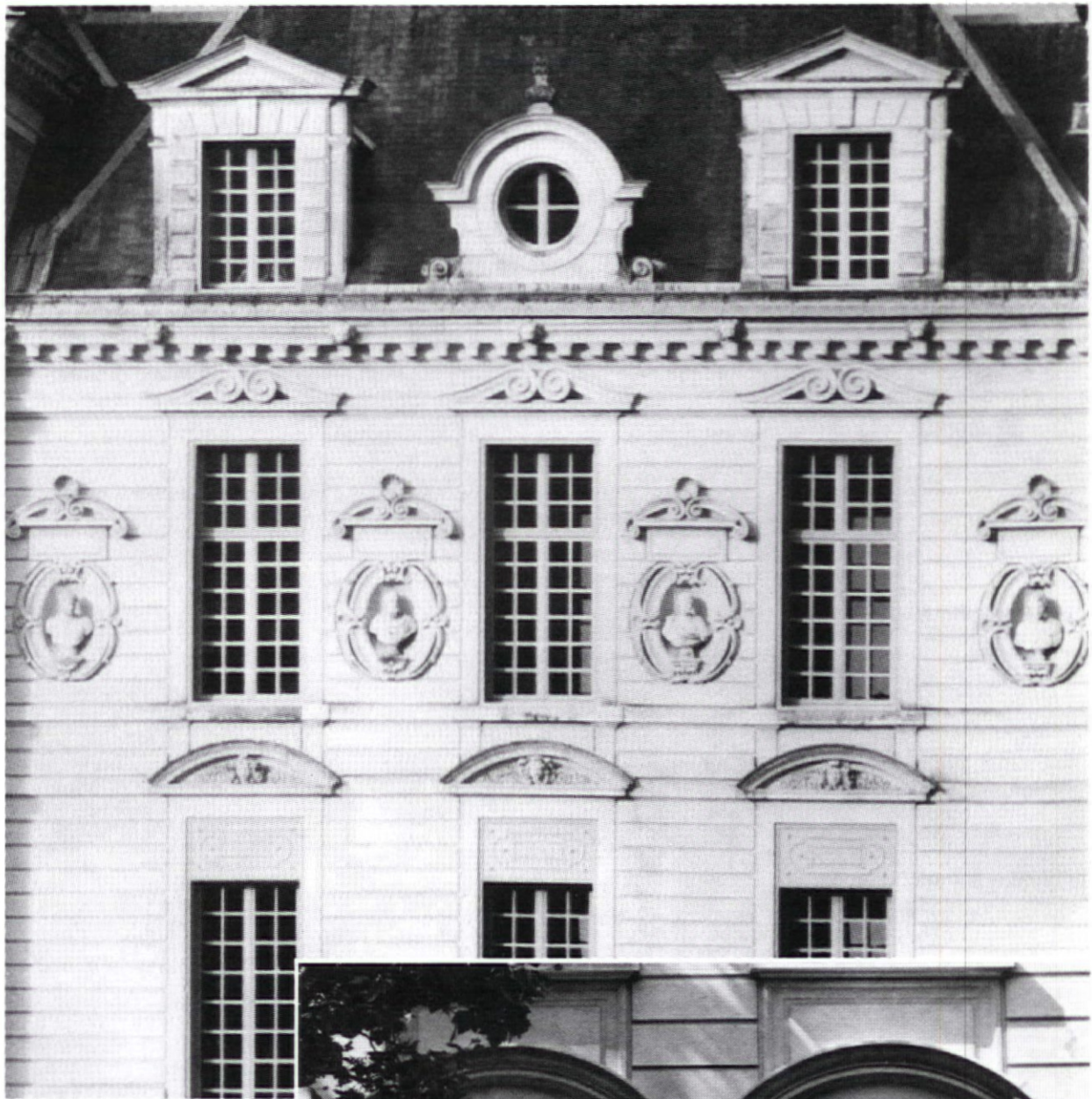
And that is precisely what Buttrick White & Burtis has done on this 20-ft. lot. It's a very avant garde building. ❖ — CL



The new Indiana limestone facade as construction is being completed. Carved stone elements are set in a thin mortar bed — and held to the front wall with stainless steel anchors



The grand four-story elliptical wood stair was shop-built and delivered to the job site via a crane that lowered the four individual sections through the skylight



Cheverny (above), a grand 17th-century house in the Loire valley, provided design references for the new townhouse facade (right)



Development of the plan for the back garden was predicated on use of traditional materials like brick and limestone



Detail of the new carved limestone balustrade that crowns the facade in front of the set-back which starts at the fourth-story level



The rear elevation, which overlooks the back garden, uses carved limestone elements to punctuate the red brick. A copper-sheathed bay window provides additional space and light for the ground floor

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

656. Cast Stone Ornament — Importer of cast ornament from England: Steps and quoins, columns and pilasters, copings, porticos, temples and pavilions, cornices and balustrades, etc. Free literature. **New England Garden Ornaments**

710. Gazebos — Line of elegantly designed and carefully crafted gazebos lend a note of 19th century graciousness to any landscape design. Engineered to meet all building codes. Free brochure. **Vixen Hill Gazebos**

■ 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, eliminates chimney dampness. Easy to install and operate. Free brochure. **Lyemance International**

206. Chimney Liner — Ventinox stainless-steel chimney-lining system installs without breaking through walls. Reduces creosote formation, increases heating efficiency, improves safety. Nationwide dealer network; free brochure. **Protech**

■ Division 5 — METALS

749. Architectural Finials — Company makes finials out of copper, brass, fiberglass, and wood: 3 ft. to 12 ft. heights. Free brochure. **Adornments For Architecture**

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**

729. Copper and Brass Lighting — Lighting for interior and exterior, including sconces in Leadtex for the tin look in old designs. Also available: Copper weathervanes and cupolas. Free brochure. **Copper House**

730. Cupolas & Weathervanes — Offers complete cupola service from design through installation; stock or custom. Also: Large selection of stock or custom weathervanes. Free brochure. **Denninger Products**

556. Imported Metal Gates — Galvanized steel gates are handcrafted in Europe for a traditional look. Free brochure. **Dutch Products & Supply 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**

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**

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**

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**

698. Custom Iron Gates & Rails — Makers of fine hot-forged custom iron gates and rails. Portfolio \$4.

Free brochure. **White Oak Forge, Ltd.**

■ Division 6 — WOOD & PLASTICS

805. Custom Woodturnings — Stocks and custom turns columns, porch posts, newels, balusters, and capitals. Hardwoods & softwoods available. Free brochure. **Abaroot Manufacturing Co.**

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**

816. Wood Restoration Services — Restoration contractor specializes in paint removal & wood refinishing. Also restores & recreates architectural woodwork, floors, plaster walls, and more. Free details. **All Strip, Inc.**

817. Architectural Restoration/Refinishing — Techniques including French polishing, structural repairs, fabrication of new woodwork, color correction. Consulting services. Free brochure. **Anglo Inscape, Inc.**

772. Custom Wood Turnings — Newels, balusters, rail. Can furnish reeding and fluting, as well as hollow stave-work assemblies. Free brochure. **Architectural Lathe & Millwork**

724. Wood Refinishing — Highest quality restoration and refinishing of interior woodwork to museum standards. Free brochure. **Architectural Refinishing**

167. Custom Woodworking — Custom carving and woodwork, fabrication, and repairs: Shutters, mantels, doors, sash, moldings, staircase parts, mirrors, cornices, woodturning & spindles, columns, handrails. Free brochure. **Bare Wood**

841. Woodwork Restoration — Shop specializes in restoration and architectural woodwork. Commercial and residential; interior and exterior. Free flyer. **Carpenter & Smith Restorations**

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.**

175. Epoxy Materials — Wood consolidants, fillers, adhesives, and structural epoxies — developed for historic structures. Consulting, contracting, and training available. Free brochure. **Conservation Services**

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**

14. Turned Millwork — Produces porch parts and other turnings from authentic pattern books of the 19th and early 20th centuries. Custom work also available. Free flyer. **Custom Woodturning**

836. Restoration Woodwork — Specialties include moldings, doors & windows, casework, cabinetry, wainscoting, and curved work. Free brochure. **Davenport Mill**

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.**

837. Custom Turnings — Custom shop provides balusters, newels, rail, columns, and porch parts. Can work from sample, drawings, or photo. Free brochure. **Dugwood Turners**

669. Lead Paint Abatement — Strip lead paint with a thick paste and a fibrous blanket. Peel paint off, along with the paste, and drop the whole mess into a plastic bag. No lead dust is created. Free literature. **Dumond Chemicals**

820. Cast Stone — Replicas of many natural stones: Brownstone, granite, slate, sandstone, slate etc. Cast date blocks, logos, lintels, quoins, entryways, columns & capitals, railings, etc. Free brochure. **Dura Art Stone**

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

189. Molded Ornament — Wide range of interior and exterior molded ornament in both fibrous plaster and fiberglass-reinforced polyester. Custom work a specialty; many large commercial and institutional projects successfully completed. Free brochure. **Edon Corp.**

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

797. Wood Restoration — Clear epoxies for repair or restoration. Restore antiques and artifacts without altering original. Repairs wood, ceramics, stone, porcelain, china and glass. Free brochure. **Epoxy Technology**

821. Columns & Turnings — Moldings, curved crowns, porch posts, capitals, carvings, fluting & spiral rope twist, and other large turnings. Free brochure. **Fagan Design & Fabrication**

732. Architectural Restorations — Company specializes in woodwork restorations and reproductions, from individual elements to complete interiors. Free brochure. **Gest Restorations**

663. GFRG Ornaments — Glass-fiber reinforced concrete products, ranging from exterior wall claddings to replications of historical elements, terra cotta replacements, etc. Free brochure. **GFRG, Inc.**

823. Architectural Restoration — Building preservation and restoration contractor. Museums, residential, commercial, industrial, and church buildings. Interior & exterior. Free brochure. **Glenco Construction Co.**

822. Formed Millwork — Molded millwork won't rot or decay, crack, splinter or shrink. Easy to install with nails and adhesive. Over 600 items in stock. Pre-finished with 5 year warranty. Free brochure. **Glen-Tec**

478. Custom Spiral Stairs — Spiral and curved stairs are custom-built to your specifications. Available in welded steel or solid wood. Free brochure. **Goddard Mfg. Co.**

814. Epoxy Wood Repair — Versatile 2-part epoxy bonds and coats wood. Ideal for rot repair where moisture resistance and strength are priorities. Originally developed for boat repairs. Free brochure. **Gougeon Brothers**

825. Historic House Plans — Traditional house designs updated with modern floorplans. Victorian & Farmhouse portfolio features styles with towers and wrap-around porches. Free brochure. **Historical Replications**

839. Wood Restoration/Custom Carving — Museum-quality restoration and custom carving of wood or plaster ornament. Free literature. **Huggler-Wyss America**

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**

361. Porch & Stair Parts — Traditional porch & stair parts in oak and hemlock. Newel posts, post tops, balusters, and railings. Extensive collection of stock elements. Free brochure. **Mansion Industries**

563. Architectural Woodwork — Interior raised-panel shutters, wainscoting, or raised panel walls — crafted in any size or hardwood. Free brochure. **Maple Grove Restorations**

777. Historic Woodwork — Interior and exterior millwork for historic projects: Frame and panel doors, window frames and sash, wall paneling, wainscoting, etc. Detailed shop drawings. Free brochure. **McDan Woodworking**

815. Stairs & Parts — Supplies complete stair assemblies or stair parts: Newels, balusters, treads, handrail, and fittings. Select from standard stairs or custom work. Free brochure. **Millwork Specialties**

765. Historic Signage — Fabricates signs, restores facades, designs interiors — including faux marble and trompe l'oeil. Also: Exterior designs and consultation on custom projects. Free brochure. **Musgrove Design**

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**

840. Fire Retarding Lumber — New process increases wood's fire resistance. Low-cost, non-allergenic, non-toxic and non-corrosive. Free literature. **New England Fire Preventer**

827. Architectural Millwork — Millwork for restoration and new construction: Moldings, doors, window & door trim, chair rails, baseboards, rosettes, & plinth blocks. Free brochure. **Oakwood Woodworks**

828. Paint Stripping — Distributors of Paint Buster's brand architectural stripper, a chemical system for stripping interior woodwork quickly and easily. Free literature. **On Site Wood Restoration**

707. Wood Columns — Millwork based on designs from 1870 to 1920 in clear heart redwood, oak, & mahogany: Balusters, newel posts, porch columns, railings, & custom turning. Catalog free. **Pagliacco 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**

829. Antique Woodwork — Wide selection of architectural antiques, including: Doors, fireplaces, par-

quet floors, molding, stained and beveled glass windows. Free brochure. **Past Present Future**

744. Molded Ornament — Extensive line of exterior and interior rigid polyurethane molded ornament. Facilities for custom moldings. Free brochure. **Perma Life, Inc.**

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.**

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**

830. Wood Refinishing — Non-abrasive cleaner and finish removes years of wax, grime, dirt and silicone. Cleans antiques, woodwork, floors. Free brochure. **Reliable Finishing Products**

838. Wood Restoration — Wood restoration and replication services for windows, doors, stained glass windows, ornamental trim, cornices, porches, etc. Free information. **Restoric, Inc.**

832. Architectural Woodturnings — Millwork specialties, custom furniture, and architectural woodturnings. Free brochure. **Sheppard Woodworks**

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**

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**

757. Window Restoration — Epoxy work, frame routing, prime coating, and conversion to IG glass. Shop work. Free brochure. **Specialty Glazing & Supply**

833. Architectural Woodworking — Designs and builds cabinetry, finish carpentry, woodwork, kitchens, cornice restorations, plasterwork & more. Free brochure. **Stahl Restorations**

487. Custom Stairs — Stairways made from wood, steel, brass, stainless steel, etc. Each stairway is designed and built from scratch. Free brochure. **Stairways, Inc.**

834. Paint Stripping — Paint & varnish remover strips varnish and all types of paint from furniture, floors, woodwork, fiberglass, etc. Doesn't burn skin, raise grain, or harm glue joints. **D.E. Stanley Co.**

835. Wood Restoration — Large-scale woodwork refinishing, restoration, and maintenance contractor. Commercial or residential. Free literature. **Warwick Refinishers**

752. Architectural Wood Carvings — Carving of moldings, mantels, brackets, rosettes, coats of arms, furniture, advertising models, signs, etc. Free literature. **Frederick Wilbur, Carver**

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**

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**

■ Division 7 — MOISTURE PROTECTION

818. Manufactured Slate Roofing — 100% slate particles bound in sophisticated polymer system provides uniform product and ease of application. Established track record. Free brochure. **BritSlate, Inc.**

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

Roofing Slate — Major producer of Vermont premium natural roofing slate and flooring. Available colors include: sea green, mottled purple, grey-black and more. For information call 518-642-2270. **Hilltop Slate, Inc.**

742. Roof Restoration — Installer and consultant for slate and tile roofing. Specialties include custom slate, tile, and copper roofing. Reasonable prices. Free literature. **Midland Engineering Co.**

634. Concrete Tiles — Reinforced concrete roofing tiles can replicate wood shakes and many other traditional shapes. Integral colors. Economical, long-lasting. Free Brochure. **Richmond Precast Concrete Products**

746. Architectural Roofing — Company does slate and tile roofs, custom copper work, waterproofing, wood roofs, gutters and leaders, chimneys, sheet metal roofs, and complete exterior restoration. Free brochure. **Rogers Roofing Co.**

831. Roof Cresting — Decorative ridge tile & finial designs based on European styles. Easily installed on any roof: Shingle, slate, tile, metal etc. Free brochure. **S&H Architectural Supplies**

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

423. Fancy-Cut Shingles — Manufactures a wide variety of fancy-butt 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**

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

585. English Hardware — Importer of highest-quality English brass & bronze hardware, and custom ceramic plaques. Also: Custom cast ironwork. Free brochure. **Architectural Hardware, Ltd.**



TRIM 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 DECEMBER 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

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. Bathroom Fixtures & Hardware — Turn-of-the-century bathroom fixtures and accessories; reproduction & antique. Classic brass hardware and hard-to-find parts. Free brochure. **Bathroom Machineries**

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

769. Stained & Beveled Glass — Company offers your choice of designs, colors, and textures. 25 standard sizes with round top or rectangular frames; insulated glass options. Free color brochure. **Bovard Studio Stained Glass**

819. Custom Windows & Storms — Any size or shape storms, including segment heads, curved and true divided lites. Inside or outside installation. Free literature. **Dubuque Sash & Door**

397. Custom Glass — Superior insulating glass in custom sizes and shapes. Can temper glass in sizes up to 96" x 178" and ship anywhere in the U.S. Also: Carrara glass for storefronts. Free brochure. **Floral Glass & Mirror**

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

802. Glass For Storm Windows & Doors — Energy-conserving low-E glass is designed specifically for storm windows and doors. Free brochure. **Libbey-Owens-Ford Co.**

760. Door & Window Hardware — Exclusive importer of a wide range of traditional house hardware; over 21,000 items available. Free brochure. **Maguire Iron**

146. Replacement Wood Sash — Wood sash in any size and shape: Divided lite, round top, curved, double-hung, fixed, casement, or storm sash. Insulated glass. Also: shutters, screen doors, and trim. Free brochure. **Midwest Wood Products**

232. Interior Storm Windows — Simple interior storm window consists of a sheet of glass or acrylic set into a vinyl gasket within a U-frame aluminum channel. Spring-loaded mounting clips allow easy cleaning and removal. Free brochure. **Panelair**

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

801. Interior Insulating Windows — Custom-fitted acrylic interior panels preserve historic exterior while stopping cold and drafts. Easy to remove & clean. Free flyer. **Thermo-Press Corp.**

784. Victorian Screen Doors — Authentic Victorian screen-storm doors in a wide range of styles and sizes. Custom work. Free brochure. **Touchstone Woodworks**

123. Cedar Shutters — Shutters are crafted from clear old growth western red cedar. Joints are mortise-and-tenon with teak locking pins. 5 traditional styles in standard and custom sizes. **Vixen Hill Shutters**

Specialty Wood Windows — Palladians, straight, and fan transoms. Single-, double-, or triple-glazed; thin muntins. Also: Solid wood doors with insulating core. For pricing, call: (802) 722-9217. **Woodstone Co.**

Division 9 — FINISHES

243. Antique Wood — Vast selection of antique wood for restorations and historical reproductions. Aged planks of American chestnut, white pine, yellow pine, mixed oaks, hemlock, and rare woods. Also hand-hewn beams. Free brochure. **Aged Woods**

466. Antique Heart Pine — Specialist in antique building materials, especially virgin growth antique heart pine and red tidewater cypress. Plank flooring, paneling, trim moldings, and other millwork. Free brochure. **Albany Woodworks**

245. Plaster Ornament — Custom-made and in-stock plaster ornament: Medallions, moldings, brackets, capitals, sculpture, etc. Specializes in neo-classic and turn-of-the-century ornament. Free catalog. **Architectural Sculpture**

329. Architectural Millwork — Doors & entries, paneling, moldings, columns, balustrades, stairways, cabinetry. Specializes in materials for restoration of 18th- and 19th-century buildings. Free brochure. **Architectural and Timber & Millwork**

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**

395. Antique Building Materials — Old floor boards, barn boards, antique glass, hardware, doors, and hand hewn logs. Boards 4" to 16". Old log houses. **Sylvan Brandt**

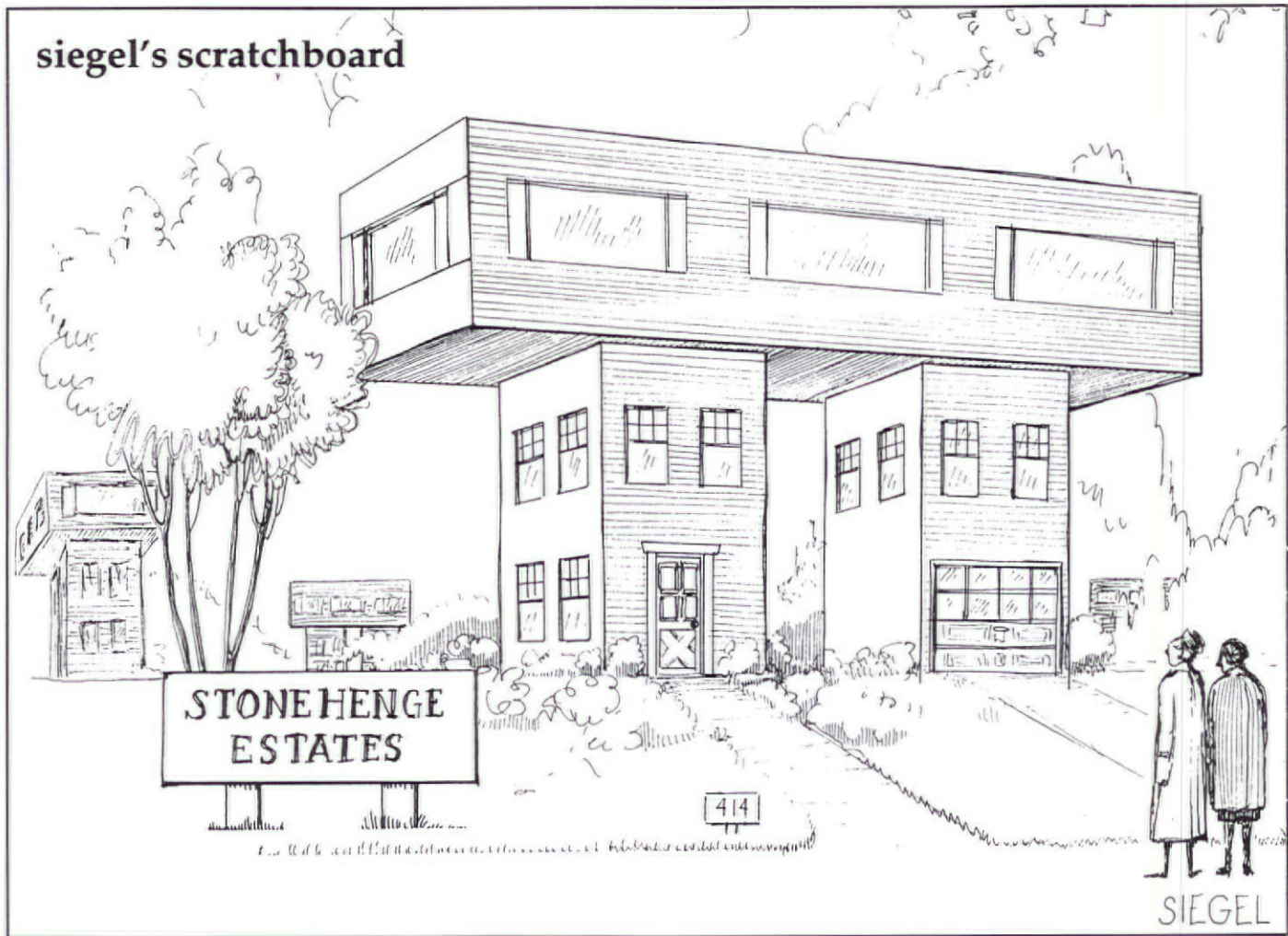
693. Victorian Carpet — Real Victorian carpet is woven on 19th-century machinery, using original designs. Hundreds of authentic patterns available. English lace for window treatments. Free brochure. **J.R. Burrows & Co.**

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**

145. Wide Boards — Wide pine or oak floor boards, ship-lapped boards, feather-edged clapboards. Design consultation on flooring and paneling. Serves Maine to Maryland. Free brochure. **Carlisle Restoration Lumber**

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.**

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**

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**

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 wainscoting. Free brochure. **Craftsman Lumber**

638. Sculptural Restoration — Restorer specializes in public monuments, sculpture, and masonry facades. Chemical cleaning, rebuilding or replacing damaged elements are just part of services offered. Free brochure. **Creative Sculpture**

Plaster Ornament — Hundreds of plaster ornaments from late-19th and early-20th centuries — made using original molds. Ceiling medallions, brackets, grilles, cornices, much more. For pricing, call: 312-847-6300. **Decorator's Supply**

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

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.**

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

806. Wood Flooring — Rift/quarter sawn, Appalachian red, white oak, ash, walnut, American cherry, maple, hickory, and plank flooring available. Distributed nationwide. Free brochure. **Grafco Hardwood Floors**

417. Wide Pine Flooring — Spruce and pine clapboards and flooring. Clapboards are radially sawn to provide more dimensional stability and better paint adhesion than conventional clapboards. Free brochure. **Granville Manufacturing**

824. Wood Flooring — Stock strip flooring to custom wide plank flooring in various woods, thickness, and patterns. Free brochure. **Gregory Lumber Co.**

807. Antique Heart Pine — Tongue & groove flooring, beams & stair parts, all kiln-dried and remilled from antique timbers. Free brochure. **The Hardwood Group**

323. Wood Paneling & Flooring — Hand-hewn timbers for exposed-beam construction; also a wide variety of hardwood paneling & flooring. Free brochure. **Hardwood Exchange**

738. Hand-carved Wood — Custom-designed hand-carved wood. Carvings of any size, in any style, for furniture or architectural ornament. Free brochure. **Dimitrios Klitsas**

Wood Floors — Plank floors from Northern Appalachian hardwoods, as well as numerous other species. Three basic flooring patterns and 4 joint styles. Specialize in long, wide, clear planks. Call (207) 897-5211. **Livermore Wood Floors**

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**

779. Restoration Millwork — Stock and custom moldings, T&G paneling, beaded wainscoting & ceiling, rosettes, and plinth blocks. Hardwood flooring; custom widths and thicknesses available. Free brochure. **Morse Lumber and Millwork Co.**

826. Antique Heart-Pine Flooring — Besides flooring made from antique longleaf heart-pine flooring, mill also supplies paneling, beams, rough-sawn lumber, mantels, doors, stair parts, etc. Free brochure. **Moun-**

tain Lumber Co.

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

743. Plaster Ornament — Line of French interior ornament includes patterns suitable for major installations such as ball rooms, theaters, malls, etc. Residential also. Free brochure. **Nostalgia, Inc.**

810. Kiln-Dried Hardwood — Oak, cherry, hardwood moldings. Walnut, butternut, oak & cherry flooring. Crowns, casings, chair rails from choice stock. Free brochure. **Mark Potvin Lumber**

327. Parquet Flooring — Parquet and wide-plank hardwood flooring from exotic imported Asian hardwoods. Finished and unfinished available. Also: Laminated oak planks. Free brochure. **Quality Woods, Ltd.**

42. Documentary Papers & Fabrics — New collection of fabrics and wallpapers is based on originals found in America's great historic houses. Available through interior designers and fine shops. Color brochure. **Richard E. Thibaut**

811. Custom Flooring — Custom wood flooring in wide variety of hardwoods and softwoods. Stair parts, moldings, millwork, doors, cabinetwork. Free brochure. **Sampson & Son**

809. Hardwood Flooring — Specialist in Tiger and Birdseye Maple flooring and lumber — as well as other varieties of maple, birch, cherry, ash and oak. Free brochure. **Sandy Pond Hardwoods**

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.**

812. Heart Pine Flooring — Specialist in heart pine flooring milled from antique first-growth southern longleaf pine timbers. Free brochure. **Vintage Pine Co.**

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**

213. Wide Plank Paneling & Flooring — Flooring, custom siding, paneling, molding, and custom wood-working in antique longleaf heart pine, wormy chestnut, oak, and select new hardwoods. Free brochure. **Woods Company**

Division 10 — SPECIALTIES

731. Fiberglass Church Products — Line of fiberglass church products includes steeples, baptistries, light wall crosses, kirkglas windows, and baptistry heaters. Free catalog. **Fiberglass Specialties**

759. Steeplejacks — High-altitude millwork and carpentry, masonry and stonework, structural repairs, copperwork, gilding, weathervanes, and lightning protection. Free brochure. **Landmark Rigging, Inc.**

37. Pigeon Control — Get rid of bird pests with inconspicuous stainless steel needles that eliminate roosts — without harming building. Humane and practical. Free flyer. **Nixalite**

566. Masonry Stoves — Masonry stoves that can be covered with soapstone, stucco, or tiles. Cylindrical and rectangular models available. Solid brass doors. Free brochure. **Royal Crown**

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

721. Architectural Roofing — Specialists in restoration of slate and copper roofs. Fabrication of custom finials, weathervanes, and roof ornaments. Consultation services. Free literature. **Slate & Copper Services**

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**

Division 12 — FURNISHINGS

774. Interior Folding Screens — Raised-panel, louvered, lattice, interchangeable fabric, and shoji

designs. Free Brochure. **Kestrel Manufacturing**

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**

767. Metal Grilles — Radiator covers custom made to your measurements. Drop-in grilles, flat grilles, grilles with borders, convactor grille covers, and more. Free Brochure. **Barker Metalcraft**

768. Bathroom & Kitchen Fixtures — Large selection of period bathroom & kitchen fixtures, antique & reproduction. Sinks & faucets in many styles, sizes, and finishes; shower systems to fit any type of tub. Free literature. **Besco Plumbing and Heating Co.**

652. Bathroom Fixtures — Sinks: Pedestal, drop-in, old and new styles. Clawfoot tub sets and accessories. Faucets: Tub and shower, widespread and centersets. Much more. Free flyer. **Hardware Plus**

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**

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

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**

53. Edwardian Faucets — Importer of English Edwardian and Italian style faucets, fittings, washbasin sets, bath/shower and bidet sets in chrome, brass, gold, and enamel finishes. Catalog. **Watercolors**

Division 16 — ELECTRICAL

436. Authentic Reproduction Lighting — Art Deco and other turn-of-the-century lighting fixtures are cast directly from original fixtures. Antique fixtures also available. Free brochure. **Art Directions**

766. Historic Lighting — Vast selection of highest quality lighting reproductions, from 18th century through early 20th century; Residential, commercial, and institutional. Standard designs and custom. Free catalog. **Ball & Ball**

62. Ceiling Fixtures — Solid brass ceiling fixture with hemispherical frosted glass globe looks like the Art Deco lights of the 1920's and '30's. Also available in polished chrome. Free brochure. **Conant Custom Brass**

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**

654. Copper Lanterns — Coppersmiths create handcrafted weathervanes. Lanterns and lighting custom designed. Free brochure. **MacQuarrie & Niccum**

80. Lanterns & Sconces — Large selection of Early American lanterns, sconces, and chandeliers for indoor and outdoor use. Constructed from solid copper and brass. Catalog free to professionals. **Newtamp Lighting**

103. Cast-Iron Light Poles — Highest-quality cast-iron light poles in historical styles can be purchased separately, or with wide selection of luminaires. Also sign poles, clock supports, and bollards. Custom work. Free brochure. **Spring City Electrical**

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**

754. Victorian Lighting — Solid cast brass, original Victorian creations. Sconces, chandeliers, floor and table lamps. Free brochure. **Wilson Heritage**

Authentic reproductions — stock and custom — from 18th to early 20th centuries:

HISTORIC LIGHTING

More Experience, More Styles

Lighting fixtures of many styles, sizes, and shapes are produced by Ball & Ball — the one constant source for quality historical products since 1932. Major restorations from Independence Hall in Philadelphia to Iolani Palace in Hawaii have called on our production and finishing experience to create the proper historic fixtures for them.

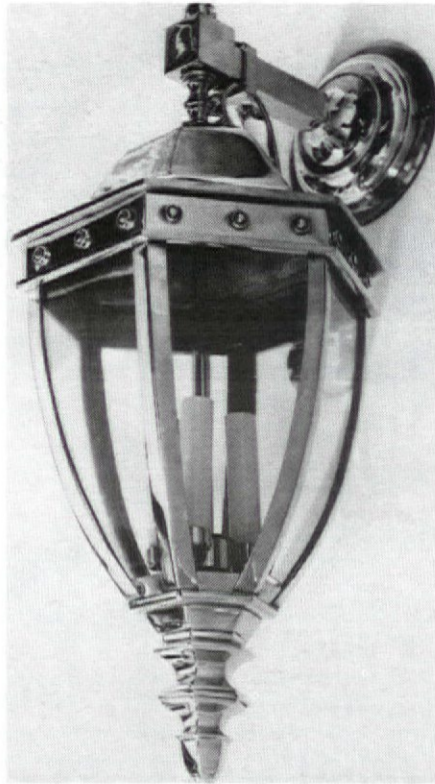
In 1989, we purchased the drawings and tooling of The Steinmetz Company — producers of unusually fine detailed commercial-sized lighting fixtures in the early 20th century. This was a natural expansion for our craftsmen and expertise. All fixtures shown here were produced in our own plant. We welcome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



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



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

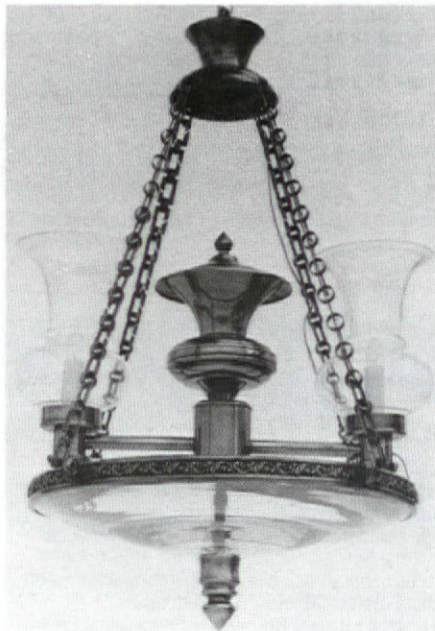


■ Wall-mounted exterior light, 20" high and 13" across, produced from original Steinmetz Co. drawings. Hex-shaped cap, body, and base are made from cast brass. Glazing can be bent, hand-blown glass, or shatter-resistant plastic. In addition to exterior lighting, applications for this light include accent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

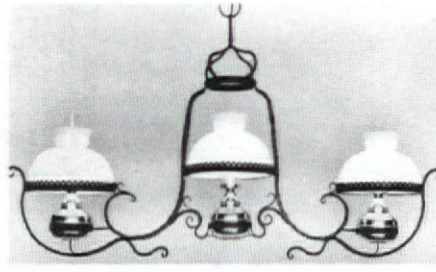


■ Wall sconce, c. 1835, cast brass with hand-blown glass. Fixture is 28" high and 14" wide.

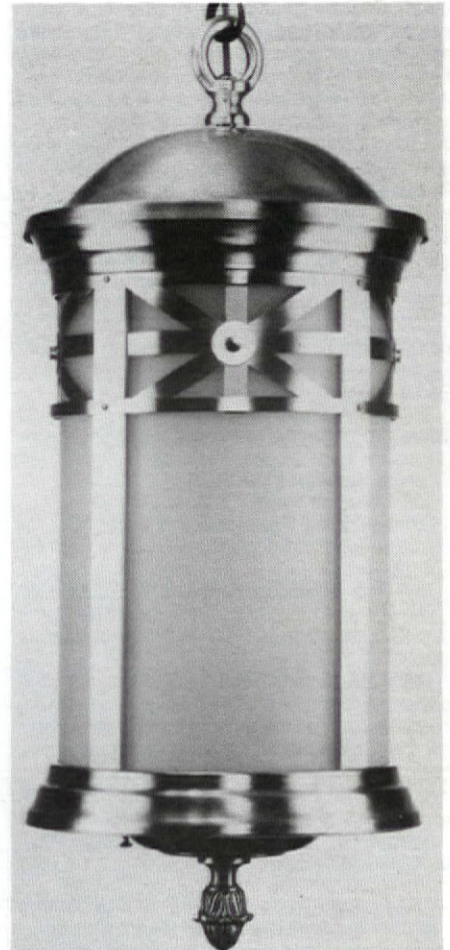
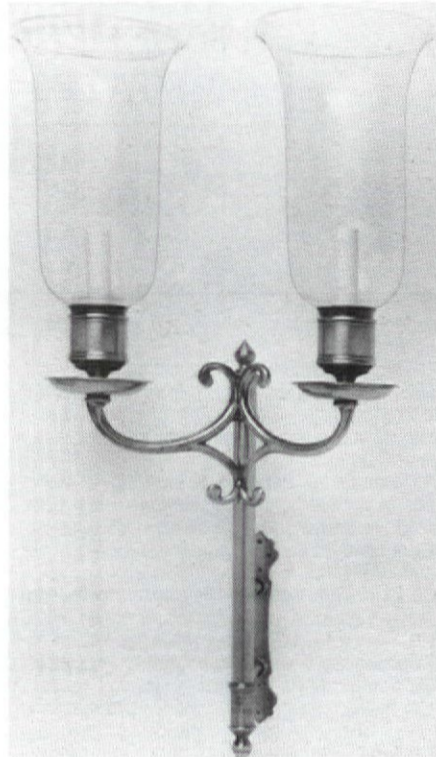
■ Lighting fixture made by The Steinmetz Co. to hang in a lower level hall of the U.S. Capitol. Made of cast brass, spun brass, and fluted brass tubing, it features etched glass on all 6 sides and bottom. It is 22" high to the column top, 19" across. Center of the bottom is hinged for bulb changing.



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



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



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

Lighting Fixture & Hardware Catalogs

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

Ball & Ball is also the leading source of historically accurate house and furniture hardware, door locks, fireplace equipment, decorative and household accessories — both reproduction and antique. Repairs, copies, or polishing of your precious antiques are quoted on receipt of sample.

Our FREE Mini-Catalog provides an introduction to a full range of products and services. (Write in No. 293 on the Reader Service Form.) Or for \$5 we'll send you (via UPS) our handsome 108-pg. product catalog. But even the 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 Lighting & Historical Hardware

463 West Lincoln Highway

Exton, PA 19341

(215) 363-7330 FAX (215) 363-7639

WRITE IN NO. 293 For HARDWARE MINI-CATALOG. WRITE IN NO. 766 For LIGHTING CATALOG.