NEW: THE FAX CONNECTION
The Fastest Way To Get Product Information
When an immediate project requires you to get product information
RIGHT AWAY, use the new FAX CONNECTION on p. 76. It's the
fastest way to get action!

• Companies noted with • have pre-filed their
product literature in the 1993 TRADITIONAL
BUILDING CATALOG for your convenience. Con-
sult your office copy of the 1993 CATALOG for
immediate access to this product data.

SPECIAL FEATURES
Classical Mouldings ............................................. 4
Profile: C. Dudley Brown ....................................... 5
Chimney Restoration ........................................... 9
Exterior Cornices ............................................... 14
Wood Mouldings ................................................. 22
Columns & Capitals ............................................. 30
Victorian Revival ................................................ 41
Book Reviews .................................................... 76
FAX Connection .................................................. 76
Product Literature .............................................. 77
Siegel's Scratchboard ........................................... .78

SPECIAL REPORT:
CHIMNEY RESTORATION
IN THE NEWS
Chimney Safety ............................................... 9
Chimney Products SourceList ............................... 10
Chimney Products Portfolio ................................ 12

RELATED PRODUCT ADVERTISING
• Ahrens Chimney Technique ............................. 13
• Benson Chimney Control -------------------------- 13
• Brickyard ..................................................... 13
• Certified Chimney Contractors ....................... 13
• Fireplace Technologies, Inc. ............................ 11
• Golden Fire Systems ....................................... 9
• Homestead Chimney ....................................... 11
• Lymanne International .................................... 21
• National Supaflex Systems .............................. 11
• Old Virginia Brick Co. .................................. 11
• ProTech Systems .......................................... 11
• Rutland Products ......................................... 11
• Watson Sweeney Co. ..................................... 8
• Z-Flex ....................................................... 9

RELATED PRODUCT ADVERTISING
Restoration '93 Congress/EGL ........................ 71
PFG, Inc. - Preservation Supplies ...................... 6
Yazoo Mills .................................................... 6

SPECIAL REPORT:
EXTERIOR CORNICES
IN THE NEWS
Specifying FRP Cornices ...................................... 14
Exterior Cornices SourceList ............................... 16
Exterior Cornices Portfolio ................................ 18

RELATED PRODUCT ADVERTISING
• Alpha-One Fiberglass Exteriors ....................... 20
• Architectural Facades Unlimited ..................... 17
• Architectural Fiberglass Corp. ......................... 19
• Art Home Studios ......................................... 21
• Boston Valley Terra Cotta ............................... 23
• Campbellville Industries .................................. 17
• Crosswinds Gallery ....................................... 13
• Fiberglass Specialties, Inc. ............................. 20
• Fischer Artworks .......................................... 13
• Historical Arts & Casting ............................... 21
• Kent,LP Corp. ............................................. 17
• Kucera, David ............................................. 21
• Lake Shore Industries .................................... 13
• Midland Engineering Co. ............................... 19
• Miller Ornamental Sheetmetal ......................... 19
• Molded Fiber Glass ...................................... 20
• Molloy and Associates ................................... 20
• Roca Noto Sculpture Studio ............................ 19
• Salt & Chestnut Woodturners ......................... 13
• Seal Reinforced Fiberglass ................................ 20
• Smooth-On ................................................. 18
• Vulcan Supply ............................................ 19

SPECIAL REPORT:
WOOD MOLDINGS
IN THE NEWS
Wood Mouldings SourceList ............................... 24, 26
Wood Mouldings Portfolio .................................. 28
Columns & Capitals SourceList ............................ 32-36
Columns & Capitals Portfolio .............................. 36, 38

RELATED PRODUCT ADVERTISING
• A&D Wood Design ........................................ 29
• A&M Victorian Decorations, Inc. .................... 27
• Atkinson .................................................... 29
• American Custometwork ............................... 37
• Architect ............................................... 29
• Architectural Products Mfg., Inc. .................... 30
• Ball Consulting .......................................... 30
• Bendix Mouldings ........................................ 23
• Carr Company .......................................... 23
• Center Lumber Co. ...................................... 23
• Chadsworth Columns .................................... 33
• Chesapeake Moulding & Millwork ................... 23
• Chesapeake Mouldings .................................. 23
• Classic Architectural Specialties ..................... 22
• Condon Company ....................................... 22
• Conlon Profiles .......................................... 23
• DEC Associates .......................................... 39
• Dawley Woodworking ................................... 29
• Design Craft, Inc. ........................................ 29
• Decorative Architectural Solutions ................... 29
• Emory .................................................... 22
• Empire Moulding Company ........................... 22
• Executive Woodsmiths, Inc. ......................... 22
• Fagan Designs ............................................ 33
• Fiberglass Masters, Inc. ............................... 39
• Flex Moulding ............................................ 39
• Forester Corporation ..................................... 30
• Garden Ornament Stone ............................... 30
• G.C. Girolami & Company ............................ 30
• Hartmann-Sanders Co. ................................... 30
• Henderson, Black & Greene ............................ 30
• House of Moulding ....................................... 30
• Jewell's Art Wood Turning .................. ........... 30
• MCDG ................................................... 34
• Moulding & Millwork .................................... 34
• Ornamental Mouldings ................................. 34
• Outwater Plastic Industries ...................... ........... 34
• Pagliacco ................................................. 34
• Palazzo II ............................................... 34
• Prime Wood Products ................................... 34
• RI Millwork ................................................. 19
• Schwend Manufacturing ............................... 29
• Somerset Door & Column Co. ....................... 39
• Staaas & Associates, Inc. ............................. 39
• Style-Mark ................................................. 39
• Superior Aluminum Products ....................... 35
• Techtlite Architectural Precast ......................... 27
• Tuff-Kote Co. ............................................ 33
• Tufcork ................................................... 29
• Vermont Custom Doors & More ..................... 29
• White River Hardwoods .................................. 29
• Williams & Hussey ....................................... 29
• Wood-O-Rama ............................................ 29
• Worthington Group ...................................... 29

SPECIAL REPORT:
WALL SURFACES
IN THE NEWS
Revolutionary Fiberglass .................................... 36
Smith & Saylors .............................................. 36
Swanson Mouldings .......................................... 36

RELATED PRODUCT ADVERTISING
• American Fiberglass Molding ......................... 36
• Armstrong Building Products ......................... 36
• Architectural Fiberglass .................................. 36
• Architectural Fiberglass Corp. ......................... 36
• Autocast .................................................. 36
• Bendix Mouldings ........................................ 36
• Carr Company .......................................... 36
• Center Lumber Co. ...................................... 36
• Chesapeake Moulding & Millwork ................... 36
• Chesapeake Mouldings .................................. 36
• Classic Architectural Specialties ..................... 36
• Condon Company ....................................... 36
• Conlon Profiles .......................................... 36
• DEC Associates .......................................... 36
• Dawley Woodworking ................................... 36
• Design Craft, Inc. ........................................ 36
• Decorative Architectural Solutions ................... 36
• Decorative Architectural Solutions ................... 36
• Emory .................................................... 36
• Empire Moulding Company ........................... 36
• Executive Woodsmiths, Inc. ......................... 36
• Fagan Designs ............................................ 36
• Fiberglass Masters, Inc. ............................... 36
• Flex Moulding ............................................ 36
• Forester Corporation ..................................... 36
• Garden Ornament Stone ............................... 36
• G.C. Girolami & Company ............................ 36
• Hartmann-Sanders Co. ................................... 36
• Henderson, Black & Greene ............................ 36
• House of Moulding ....................................... 36
• Jewell's Art Wood Turning .................. ........... 36
• MCDG ................................................... 36
• Moulding & Millwork .................................... 36
• Ornamental Mouldings ................................. 36
• Outwater Plastic Industries ...................... ........... 36
• Pagliacco ................................................. 36
• Palazzo II ............................................... 36
• Prime Wood Products ................................... 36
• RI Millwork ................................................. 19
• Schwend Manufacturing ............................... 29
• Somerset Door & Column Co. ....................... 39
• Staaas & Associates, Inc. ............................. 39
• Style-Mark ................................................. 39
• Superior Aluminum Products ....................... 35
• Techtlite Architectural Precast ......................... 27
• Tuff-Kote Co. ............................................ 33
• Tufcork ................................................... 29
• Vermont Custom Doors & More ..................... 29
• White River Hardwoods .................................. 29
• Williams & Hussey ....................................... 29
• Wood-O-Rama ............................................ 29
• Worthington Group ...................................... 29
### Division 8
DOORS & WINDOWS

**RELATED PRODUCT ADVERTISING**
- Allied Windows
- Chautauqua Doors
- Classic Revivals
- Denninger
- Dryvit
- Enkeboll
- DMSSfuilios
- Classic Designs
- Johnson, Fir & R
- Kreitel Molding
- King's Champion Co.
- Lampshades of Antique
- Jefferson Art Lighting
- Lehnmann Studios
- Mac the Antique Plumber
- Macartney Classical Woodcarving
- Maguire Iron
- Mendward Replacement Hardware
- Northfield Restorations
- Nowell's Lighting
- O'Conner Cypress Woodworks
- Old Wagon Factory
- Osborn Mosaic Hardwood Floors
- Peters & Son, Inc.
- Polytek Development Corp.
- Red Baron's
- Reflection Studios
- Bopas
- Burrows & Brown
- Beech
- Bradbury
- Teenie Bopas
- Architectural Bradbury
- Belfor Design
- Ball
- Ball & Ball Custom Lighting
- Ball & Ball Hardware
- Bath, Sink, & Mirror
- Bath, Sink, & Mirror
- Beech
- Bevel Design Ltd.
- Bopas
- Beech
- Bouvet, Inc.,
- Bradbury & Bradbury
- Brass Reproductions
- Burton Woodworks
- Cassidy Company
- Charles-Rupert, The Shop
- Chastuaque Doors
- Chelsea
- Chelsea Decorative Metal Co.
- Chelsea Accents
- Classic Accents
- Classic Automation
- Classic Lamp Posts
- Classic Revivals
- Conant Custom Brass Lighting
- Corgea Woodworking
- Copper Castings & Patinas
- Cambellwood
- Cummings Studios
- Decorator's Supply
- Densinger Products
- Dublin Flats
- Enkeboll Designs
- Ex-Regionals
- Ewing Restoration
- Faux Finishes
- Faux Finish Co.
- Faux Finishes, Inc.
- Goddard Circular Stairs

### Division 9
FINISHES

**SPECIAL REPORT:**

**VICTORIAN REVIVAL**

**IN THE NEWS**
- Victorian Reappraised
- Victorian Products SourceList
- Gilding Arts School

**RELATED PRODUCT ADVERTISING**
- A Carolina Craftsman
- A-Ball Plumbing Supply
- A.A. Abbingdon Affiliates, Inc.
- A.N.T. Art Glass
- ABS Stained Glass
- Alley Cast Co., Inc.
- Amish Country Caboose
- Anthony Wood Products, Inc.
- Antique Doorlock Company
- Antique Hardware Store
- Architectural Ironworks
- Art Directions
- ArtGlass of the South
- Ball & Ball Custom Lighting
- Ball & Ball Hardware
- Barker Metalworks
- Bathroom Machinerys Hardware & Plumbing
- Beech II
- Belfor Design Ltd.
- Bopas
- Bouvet, Inc.,
- Bradbury & Bradbury
- Brass Reproductions
- Burton Woodworks
- Cassidy Company
- Charles-Rupert, The Shop
- Chastuaque Doors
- Chelsea Decorative Metal Co.
- Chelsea Accents
- Classic Accents
- Classic Automation
- Classic Lamp Posts
- Classic Revivals
- Conant Custom Brass Lighting
- Corgea Woodworking
- Copper Castings & Patinas
- Cambellwood
- Cummings Studios
- Decorator's Supply
- Densinger Products
- Dublin Flats
- Enkeboll Designs
- Ex-Regionals
- Ewing Restoration
- Faux Finishes
- Faux Finishes, Inc.
- Goddard Circular Stairs

### Division 10
SPECIALTIES

**RELATED PRODUCT ADVERTISING**
- Golden Age Glassworks
- Green Enterprises
- Hardware Plus
- Hinges and Hardware
- Historic Floors of Oakshok
- Historic Shutter & Restoration, Inc.
- Historic Windows
- J. T. International
- Jefferson Art Lighting
- Jefferson Art Studio
- Johnson, Fir & R
- Kreitel Molding
- King's Champion Co.
- Lampshades of Antique
- Lehnmann Studios
- Mac the Antique Plumber
- Macartney Classical Woodcarving
- Maguire Iron
- Mendward Replacement Hardware
- Northfield Restorations
- Nowell's Lighting
- O'Conner Cypress Woodworks
- Old Wagon Factory
- Osborn Mosaic Hardwood Floors
- Peters & Son, Inc.
- Polytek Development Corp.
- Red Baron's
- Reflection Studios
- Bopas
- Burrows & Brown
- Beech
- Bradbury
- Teenie Bopas
- Architectural Bradbury
- Belfor Design
- Ball
- Ball & Ball Custom Lighting
- Ball & Ball Hardware
- Bath, Sink, & Mirror
- Bath, Sink, & Mirror
- Beech II
- Belfor Design Ltd.
- Bopas
- Beech II
- Bouvet, Inc.,
- Bradbury & Bradbury
- Brass Reproductions
- Burton Woodworks
- Cassidy Company
- Charles-Rupert, The Shop
- Chastuaque Doors
- Chelsea Decorative Metal Co.
- Chelsea Accents
- Classic Accents
- Classic Automation
- Classic Lamp Posts
- Classic Revivals
- Conant Custom Brass Lighting
- Corgea Woodworking
- Copper Castings & Patinas
- Cambellwood
- Cummings Studios
- Decorator's Supply
- Densinger Products
- Dublin Flats
- Enkeboll Designs
- Ex-Regionals
- Ewing Restoration
- Faux Finishes
- Faux Finishes, Inc.
- Goddard Circular Stairs

### Division 11
ELECTRICAL

**RELATED PRODUCT ADVERTISING**
- Gabron Mediterranea
- Leitlt Brothers, Castings
- Light Art
- Roycroft Associates

### Division 17
BOOK REVIEWS

**IN THE NEWS**
- Victorian Housebook
- Christopher Dresser
- Brickwork

---

All editorial and advertising material in TRADITIONAL BUILDING is organized according to the industry-standard MASTER-FORMAT divisions established by the Construction Specifications Institute (CSI).

---

**On The Cover:** Bradbury & Bradbury’s newest release: A hand silk-screened Neo-Classical ceiling set, which features 8 separate design components (the 9th — not shown — is a fan rosette) and 28 colors. Designed initially for Victorian Renaissance Revival parlor, this suite of papers is the first of its kind produced in the 20th century.

It was designed and produced by BRADBRURY & BRADBRURY ART WALLPAPERS and was derived from research done at the Cooper Hewitt Museum, NYC, and visits to Renaissance Revival homes on both East and West coasts.

What’s next? Obviously, the coordinating wall sets, scheduled for an Autumn ’93 release. For more information on this company, see its SourceList entry on page 44.

---

**Clém Labine’s TRADITIONAL BUILDING**

**The Professional’s Source For Historical Products**

**69A Seventh Avenue**

Brooklyn, NY 11217

(718) 636-0788 FAX (718) 636-0750

**Editor & Publisher Clem Labine**

**Managing Editor Judith Siegel Lief**

**Advertising Director Susan Littman**

**Contributing Editor Sharon Garbe**

**Contributing Editor M. Kahn**

**Art Director Judith Siegel Lief**

**Advertising Representative Casey Sweet**

**Office Manager Jeanne Baldwin**

**Assistant Editor Katya Sverdlov**

**Data Security Magnolia C. Shepherd**

**Comptroller Barry Kornblum**

TRADITIONAL BUILDING (ISSN 0989-0214) 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, interior design, construction, and landscape design in the U.S. and possessions: $38.00 (1 issue). Rates for nonprofessionals and subscribers outside U.S: $30.00/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 1993 by Historical Trends Corporation. All rights reserved.

PRINTED AT THE LIGHTHOUSE PRESS

**TRADITIONAL BUILDING is indexed in CONSTRUCTION INDEX.**
**MOLDINGS: THE ATOMIC UNITS OF CLASSICAL ARCHITECTURE**

When you understand moldings, you understand much about classical architecture—the foundation of all traditional design.

By DONALD M. RATTNER, Director
Institute for the Study of Classical Architecture at the New York Academy of Art

When commencing study of the classical elements, it is logical to begin with moldings. Moldings are the smallest physical units—the atoms, as it were—of classical architecture, and so are easier to understand at first than many more complex members formed from their combination. Starting with moldings is also convenient because they crystallize in minute form nearly all the ideas that define classical itself.

Indeed, the first lesson to be drawn from moldings is that those who work in the classical manner inherit a pre-established vocabulary and grammar. With moldings, the standard alphabet is generally considered to consist of the 14 varieties you see in Fig. 1.

Analysis of shape is one way we classify moldings. On the most elemental level, we first distinguish between *straight* and *curved* moldings. In the former group there are just two profiles: the fillet and the fascia, which are distinguished by their comparative size. Fillet is the term we give to a small, straight molding, while fascia refers to a large flat profile. This size distinction is relative; the measured size of a fillet could be considerable if you’re talking about a molding situated on the exterior of a huge building, or small if the fillet is part of a piece of cabinetry where profiles tend to be miniature.

Classification of curved moldings is more involved because we have several sub-groups. The concave, the convex, and the compound. In the concave group are the cove, which is roughly a quarter-circle; the scotia, which is actually a curve of greater rotation than a semi-circle; and the cove, which combines both straight and curved elements in one profile.

Next are the convex moldings. Those equaling or approximating a quarter-circle include the ovolo and a sort of corner called the echinus. The difference between them is mostly a matter of geometry: the ovolo is usually drawn with a compass, while the echinus is a type of non-circular curve that will be discussed below.

In the half-round class, we have something similar to the condition of the fillet and fascia. This time, a relatively large half-round is known as a torus, and a smaller version is called the bead or astragal. Another relation to the torus is the *hobnail* again the difference being one of geometric method. The torus is usually a full half-circle, while the thumb is made up of radii of varying lengths, which endows the curve with a directional bias. Moving from the semi-circular, we come to the three-quarter round, sometimes known as the three-quarter bead, so-called because three-fourths of its perimeter is exposed.

Compound profiles combine both concave and convex elements in a single molding. The *cyms recta*, from the Greek words for "wave" and "upright," is concave above and convex below. Its name is perhaps derived from its resemblance to an upright ocean wave about to crest. Were we to reverse this arrangement, however, and situate the protruding portion above the hollow, then we would discover the aptly named cyms *reversa*.

Finally, we end with the bead molding—the most complex of the profile types. The bead is formed from a variety of curved elements, and usually incorporates a chamfer, or diagonal top. Among the standard types it is the only profile that is undercut. Thus what you see when viewing the profile is exactly the same as what you see gazing up at it from below.

To emphasize the positive nature of mass, classical moldings, with few exceptions, are additive; that is, they usually project out from a given plane.

The Big-Foot Theory of Moldings

So far, we’ve concentrated on the geometry of moldings. There is another aspect of moldings that I call “The Big Foot Effect.” According to that theory, instead of merely seeing moldings as abstract geometric shapes, one might equally understand them as tools that the architect uses to show the observer what the building is experiencing at a given point.

Now, we all know that a building is an object of considerable weight—mostly the weight of its own materials, plus the force of the loads that come onto the building as people, equipment, and weather. We also know a major purpose of a building is to channel those loads to the ground for dispersal. Thus certain portions of the building are continually subject to compressive stresses, much like the human being who has had a great weight dropped onto his or her shoulders. Under the impact of such a weight, a person’s knees may buckle, muscles will bulge and flex; in other words, the figure’s normally upright silhouette is altered as a result of applied loads. The classical building similarly expresses its loads by contorting itself, the undulating contours of its moldings the equivalent of the body’s rippling muscles.

Which profiles will be deployed at a given location will depend on the nature of the dominant stresses there. For instance, where force is directed downward, then an inverted cyma *reversa* might best convey the sense of gravity. However, if it is the release of weight that is to be expressed, such as...
C. DUDLEY BROWN, ASID: High Victorian’s High Priest

BY EVE M. KAHN

He's dreamed of Victorian's revival since, oh, World War II, and he's helped make it happen; his lectures are unforgettable, his Victorian-inspired interior designs eminently livable. Now he's basking in the knowledge that the trend has spread far past his wildest imaginings, and he's also drawing on four decades of experience and scholarship to transform a ruined Victorian townhouse into an object lesson in never-say-die restoration.

Spending an afternoon reminiscing with Brown is like watching an erratically paced but indefatigable freight train cross a nation, in this case his own and architecture's and interior design's interwoven past. He tells his stories in forcible bursts, making sure to cover the full trail from cradle to present, sometimes reenacting 40-year-old conversations verbatim. Between anecdotes, he manages to devote two hours to a Dutchman-patch-by-patch tour of his almost-finished c-1885 office-townhouse. His manner is sometimes prim and schoolmastery, sometimes puckish, sometimes almost bashful. His watch sometimes runs an hour slow, his car clock an hour fast. His upbeat lens colors most of his clients and mentors through the ages into "grand" or "marvelous" people. You get the sense that, no matter how frustrated he ever felt in dragging Victorian back into the public's heart, he never stopped having stupendous fun.

When you ask what comes next in his career, he pretends he's ready to coast and nonchalantly replies, "Oh, we'll do whatever comes our way." Yet throughout his Washington, D.C. workplace and 1870 townhouse home, a project or two — or twelve — is busily coming together. On a dining table, a mirrored book rack hovers somewhere in mid-gluing. At the office, a slate fireplace's chipped keystone has regained its contours with a patch, but not yet enjoyed painting. A craftsman has dropped by to pick up a plum-size walnut scrap (the recently rediscovered toe of a worm-infested sofa he's been assigned to rebuild). The tools spread across the office-backroom's tool wall are so used that they bare little resemblance to the tool outlines traced on the wall for organizational purposes.

"You're not getting it," Brown gently chides a reporter who's addled by attic vistas overflowing with drapery rods and chandeliers and by tales of 10,000 exterior bricks painted brick-color by hand (they were too tar-slopped to leave au naturel) and who can't quite grasp which office-baluster sections came from a salvage yard and which from an expert woodworker's shop. Has any other era in design history ever had its honor defended with such vigor, such meticulousness?

And to think how long it took the rest of the world to catch up with him! Brown's life story, in capsule form, with its constant Victorian thread: He was born in Cleveland, Ohio, eight weeks before the 1929 stock-market collapse. His family slowly struggled back from financial ruin in Cincinnati (his father ended up running a bank, his mother was an advertising executive, historian, and author). Brown remembers feeling deeply fond of the family's inherited Victorian and "hypnotized" during vacation visits to Washington-area period homes (Mount Vernon and the Custis Lee mansion, both merely colonial). From age eight he started borrowing every book in the local library on antiques and decorative arts and dramatically declaring intentions to design interiors for a living ("I'm given to those kinds of pronouncements.")

He further explored decoration's history by odd-jobbing at Cincinnati mansions during high school (feeding coal furnaces, polishing brass) Conveniently, the University of Cincinnati offered one of only three college-level design-degree programs in the nation. The courses bored Brown with their Bauhausian lack of historical perspective, but he earned credits in mid-college years by working at a Washington department store's drapery department (where he met numerous future clients). From there he spent two years with the Army Corps of Engineers during the Korean War. He then spent a small family financial gift on a blast through Europe (13 countries, 139 towns, a $1,000 worth of stuff brought back). He spent the late '50s and early '60s becoming a military-design mogul, specifying hundreds of thousands of square feet of

Facade of Brown's 1870 townhouse in Washington's Capitol Hill historic district. The stoop contains the area's only surviving brownstone steps; the facade had been less well treated, and Brown had to replace missing window-hood brackets, cresting, and balconies and to hand-scrape white paint off the facade.

continued on page 74

Brown's parlor. The room had been divided into a living room and bedroom when Brown and his aunt Ruth Spangler bought the building; fortunately, a thoughtful previous owner had stuffed the ceiling's center plaster medallion with newspaper before building a wall under it.
Division 1 - SERVICES

THE SOURCE FOR

PRESERVATION PRODUCTS

Books & Publications
- Conservation
- Rehab
- Maintenance
- Wood
- Masonry
- Moisture
- Paint
- Safety
- Documentation
- Diagnostics
- and many more

PRG

P.O. Box 1760 • Rockville, MD 20849-1760 • (301) 309-2222

WRITE IN NO. 303

Division 2 - SITEWORK

CLASSIC ARCHITECTURAL ORNAMENTAL METAL & STONE WORK

BENCHES • GATES • FOUNTAINS & POOLS
SCULPTURE & STATUARY • PLANTERS & URNS
TOPIARY • SUNDIALS • WEATHER VANES

Our Book of Garden Ornament is the handbook of the industry. No landscape architect or professional designer of interior or exterior landscapes can be without one. It contains hundreds of unique products. And gives specifications & sitework suggestions; a price list is included.

KENNETH LYNCH & SONS
TRADITIONAL CRAFTSMEN
DEPT. TB • 84 DANBURY ROAD • WILTON, CT 06897
(203) 762-8363 • FAX (203) 762-2999

Need Information RIGHT AWAY?
The FAX CONNECTION Form at the back of this issue is the fastest way to get product data and catalogs. Just fill the form out ONCE and then FAX it to as many suppliers as are appropriate.

Use the FAX CONNECTION on pg. 76

TRADITIONAL BUILDING

Kudos For A Cast Landscape

Architectural Cast Stone was awarded the Cast Stone Institute's first annual Design and Manufacturing Excellence Award for their work on the Bunker Hill Steps project designed by I.M. Pei and the Lawrence Halprin Group. The site, located in downtown Los Angeles, connects Fifth Street with Hope Street and the First Interstate Bank Center.

The design provides elements for both efficient pedestrian traffic and inducements for leisurely strolling or sitting. The site features a series of steps and platforms divided by a cascade of water flowing through an open balustrade; an arched colonnade punctuating a passageway; and a fountain tucked away in a niche. In a busy commercial area like this, water provides a soothing diversion, and the use of cast stone provides an enduring aesthetic and economic advantage over other materials.

For further information contact: Architectural Cast Stone, 1201 E. Hunter Ave., Santa Ana, CA 92705 (714) 543-0662. —SG

It's Really BIG!

RESTORATION '93 Exhibition & Conference
The largest preservation and restoration event in North America.
December 6-8, 1993 • Hynes Convention Center Boston, Massachusetts • See page 71 for details
**DRINKING FOUNTAINS**

**HYDRANTS**

**EMERGENCY SHOWERS and EYE WASH EQUIPMENT**

**HISTORIC GARDEN GATES**

**THE TIMELESS GARDEN**

**CLASSIC GARDEN ORNAMENTS, LTD.**

**MURDOCK**

**WILLIAM BATEMAN RUFFNER**

Handcrafted Bird Cages and Aviaries

Complete Portfolio $10.00

William Bateman Ruffner & Co.

643 South Persia • Tulsa, Oklahoma 74120

918-594-0096

Fax: 650276-6994

MC 206-0994

WRITE IN NO. 378

WRITE IN NO. 992

WRITE IN NO. 539

WRITE IN NO. 118

SITE FURNITURE IN WOOD & METAL

- Benches
- Ash Urns
- Planters • Bollards
- Waste Receptacles
- Stock Models • Custom designs

C.S.I. CUSTOM STRUCTURES, INC.

P.O. Box 1888, Butler, PA 16003

(412) 282-2712  FAX (412) 283-4713

WRITE IN NO. 333

Put the Spirit of 1776 in Your Front Yard.

A few of these period wood and metal grace mansions, schools and courthouses across America. This is the era for today’s caring homeowner—wereBeauty with the classic American design; they are made to order and guaranteed to last a lifetime. Can be used indoors or outdoors. Safe, durable and beautiful. For your own garden, home or office.

WRITE IN NO. 102

WOODEN FLAG POLES
"ProSpec cleaned this eighty year old structure better than the industry leader ..."
**Rx For Flues:**

**Chimney Restoration Products & Services**

**BY SHARON GARBE**

Having once witnessed the spectacle of a chimney fire, I can attest to the incendiary potential of crossette build up. Routine chimney maintenance and proper burning of fuel will go a long way towards the prevention of chimney disasters, but other problems—design flaws, improper installation, new appliance adaptations, undisturbed chimneys, or natural disasters such as earthquakes and tornadoes—will require more aggressive action.

The following **Source List** of suppliers and service companies provides the names of chimney professionals who can provide you with the expertise for both restoration and new construction situations. You will find sources for current types of replacement flue liners: Flexible and rigid stainless steel, cast- or poured-in-place cementitious mixtures, and clay tile. There are also companies who offer chimney pots and finials, specialized cleaners, mortars, and paints. In regard to chimney dampers, a couple of companies offer top-mounting models. These products offer a broad range of advantages, used either by themselves or in conjunction with throat dampers. D.W. Crosby of Benson Chimney Control cites the lower cost of installing a top-mounted variety over the expense and difficulty of replacing built-in throat dampers. (Though not all throat dampers are difficult to replace—it depends on local building codes.) Crosby also notes that the design of his company's product keeps debris, animals, insects, and water out of the chimney, and that they can be useful in controlling chimney fires because they effectively seal off air-intake, thus starv ing the fire.

A note of caution on the subject comes from John Bitten of The Chimney Safety Institute: Since a top-mounting damper is usually controlled from the fireplace, the intensity of some fires may make it difficult to get to the control. Bitten, who has seen and heard of too many chimney tragedies resulting from neglect, stresses the importance of regular inspections and upkeep by trained professionals.

---

**Instant Access to Product Literature for Chimney Repair**

If your office qualified to receive the 1993 TRADITIONAL BUILDING CATALOG, you'll find preuffled product literature there for the following suppliers of Chimney Repair products:

- Ahren's Chymney Technique
- Benson Chimney Control
- Golden Flue
- National Supafult Systems
- Robinson Flagstone
- Techcrete Architectural Precast

---

**Brush Up On The Facts About The Best Chimney Liner Available!**

**FACE:** The Golden Flue liner is a specially formulated masonry product made from a naturally insulating material which eliminates heat transfer, the number one cause of structural fires.

**FACE:** Golden Flue is the first and only pumped chimney liner to be tested and approved by Underwriters Laboratories for UL Listing.

**FACE:** Golden Flue manufactures several sizes, for historical and residential to high-temperature commercial grades.

If your chimney needs repair, get all the information about Golden Flue Liners from the dealer nearest you or call 1-800-466-5334. And that's a fact.

---

**CHIMNEY SAFETY — Read All About It!**

The Chimney Safety Institute of America is a nonprofit organization dedicated to chimney and venting system safety and education about chimney hazards. It offers brochures on chimney-related subjects such as flue lining and chimney sweep certification. Last year the Institute published a comprehensive chimney safety research paper. Titled Chimney Fires: Causes, Effects & Evaluation, the 100-page, bound, illustrated document discusses the construction of masonry chimneys; selecting flue linings; sources, causes, and resulting damage of chimney fires; evaluation of other possible causes of chimney damage including lightning, foundation or structural movement, material fatigue, moisture, freezes/damage, etc.; and finally, the application of insurance to chimney fire damage. The Institute is currently working on two more brochures, one of which will address problems with carbon monoxide. The cost of Chimney Fires: Causes, Effects & Evaluation is $20 and can be ordered from: Chimney Safety Institute of America, P.O. Box 309, Dept. TB, Olney, MD 20830 (301) 774-2400.
Ahrens Chimney Technique, Inc.
Company provides a full range of chimney restoration services from chimney relining to minor touchup through a national dealer network, chimney products, tools, and consultation services. Lining systems are U.L. listed.
Free literature in No. 244
Masonry restoration classes, handbook, and tools

Benson Chimney Control
Source for standard and custom dampers (ovariose and round). Framed top-mount damper clamps fast to flue tiles, and is controlled by cable from the firebox. Also used for fire safety, animal, water, odor, and energy control. Very low profile when closed. Airlight.
Free literature in No. 152

The Brickyard
Source for authentic, unused antique brick vous with highly distinctive shapes, colors, and textures that are ideal for constructing hearths and chimney linings.
Free literature in No. 396
Chimney bricks

Certified Chimney Sweeps, Inc.
Full-service chimney cleaning and restoration company specializing in all methods of chimney cleaning. Ahrens, Supaflue, flexible and rigid stainless steel, and terra cotta tile. For residential, commercial, or industrial customers. Also, complete restoration of fireplace and/or furnace flues.
Free literature in No. 428

Chimney Savers
Specializes in the restoration and relining of existing masonry chimneys using Solid/Flue Systems. Company has restored numerous historic structures, such as Grand Mansion.

Fireplace Technologies
Manufacturer of the Lock-Top damper. Stainless lid serves as chimney cap in open position. Opens and closes by high-grade stainless steel spring system. Available in standard flue sizes, easily adapts to round. Non-restrictive; no reported freezing.
Free literature in No. 174
Chimney lining equipment & tools

Homestead Chimney, Inc.
Total chimney and fireplace restoration, including Z-Flex stainless steel flexible liners, Golden Flue poured-in-place liners, Lock Top dampers, Supaflue Chimney caps, Firegrate chimney caps, and cast iron firebox inserts. Also offers fireplace restoration, and all types of masonry skills.
Free literature in No. 548
Refractory fireboxes

Lymance International
Cast-aluminum top-mounting fireplace damper for new or old fireplaces. Product covers terra cotta flue liners of 5 x 13, 13 x 13, and 13 x 18 in. standard dimensions, or can be adapted for smaller flue liners. Lid is spring loaded in open position; it's closed by high-velocity jet of air from the firebox. Also used withoffset flues. Applications include historic chimneys, fireplace and/or furnace flues.
Free literature in No. 512

Miurametian International Co., Ltd.
Supplies Topazal chimney damper with optional spark screen and Lock-Top draft induction, which increases chimney draft by introducing a high-velocity air jet at the firebox opening. Also used for roof tiles and related accessories.
Free literature in No. 164
Sealers for exterior, clean-out doors

Northern Roof Sales Co.
Distributor of imported handmade ceramic chimney pots and chimney pot fittings. Company also carries line of roof tiles and related accessories.
Free literature in No. 90

Old Virginia Brick
Company offers traditional wood-molded bricks and specialty bricks well-suited for new or repaired chimney linings.
Free literature in No. 90
Bricks

PreTech Systems
Supplies Ventsonic chimney lining systems: Continuously welded, rigid flexible liners fabricated from titanium-stabilized stainless steel. Surface is acid-resistant and non-porous. U.L. listed. Thermox insulation fits void between liner and chimney wall.
Free literature in No. 206
Thermox masonry flue insulation

Rutland Products
Largest supplier of refractory materials for fireplace and chimney repair. Also carries cleaning products, gasket cements, chimney paint, and water repellent.
Free literature in No. 461
Create/pop removers, special mortars, cement, & masonry patch

Superior Clay
Manufactures chimney pots in traditional styles, clay flue linings, fireclay Rumford fireboxes, damper, and smoke chambers.
Free literature in No. 202
Firebrick, clean-out doors

Tri-State Chimney Sweeps
Manufactures a broad line of chimney liner products for gas, oil, and solid fuel. Z-Flex Type 316 stainless steel flue lining system can accommodate offset flues and make 90-degree turns at the fireplace. Also offers insulated or uninsulated vent connectors.
Free literature in No. 202
Vent connectors

Z-Flex U.S., Inc.
Manufactures chimney pot products for fireplaces, fireplaces, and chimneys. Z-Flex Type 316 stainless steel flue lining system can accommodate offset flues and make 90-degree turns at the fireplace. Also offers insulated or uninsulated vent connectors.
Free literature in No. 202
Vent connectors
**supaflu®**

The Ultimate Flue Liner For Masonry Chimneys

![Image](supaflu.png)

**Lymance Introduces The New "Power Lever"**
- Power Lever covers mounted to the damper lid.
- Fully guaranteed for material and workmanship.
- A hog on the cable drives a tiny pinion upward, applying hundreds of pounds of leverage.
- Some low cost.
- No change required for installation.
- Sizes available: 3"x3", 3x4", 3.5x7", 13x16", 13.5x13", 17x17".

**LYMANCE INTERNATIONAL**

P.O. Box 505, Lebanon, IN 47087
(812) 288-9953 • Fax (812) 283-3692

---

**VENTINOX Liners Save Chimneys!**

and provide safe, reliable venting for gas, oil and wood.

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

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

...and VENTINOX Gives You a Lining System that Sells!

New Dealer book with proven sales techniques. Call Toll Free: 1-800-776-3473

ProTech Systems, Inc. 90 Commerce St., Albany, NY 12202

WRITE IN NO. 206

---

**Cast-In-Place Lining**

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

Tested and Listed by an ASTM and ACIL, approved laboratory to UL 103-2.100 F., Canadian UL-C-5629-M-1981 and UL Requirements for Non Metallic Chimney Lining System — 1985.

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

**National Supaflu Systems**

Chimney Lining and Relining

P.O. Box 90 Walton, NY 13856
(800) 788-7636

WRITE IN NO. 164

---

**The All Season Control Cover**

The damper replacement system for masonry fireplaces

- Replaces worn out or rusted dampers
- Almost invisible when closed
- Saves energy
- More air drawn out
- All sizes and shapes
- Sprays from fireplace

**Benson Chimney Control**

2906 South 1800 East, Salt Lake City, Utah 84115

WRITE IN NO. 103

---

**Custom Made**

Wood-mould Brick For Your Distinctive Designs

- Pavers & Step Treads
- Rich, Warm Colors
- Water Tarles & Copings
- Unique Special Shapes

**Old Virginia Brick**

Box 508
Salmon, VA 24133
(800) 879-8227

Since 1890

---

**These Products Make Your Chimney Repairs Safer & Easier!**

**Dry Mix 211!** Non-Water Soluble Refractory Mortar meets the new NFPA Chimney Flue Safety Standards.

This new formula of calcium aluminate and crystalline silica produces an acid resistant, non-water soluble refractory mortar with a 2500 psi compressive strength for use as an approved flue tile sealant to meet or exceed current building codes. It's easy to work and sets in about 2 hours. Just add water.

**Rutland Fireplace Mortar resists 2000° temperatures.**

Pre-mixed in convenient cartridges, this is the easy way to repair fireplaces, tuckpoint and repair broken firebricks. When cured, it becomes brick hard and brick strong. Comes in black, buff and gray colors.

**Chimney Masonry Patch**

An exterior mastic patching cement is a convenient cartridge formula. Repairs and repoints masonry and stone. Concrete color. Non-freezing formula can be applied down to 0°F.

**Cabatable Refractory Cement forms custom firebrick shapes.**

Developed for use in brick fireplaces, this air set and heat cure formula is ideal for casting custom shapes to replace worn-out firebrick in fireplaces, stoves and fireplaces or for making a solid refractory stone bed.

Ask about Rutland's complete line of heating system repair products by name at your hardware, home center, building supply or stove dealer.

---

**Lock-Top**

**The Open & Shut Solution to Fireplace Problems**

A Chimney Cap That Closes!

- Seals Out Mammals, Birds, and Insects
- Stainless Steep Cap In Open Position
- Adaptable to round relined flues
- Replaces Missing or Ineffective Fireplace Dampers
- Low-Profile Design
- Prevents Heat and Air-Conditioning Loss

**Fireplace Technologies, Inc.**

715 Dixie Highway
Louisville, KY 40210

1-800-737-1067

WRITE IN NO. 208

---

**For instant access to FREE product literature, use the connection on page 76.**

---

**Homestead Chimney, Inc.**

*The Chimney Specialists*

- All Types of Chimneys
- Masonry Fireplaces
- Furnaces
- Wood Stoves
- Gas Stoves

Contact:

Ken Brown

(502) 378-1114

WRITE IN NO. 548

---

**For instant access to FREE product literature, use the connection on page 76.**

---

**TRAIDITIONAL BUILDING**

**DIVISION 4 • MASONRY**

JULY/AUGUST 1993 11
CHIMNEY RESTORATION PORTFOLIO

For more information on these companies, consult the SourceList on page 10.

Shown above is a sampling of the standard, oversized, and round top-mounted dampers available from BENSON CHIMNEY CONTROL. Write in No. 152.

The near-completion of a stove chimney with a cast-in-place liner. As the tube is deflated, it is slid out. GOLDEN FLUE, INC. Write in No. 174.

The AHERNS Poured-in-Place System workers on the top of the scaffold give one a sense of the large scale of this project, the Cathedral of the Madeleine in Salt Lake City, Utah. Write in No. 244.

Ventinox HeavyFlex and HiFlex lining systems carry a lifetime warrenty when used to vent woodburning appliances, pellet stoves, and woodburning fireplaces. The photograph shows the range of shapes available from PROTECH SYSTEMS, INC. Write in No. 206.

This handsome, crenelated ceramic chimney pot is manufactured by hand in Britain and is available from NORTHERN ROOF TILES.

NATIONAL SUPAFLU SYSTEMS employee holding the Supaform which has been inflated to the proper flue size. Supaflu material is then pumped in around the form. Write in No. 164.
AHRENS

Relines/Restores Masonry Chimneys

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

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

Call or write for more information.

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

816-887-3366
Ask for Kevin
Fax (816) 887-5757

WRITE IN NO. 396

防火及烟囱

RESTITUTION

Relining Systems

Supaflu
The Ultimate Plug Liner
For Two Masonry Chimneys

Stainless Steel
List ing

• Rebuilding
• Repairs
• Chimney Cleaning
• Chimney Caps

Fully Insured
Serving Tri-State Area Since 1960

CERTIFIED CHIMNEY CONTRACTORS INC.

201-361-1783
3122 Route 10 West • Denville, NJ 07834

WRITE IN NO. 218

Division 5 - METALS

WEATHER VANES

Copper Top Cupolas

Antique Largest and Finest Selection

We offer unique hand-crafted weather-vanes, roof spires, lightning rods, and more...

FISCHER ARTWORKS
6530 S Windermere
Littleton CO 80120
(303) 798-4841
Catalog $20

WRITE IN NO. 172

Ornamental Castings

Crosses • Entryways • Sanctuary Items • Plaques

From design and mold-making through casting and finishing, no one is more qualified to produce your custom-cast ornamental casting needs. Trust the craftsmen at Lake Shore Industries.

Lake Shore Industries
1817 Taylor Street East
Erie, PA 16510-0097
800 454-1442 (Toll Free)
814 456-4277 (In PA)
814 456-4293 (Fax)

WRITE IN NO. 873

JULY/AUGUST 1993 13
Cornices are a transition element that punctuate the boundary where the building meets the sky.

BY JUDITH SIEGEL LIEF

Cornices have decorated buildings for centuries — their organic shapes, undercuts, and references to history and mythology distinguish one facade from another. There are literally hundreds of stock 'mix-and-match' designs and many companies, nationwide, that will custom replicate, design, and fabricate. The SourceList that follows was created from the 87 manufacturers (and installers) of exterior building cornices the editors surveyed. We pared down the list to 24 companies that we determined would be of greatest interest to our audience of design professionals.

But how to select the right fabricator for the job? And what material would be most suitable? Cornice materials include: Metal, wood, terra cotta, stone, marble, and, more recently, a whole array of composites such as GFRC and FRP.

Because stone, metal, and terra cotta installations have been used for so long, one should be able to predict the performance of those materials — and their anchoring — fairly readily. FRP, although in regular use in construction for over 25 years, is a relatively new material. However, as with other materials, the performance and quality of the final installation depends on the skill and integrity of the fabricator — and judicious specifying and supplier selection.

To help specifiers determine whether or not to use FRP, and to assist them in differentiating between a well-executed job and a facade that will fail, we’ve asked two veterans of the field — William Kreysler, president of William Kreysler & Associates and Charles Wittman, president of Architectural Fiberglass Corp. — to set down criteria for successfully evaluating FRP suppliers.

The Editors wish to thank Ed Axel, president of Edon Corporation, for his helpful contributions to this piece.

SPECIFYING FRP FOR EXTERIOR CORNICES

BY CHARLES WITTMAN
President, Architectural Fiberglass Corp.

Originally developed in the early 1940’s for aircraft products and then used extensively in the boating industry, Fiberglass Reinforced Plastic (FRP) has seen construction uses ranging from strictly decorative statuary and bas relief panels to highly structural columns and trusses. Both for engineering and aesthetic reasons, exterior cornice work has become one of the most popular FRP building applications.

Fiberglass can replicate the appearance of other materials, combine many elements into single, lightweight, easily handled structural units, and do all this with a durable, permanently colored, no maintenance, molded-in surface finish. The polyester "Gel Coat" surface material is specially formulated to be UV stable and can be custom matched to virtually any color.

The high strength-to-weight ratio, the structural contributions of its geometry, and the inherent mechanical strength of a properly made laminate allow for simplified attachment details and, in many cases, avoid the need for expensive support structures. With a weight of approximately 1-1/2 lb. per sq.ft. of surface area (for a 3/16 in. thickness), the size of FRP units is only limited by handling considerations in the shop and at the job site.

Surface finishes, which can vary from high polish gloss to low luster matte to extreme combing and textures, are a function of the type and finish of the production mold. Deep textures, undercuts, and field replications are usually made from flexible molds (silicone, latex, or urethane), which are limited in both production life and shape retention. Matte and glossy finishes, crisp details, large parts, and long production runs are normally produced in rigid fiberglass molds.

The ability to create and maintain these molds and the attention to details, fit, and dimension, are a major differentiation from one molder/fabricator to another. Saving money on tooling is usually a painfully false economy.

One way to minimize tooling costs is to explore the use of standard, stock, or pre-existing molds in lieu of custom moldmaking (unless the building has "Landmark" status requiring field-made molds). Since some fabricators may specialize in either custom replication or stock replacement projects, this could be an important factor in the choice of vendor.

Stock cornice molds are available in numerous sizes and profiles and are often close enough in shape to the original cornices to be accepted for use in landmark restoration projects.

Inquire after the nature and extent of on-site and field services: Does the molder make site molds, conduct field measurements, provide engineering and hands-on installation supervision, or perform his own installation?

Assuming that all the fabricators are bidding on a job with well-drawn plans and complete, correct specifications, price quotation differences will exist due to interpretation of specs, use of proper grade and quality of material, molding shop efficiency, and clever engineering of tooling and products.

The bottom line in the selection of FRP as the most appropriate cornice material and the subsequent choice of vendor should be the "installed cost." This takes into account: Tooling up, production, shipping and handling, coordination, attachment details, installation, and long term maintenance. When compared to other possible exterior cornice materials, FRP provides an attractive and cost-effective option.

Charles Wittman is a member of The Composites Fabricators Association. For more information on Architectural Fiberglass Corp., consult the SourceList on page 16.
SELECTING AN FRP FABRICATOR

There's a wide range of capabilities among FRP fabricators. Here are some tips on finding the right balance between price and quality.

BY WILLIAM KREYSLER
President, William Kreysler Associates

FRP is often a maligned material, due, in large part, to an incredible variety in quality. Its unique properties of extremely high strength, light weight, and durability can be a tremendous advantage in the hands of a competent, well-informed architect or contractor. Proper cost benefit analysis should include both installation charges and structural support requirements. Those who are concerned primarily with low initial cost will surely be able to find a fabricator willing to make a product of little value.

FRP fabrication is a competitive business. It is frequently true that a higher quotation represents higher quality or added value. The buyer's job is to determine what level of quality is required and to ensure that the supplier has understood the bid documents and can comply with them.

I. REFERENCES
Architectural restoration is a very specialized field. Anyone specifying FRP replicas should require bidders to demonstrate successful completion of similar projects with references, photos, examples of shop drawings, and samples. It's also useful to find out about a manufacturer's track record (i.e. how long have they been in business?).

II. BIDS
Evaluating a bid for FRP products is complex. Make certain you know (1) the manufacturer has in-house quality assurance; (2) the quote includes engineering; (3) what materials are used; (4) the welders are certified; (5) the replicated pieces will be exactly the shape of the original and not modified or simplified; and (6) the fabricator will allow for construction tolerances and thermal movement of adjacent materials. Many specifications do not address these issues, or the buyer doesn't check and follow up on them. Often, a higher price means higher quality. The real question is, how much quality is required?

III. SPECIFICATIONS
Are the specifications accurate and well crafted? (Very few of the dozens we have seen are.) Do they reflect the local code requirements regarding flammability? The Composites Fabricators Association publishes a specification guide. (For information, contact: Missy Hendrickson, 1738 N. Lynn St. #950, Arlington, VA 22209 (703) 524-3332.) Sometimes FRP fabricators have their own specifications. Care should be taken to have the specifications reviewed to assure fairness and accuracy. It is not a bad idea to have the bidders review and comment on the specs prior to bidding.

IV. SHOP DRAWINGS
It's wise to ask for an example of a fabricator's shop drawings when selecting bidders. A standard for shop drawings should be established that requires plans, elevations, sections, joint details, and erection procedures. Shop drawings are a strong indication of the fabricator's experience and expertise.

V. MOLDMAKING
Will the molds accurately replicate the original while providing proper flange and edge conditions for connection and waterproofing? Using molds taken off the building to directly make the finished part is rarely adequate. After all, what you see on the original is not necessarily all there was to the piece. Normally, a mold taken off the actual original is only used to make a mock-up or plug. This plug is then added to and re-configured creating flanges and returns, and then the production mold is made. Will the molds retain their shape and not allow the FRP to warp or twist during cure? Like nearly all cast materials, FRP shrinks upon curing. Care must be taken to allow for this.

VI. SUBMITTALS
Do the samples look like the original? FRP can mimic an amazing array of materials. From gloss to dead-flat smooth to exposed aggregate, most finishes can be copied quite well in the hands of a skilled fabricator. Remember that allowances should be made for dirt and oxidation on the original. Even terra cotta does yellow somewhat, as will FRP finishes. Sometimes the best situation is one where a match over 1 or 2 years of aging. Yellowing and chalking are predictable to some degree and often can be allowed for. The amount of color shift is heavily dependent on the color chosen.

VII. PRODUCTION
Are the specifications being adhered to during production? If testing is required, is it being done? Is the work progressing according to schedule? Does the mock-up look like the sample? Will the fabricator allow tours during production? This business is about hard work and attention to details. Secrecy should be grounds for suspicion.

VIII. ENGINEERING
This separates the field dramatically. If your project does not require an official engineer's calculation and stamp, you should clearly exclude it from the scope of work. Note that official stamps don't eliminate the need for smart, careful product and mold design. Also, there are lots of qualified fabricators who can produce excellent replica work without an in-house, licensed engineer. If engineering is required, don't expect that all bidders will be equipped to meet the requirements unless they can demonstrate they have done so in the past. Even then, engineering criteria may vary and the proposed engineer should be consulted if conditions are more demanding than a fabricator's previous work would indicate.

IX. DELIVERY
Does the fabricator confirm the delivery sequence prior to shipment? Are the products made with pick-points installed? Are they labeled? Storage and handling stresses can often exceed those which the product will see in use. Occasionally, the installation loads and stresses will govern the design.

X. INSTALLATION
Since most fabricators are manufacturers and not contractors, they need to (1) be responsive to the site condition; (2) communicate well with the installer; (3) ideally provide on-site personnel to assist during installation; (4) properly label all hardware and components; and (5) make sure parts fit.

As FRP properties become better understood and appreciated by the architectural community, we see a more professional approach to using it. We, and other firms, have lately been retained as consultants to help ensure that the end-product meets expectations. FRP is a sophisticated, well-proven product and has been used for over 45 years in far more demanding and rigorous situations than is required for architectural cladding. So, properly specified, designed, and manufactured, it can be a powerful tool for architects and builders.

William Kreysler is a member of Composites Fabricators Association. For more information on William Kreysler Associates, consult the SourceList on page 16.
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>Max. Size</th>
<th>Materials</th>
<th>Installation Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha-One Fiberglass Exteriors</td>
<td>Replications of existing exterior ornament in fiberglass, cast concrete, aluminum, or other materials as specified.</td>
<td>Free Write in No. 486</td>
<td>6 Ft. H.</td>
<td>Cast stone, cast concrete, plaster, cast aluminum, urethane or epoxy-filled resin casts</td>
<td></td>
</tr>
<tr>
<td>Architectural Facades Unlimited</td>
<td>Custom manufacture of interior and exterior precast architectural ornamentation. On-site, full service drawings, patterning, molding, framing casting of columns, balustrades, cornerstones, niches, and more; commercial and residential.</td>
<td>Send $15 for spec book Write in No. 147</td>
<td>Any size</td>
<td>Standard cement, plaster, GFRC, various finishes</td>
<td></td>
</tr>
<tr>
<td>Architectural Fiberglass, Corp.</td>
<td>FRP architectural ornamentation, including cornices, brackets, columns, friezes, rain spouts, and more; on-site moldmaking, custom shapes; shop-fabricated milled corn美好生活; uv-resistant surface coatings; extensive experience with landmark projects: numerous standard cornice mouldings.</td>
<td>Free Write in No. 640</td>
<td>8 Ft. H.</td>
<td>FRP, GFRC</td>
<td></td>
</tr>
<tr>
<td>The Art Home Studio</td>
<td>This shop specializes in landmark restorations of图案 and moldmaking to casting and sculpting architectural detail: Cornices, domes, molding, niches, balustrades, and more.</td>
<td>Free Write in No. 643</td>
<td>5 Ft. H.</td>
<td>FRP, GFRC, cast stone, cast marble, cast bronze</td>
<td></td>
</tr>
<tr>
<td>Boston Valley Terra Cotta</td>
<td>This company supplies terra cotta replacement for in-kind restoration. They will work from drawings or photos, set up analyses for color and texture matching, make molds, and create final ornamentation.</td>
<td>Free Write in No. 16</td>
<td>5 Ft. H.</td>
<td>Terra cotta</td>
<td></td>
</tr>
<tr>
<td>Campbellsville Industries, Inc.</td>
<td>This (primary) specialty manufacturer also crafts cornices in aluminum — and other metals — in a variety of finishes.</td>
<td>Free Write in No. 582</td>
<td>12 Ft. H.</td>
<td>Aluminum, copper, lead-coated copper, galvanized, termo-coated stainless, etc.</td>
<td></td>
</tr>
<tr>
<td>Eden Fiberglass</td>
<td>This company designs, engineers, and manufactures FRP elements: Cupolas, steeples, domes, corbels, and ornamentation. Ecclesiastical and landmark work a specialty.</td>
<td>Free Write in No. 189</td>
<td>Any size</td>
<td>FRP, FRG</td>
<td></td>
</tr>
<tr>
<td>Felter Ornamental Plastering</td>
<td>Consultants, patternmakers, and fabricators of cornices (interior and exterior) and other architectural ornament in GFRC. Historic restorations a specialty.</td>
<td>Send $3 for catalog Write in No. 289</td>
<td>Any size</td>
<td>FRP, GFRC, Polymer-modified gypsum</td>
<td></td>
</tr>
<tr>
<td>Fiberglas Masters Technologies, Inc.</td>
<td>This shop-crafts FRP and GFRC ornament in size or size or structural or non-structural; variety of finishes and colors; reproductions.</td>
<td>Free Write in No. 471</td>
<td>6 Ft. H.</td>
<td>FRP</td>
<td></td>
</tr>
<tr>
<td>Fibertech Corporation</td>
<td>FRP cornices range in size from 12 in. to 6 ft.; standard shapes; custom, commercial, and landmark work.</td>
<td>Free Write in No. 121</td>
<td>12 Ft. H.</td>
<td>Cast iron that can be finished to resemble iron, stone, marble, terra cotta, etc.</td>
<td></td>
</tr>
<tr>
<td>Historical Arts &amp; Casting, Inc.</td>
<td>Expert, finely crafted cast-metal ornamentation, including cornices, raiings, shoe trims, lathes, sills, and more; variety of finishes; custom work a specialty; will work from shop drawings.</td>
<td>Free Write in No. 441</td>
<td>Any size</td>
<td>Sheet metal</td>
<td></td>
</tr>
<tr>
<td>LP Kent Corporation</td>
<td>This sheet metal and roofing contractor has experience with landmark buildings and historic properties and specializes in slate and tile roofing and sheet metal fabrication of cornices and other architectural ornament.</td>
<td>Free Write in No. 459</td>
<td>12 Ft. H.</td>
<td>Cast stone, cast concrete, terra cotta, gypsum, FRP, FRG</td>
<td></td>
</tr>
<tr>
<td>William Keyser &amp; Assoc., Inc.</td>
<td>Designers, engineers, moldmakers, and fabricators of exterior ornamentation using FRP, GFRC, Polymer, concrete cast stone.</td>
<td>Free Write in No. 509</td>
<td>4 Ft. H.</td>
<td>Sheet copper, aluminum</td>
<td></td>
</tr>
<tr>
<td>David Kaceira, Inc.</td>
<td>Expertise lies in the custom manufacture of precast (terra cotta, GFRC, FRG, cast stone, and gypsum) pieces with exact replication; landmark projects &amp; on-site work; pattern work from drawings.</td>
<td>Free Write in No. 520</td>
<td>12 Ft. H.</td>
<td>Sheet copper, galvanized, aluminum, sheet lead-coated copper, termo-coated stainless steel</td>
<td></td>
</tr>
<tr>
<td>Merchant &amp; Evans, Inc.</td>
<td>This company fabricates aluminum cornices (0.032 - 0.080 in.) in a variety of finishes; copper also available.</td>
<td>Free Write in No. 122</td>
<td>12 Ft. H.</td>
<td>Copper, lead-coated copper, zinc, stainless, galvanized</td>
<td></td>
</tr>
<tr>
<td>Midland Engineering Co.</td>
<td>These fearless climbers have extensive experience in fabricating and installing exterior corbels, slate and tile roofing, and other work on historic commercial properties.</td>
<td>Free Write in No. 742</td>
<td>Any size</td>
<td>Sheet copper, galvanized, aluminum, sheet lead-coated copper, termo-coated stainless steel</td>
<td></td>
</tr>
<tr>
<td>Hunt Miller</td>
<td>This architectural sheet-metal contractor fabricates cornices, finials, conductor heads, and other ornamentation.</td>
<td>Free Write in No. 805</td>
<td>6 Ft. H.</td>
<td>Copper, lead-coated copper, zinc, stainless, galvanized</td>
<td></td>
</tr>
<tr>
<td>Molded Glass Glass</td>
<td>This company specializes in FRP architectural elements; commercial projects; lay-up, spray-up, and in-house product design; engineering, fabrication.</td>
<td>Free Write in No. 922</td>
<td>Any size</td>
<td>Cast concrete, FRP</td>
<td></td>
</tr>
<tr>
<td>Molloy &amp; Associates, Inc.</td>
<td>This company provides raw materials to the GFRC industry, makes on-site molds, and has access to the network of GFRC moldmaking manufacturers.</td>
<td>Free Write in No. 279</td>
<td>10 Ft. H.</td>
<td>GFRC</td>
<td></td>
</tr>
<tr>
<td>W.F. Norman Corp.</td>
<td>Largest fabricator of sheet-metal ornament in the U.S.; hundreds of stock designs of cornices, moldings, brackets and corbels, window and door caps, and lots more. Duplication of original pieces or will work from shop drawings.</td>
<td>Free Write in No. 52</td>
<td>6 Ft. H.</td>
<td>Sheet copper, galvanized; also stamped zinc and aluminum applied ornament</td>
<td></td>
</tr>
<tr>
<td>Rocca Stuto Studios, Inc.</td>
<td>Architectural ornamentation in FRP. Moldmaking from drawings, templates, on-site, experience with Landmark projects.</td>
<td>Free Write in No. 422</td>
<td>Any size</td>
<td>FRP</td>
<td></td>
</tr>
<tr>
<td>Seaf Brandford Fiberglass, Inc.</td>
<td>This FRP molder and toiler fabricates building components and architectural elements; stock cornices and brackets, on-site molds.</td>
<td>Free Write in No. 462</td>
<td>6 Ft. H., 6 Ft. L.</td>
<td>FRP, GFRC</td>
<td></td>
</tr>
<tr>
<td>Custom fabrication and duplication of existing cornices and exterior trim; large stock collection.</td>
<td>Free Write in No. 721</td>
<td>Any size</td>
<td>Galvanized, copper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valparaiso Supply</td>
<td>This custom fabricator will reproduce virtually any cornice profile; also custom finials, wallhazens, roof ornaments.</td>
<td>Free Write in No. 486</td>
<td>6 Ft. H., 8 Ft. L.</td>
<td>FRP, GFRC</td>
<td></td>
</tr>
</tbody>
</table>
Campbellsville Industries
fabricators of
CUSTOM and CLASSICAL CORNICES

- custom fabrication
- delivery with our trucks
- variety of metals
- stock designs available
- historical reproductions
- baked on finishes

World's largest fabricator of
CUSTOM METAL STEEPLES, CUPOLAS, AND DOMES

CALL AT ONCE: 800-467-8135 or Fax: 502-465-6839

CAMPBELLSVILLE, INC.
TAYLOR BOULEVARD, DEPT. TB, CAMPBELLSVILLE, KY 42718

Architectural Facades Unlimited
For those special details that set your properties apart from all others. We specialize in the design and production of columns, balustrades, pool coping, pavers, stairs treads, moldings, wall caps, and mantels.

To the trade only

Architectural Facades Unlimited
440 West Julian, Suite 240
San Jose, California 95110
408 x 298 x 2759

L. P. Kent Corporation offers expert capability for sheet metal fabrication, roofing and installation with skills acquired in almost 50 years of experience in serving the construction industry. Leaning towards the difficult or unusual project, we have acquired a sound reputation for our performance in restoration and new construction for many traditionally ornate landmark and contemporary structures such as Marymount School, the Fordham University Church, Ellis Island Restoration, St. Mark's Church Rectory, the Convent of the Sacred Heart, the Frick Collection, the St. George Hotel, the Metropolitan Museum of Art and many others.

As skilled craftsmen, we take pride in every one of our completed projects, maintaining the highest standards. As a successful organization, we can confidently guarantee performance and your long lasting satisfaction.

For a commitment to excellence, we are just a phone call away...

L. P. Kent Corporation
4505 Park Avenue, Bronx, NY 10457 • Phone: (718) 365-4505
Fax: (718) 365-8033

Cornices
and other ARCHITECTURAL & ROOFING COMPONENTS

of Sheet Metal...

An Apartment Building, 32 East 64th Street in Manhattan.

The Rectory of St. Mark's Church, East 11th Street. (work in progress)
MOLLOY & ASSOCIATES, INC. provides the raw materials and service to the GFRC industry. This restoration shot of the Fairmont Hotel in San Francisco is an excellent example of the use of GFRC. Write in No. 279

A metal cornice restored at a Manhattan upper east side residence by L.P. KENT Corporation, sheet metal and roofing contractors. Write in No. 441

This custom bracketed cornice was cast in polymer by FELBER ORNAMENTAL PLASTERING CORP. Write in No. 289

BOSTON VALLEY TERRA COTTA restored the Liberty Building, in Buffalo, with a polychrome terra cotta cornice — a typical like-kind custom project for this company. Write in No. 16

This restoration shot of the Fairmont Hotel in San Francisco is an excellent example of the use of GFRC. Write in No. 279

This 35,000 sq.ft. cornice restoration at the Equitable Building on lower Broadway, in New York City, is reputed to be the largest East Coast restoration using fiberglass (as a terra cotta replacement). ROCCA NOTO SCULPTURE STUDIO Write in No. 422

This in-progress restoration of a lead-coated copper cornice at Ball State University, in Muncie, Ind., was fabricated and installed by MIDLAND ENGINEERING CO. Write in No. 742

This newly constructed oceanfront home in N.J. features FRP balusters with top and bottom railings and columns with capitals and bases. SEAL REINFORCED FIBERGLASS, INC. Write in No. 462

This FRP replica of a massive sandstone corner arch assembly, installed in San Francisco's James Flood Building, was fabricated by WILLIAM KREYSLER & ASSOCIATES, INC.

Section of a DAVID KUCERA, INC. restoration: The custom manufacture of an upper cornice using precast pieces with emphasis on detail. Write in No. 459

This FRP replica of a massive sandstone corner arch assembly, installed in San Francisco's James Flood Building, was fabricated by WILLIAM KREYSLER & ASSOCIATES, INC.

HISTORICAL ARTS & CASTING, a high-end, custom cast-metal foundry fabricated this spectacular aluminum canopy (finished with a fluoropolymer coating) installed in a Dallas commercial property. Write in No. 121

"Stuart Style" FRP cornice, fabricated by ARCHITECTURAL FIBERGLASS CORP. and installed in downtown Manhattan. Write in No. 640
Faster! Easier! More Versatile! Economical!

...Just Plain Better!

If your business is Architectural Restoration or New Decorative Pieces and your bottom line is what really counts, the professionals at Smooth-On can show you a better way to make molds.

Smooth-On molding compounds can be used on-site, and are readily pourable or "brushable" for painting onto vertical surfaces. Your mold will cure quickly to a durable rubber that will last and perform for you in a production mode - an exact copy of your original with flawless detail.

As Hyde Park Moldings in Long Island City, NY discovered that reproducing ornate 17 beams for the Jewish Museum Restoration Project in Manhattan was faster and easier using Smooth-On's PMC-121 molding compound. For details, call Eli at Hyde Park Moldings. Phone: (718) 706-0504.

It's easy to get started . . . Free working samples and technical help are available. Call us - We're easy to talk to.

Smooth-On . . . your mold making partner™

The Highest Roofing Skills
• Slate • Tile • Sheet Metal •
• Masonry Restoration
• Experienced With Major Historic Landmarks
• Since 1922 • Nationwide Service
(219) 272-0200

DIVISION 5-METALS

ARCHITECTURAL FIBERGLASS CORP.

CORNICE SPECIALISTS • STANDARD & CUSTOM SHAPES

MOLDED FIBERGLASS FOR RESTORATION & NEW CONSTRUCTION

• EXACT DUPLICATIONS
• LANDMARK PRESERVATION
• CORROSION RESISTANT
• WATERPROOFING
• MOLDED-IN COLOR & FINISH
• FIRE RETARDANT - CLASS I
• LIGHT WEIGHT
• COST EFFICIENT
• TERRA COTTA REPRODUCTION
• BALCONY REPLACEMENT
• BALUSTRADES & FASCIAS
• COLUMNS & PILASTERS

Call Or Write For Free Consultation

1395 Marconi Blvd., Copiague, N.Y. 11726 • 516-842-4772 • FAX 516-842-4790
Architects Are No Longer Restricted By Traditional Materials

Aged copper cornice? Look again. FRP cornices replace existing copper at 250 Mercer in New York, NY.

This architect chose FRP cornice over cast stone on the East 37th Street Apartments in New York City.

Why compromise your design when composites give you more control and choices. Traditional architectural materials rely on the vanishing skills of wood carvers, stone masons, & metal craftsmen. Fiber Glass Reinforced Plastic (FRP) is the architect’s choice over wood, stone, metal, marble, terracotta and reinforced concrete because its strong, lightweight, maintenance free, & allows for greater design flexibility.

Your next project can also benefit from these products along with these services:
- Design
- Engineering
- Drawings
- Budget Estimates
- Planning Aid
- Product Manufacturing
- Field Support

Call us Toll Free today & discover creative freedom & lasting beauty designed for the life of your building.

GFRC RESTORE.

Glass Fiber Reinforced Concrete (GFRC) is ideal for building rehabilitation or retrofit projects. Its light weight minimizes the load added to the existing structure.

- Design Flexibility - in texture, pattern and surface finish allows it to blend with various construction materials.
- Craftsmanship - Exact replicas of original ornamental work from landmark and other historic buildings can be produced with complete accuracy.

For a list of qualified GFRC manufacturers call the only company that provides the complete GFRC package.

YOUR RESOURCE FOR GFRC TECHNOLOGY

MOLLOY AND ASSOCIATES, INC.
P.O. BOX 315
HUTCHINSON, TEXAS 77541
(214) 225-6106
Distributors of NEC, AR Classibas, etc.

WRITE IN NO. 279

GFRC RESTORE.

STEPELS & BAPTISTRIES

From the world’s largest manufacturer of fiberglass church products
- Steeples
- Baptisteries
- Litheeled Wall Crosses
- Kringst® Windows
- Baptistry Heaters

Call or write for our free catalog
1-800-527-1459
P.O. Box 134
Newcomb, NY 10957

WRITE IN NO. 731

NEED INFORMATION RIGHT AWAY?

The FAX CONNECTION Form at the back of this issue is the fastest way to get product data and catalogs. Just fill the form out ONCE and then FAX it to as many suppliers as are appropriate.

Use the FAX CONNECTION on pg. 76.
**HISTORY. TRADITION. CRAFTSMANSHIP.**

During the mid-nineteenth century, the ironworks foundry of Daniel Doncaster & Sons of Albany, New York offered a wide variety of classical column features, including iron fronts with plain, fluted, paneled, and round columns, and elaborate capitals and bases.

Today, the craftsmen at Historical Arts and Casting of Salt Lake City specialize in the restoration and replication of cast metal ornamentation, including beautifully ornate capitals and bases, designed and manufactured with the same care and attention as our predecessors.

For additional information, please write or call:

**HISTORICAL ARTS AND CASTING, INC.**
P.O. Box 35
West Jordan, Utah 84084
(801) 969-2400
Toll Free (800) 225-1414
FAX (801) 969-2495

---

**ARCHITECTURAL SCULPTURE**

Replication of:
- Terra Cotta
- Limestone
- Brownstone
- Cast Iron
- Ornamental Metal
- Cast Stone
- Marble
- Specialty Materials

Architectural ornament for restoration and new construction • Pattern work from original drawings • On-site molds and surveys to recreate original elements • Color matching • Creation of models and production molds

**CASTINGS IN ALL MATERIALS**
- Precast Concrete
- Cast Stone
- GFRC
- Fiber-Reinforced Plaster or Gypsum
- Polymer-Reinforced Concrete

**85 WYTHE AVENUE, BROOKLYN, NY 11211 (718) 387-6206. FAX (718) 384-8919**

---

**IT'S REALLY BIG!**

**RESTORATION '93 Exhibition & Conference**

The largest preservation and restoration event in North America.

December 6-8, 1993
Hyenas Convention Center
Boston, Massachusetts
See page 71 for details

---

**BOGTON VALLEY TERRA COTTA • Architectural Terra Cotta for Restoration and New Building**

Our highly experienced ceramic engineers & technical R&D staff specialize in:
- Matching original pieces
- Moldmaking & ram pressing
- Restorations or new installations
- Custom-made roof tile

Write for our literature and client list.

**BOGTON VALLEY TERRA COTTA**
6860 S. Abbott Road, Orchard Park, NY 14127
716-649-7490

---

**THE ART HOME STUDIOS, CO.**

**ARCHITECTURAL PLASTER**

Historical restoration of St. Peter's Church, Hartford, CT

**FIBERGLASS**

FRP used at exterior of Weston House, N.Y.C.

**CAST-STONE**

The Art Home Studios, Inc. offers complete architectural sculpture service. Our proficient craftsmen are capable of replicating any architectural detail for historic renovations and restorations. Also, we are able to recreate new architectural design, utilizing GRG, FRP, GFRC, Cast-stone, Cast-marble and cold-cast metal from architect's drawings.

Send us a sketch, photo, blueprint, or anything showing your concept for price estimate, or call us for assistance on site.

718-383-0603
FAX: 718-389-7578
64 HURON STREET
BROOKLYN, NY 11222

---

**WRITE IN NO. 121**

---

**WRITE IN NO. 409**

---

**WRITE IN NO. 16**

---

**WRITE IN NO. 643**
WOOD MOLDINGS: Gratuitous Embellishment or Essential Interior Definition?

Moldings, properly placed in an open, interior space reconcile abstract geometry and human scale.

For the definitive treatise on moldings, see Donald Rattner's magnum opus on page 4 of this issue. Once one fully understands the importance of moldings and proportion in an interior space, the SourceList that follows should be a helpful guide for selecting appropriate architectural millwork manufacturers and suppliers. The Editors surveyed 184 molding manufacturers, and from those companies that responded, selected the 38 that provide the best cross section of carved, embossed, straight-run, curved, radius, metal-covered, or flexible wood and wood lookalike elements.

Instant Access to Product Literature for Wood Moldings
If your office qualified to receive the 1995 TRADITIONAL BUILDING CATALOG, you'll find prefilled product literature there for the following suppliers of wood moldings and wood substrates:
- Architectural Components
- Center Lumber
- Crownings Touch
- Cumberland Woodcraft
- Custom Decorative Moldings
- Drivwood Moldings
- Enkeboll Designs
- Executive Woodsmiths
- Mohamed Wood Turning
- Mountain Lumber Co.
- J.E. Smith Co.
- Vintage Wood Works
- White River Hardwoods
- Ron Wiener — Woodcarver
- Woodstone

Custom Woodwork has never been this easy!

Executive Woodsmiths will craft a wide variety of mantels, door pediments, and architectural features to your size and style requirements. We also produce moldings of grand proportions in our patterns or yours, in straight or curves. Now there's an easy way to make your designs come to life. Please call us to discuss your next project. Brochures available upon request.

Executive Woodsmiths, Inc.
215 V Foster Ave.
Charlotte, NC 28203
(704) 527-9690

WRITE IN NO. 932

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

Our W-7 S Model Offers Versatility and Durability

FEATURES:
- Duplication of historic profiles up to 3/4 in. deep
- Solid cast-iron base & head
- Molder-to-Planer in less than 2 minutes
- Portable - on site or in the shop
- 7,000 rpm/two-knife system produces 78 cuts per in.
- 100 standard knives • Custom knives
- Five Year Warranty • Fully American Made!
*Elliptical jig required

WILLIAMS & HUSSEY MACHINE CO. INC.
P.O. BOX 1149 • WILTON NH • 03086
(603) 654-6828 • FAX (603) 654-5446

WRITE IN NO. 498

For hard-to-find:
- MOLDINGS
- RAILINGS
- BALUSTERS
- WAINSCOTING
- COLUMNS
- CUSTOM MILLWORK and TURNINGS

M.E. CONDON COMPANY Inc.
Write or call for details:
133 Naugatuck Ave.
Shelton, CT 06484
Phone/FAX (203) 926-7777

WRITE IN NO. 904

TRADITIONAL BUILDING
You Design The Molding...  We'll Make The Knives!
Shaper/Molder Knives
Knives made for all woodworking machinery
* 3 Day Shipping *

Counselor Profiles
* Mastercard  * Visa  * American Express

Decorative Mouldings

Genuine American Hardwood Mouldings
* Panel & Trim  * Casing  * Chair Rail  * Crown Moulds
* Baseboards  * Period and Custom Designs
* Custom Milling  * Custom & Stock Turnings
* Corner Blocks & Pilaster Blocks
* Custom & Stock Doors

Hundreds of standard styles available in poplar for immediate delivery from stock in lengths from 16 feet, stained or unstained.

Also available in: basswood, cherry, maple, mahogany, pine, red oak, walnut, and fire retardant basswood.

Custom mouldings to your specs or to match samples.

For Catalog and Price List send $2.00 for postage and handling to:

Empire Moulding Co. Inc.
271-772 Main Street, Hatfield, New Jersey 07840
Tel: 201-658-3222  FAX: 201-658-2259

WRITE IN NO. 430

The choice of shape is yours.

T. J. Carr is a manufacturer of quality custom mouldings with an emphasis on service and the assurance of accuracy and elegance of the finished product.

* Custom and standard wood trim.
* 1/8" thick veneers to 12" wide crowns.

Casing, Base, Crown, Flooring, Paneling, Filing mouldings.

Specializing in short runs.

Call or write for free brochure.

T. J. Carr

WRITE IN NO. 489

Make your designs, decor and products COME ALIVE!

A flexible material that handles like wood

FLEXMOULDING

Polyester mouldings offer all the advantages of wood—at a fraction of the cost. Beautify and enhance your projects with mouldings, spot decorations, simulated wood carvings etc.

FLEX MOULDING can be:
* Nailed  * Drilled
* Glued  * Sawed
* Painted  * Gilded
* Stained  * Antiqued

Flex Moulding can accurately copy and reproduce from any sample piece. Flex Moulding can be made fire retardant or fire proof.

Write or call for 38 page catalog:
(201) 487-8080  Fax: (201) 487-6637

WRITE IN NO. 490

1197 Happy Hollow Road  •  Fayetteville, AR 72701
1 (800) 558-0119  •  Phone (501) 442-6986  •  Fax (501) 444-0406

WRITE IN NO. 222

American Custom Millwork, Inc.
3304 Newton Road  •  P.O. Box 3688
Albany, GA 31706
(912) 588-3303  •  (912) 588-4644  •  FAX: (912) 588-9245
U.S.A. — WORLDWIDE

WRITE IN NO. 678

Enjoy the beauty of natural wood

American Custom Millwork, Inc.
3304 Newton Road  •  P.O. Box 3688
Albany, GA 31706
(912) 588-3303  •  (912) 588-4644  •  FAX: (912) 588-9245
U.S.A. — WORLDWIDE

WRITE IN NO. 616
## COMPANY
- **ABB Wood Design**
  - P.O. Box 1199, Dept. TB
  - Georgetown, CT 06829
  - (203) 544-9871

- **Alpine Moulding**
  - 155 Industrial Dr., Dept. TB
  - Burlington, NJ 07836
  - (414) 767-0573

- **American Custom Millwork, Inc.**
  - P.O. Box 3608, Dept. TB
  - Albany, GA 31706
  - (912) 880-3505, 6848

- **Benda Mouldings, Inc.**
  - 37 Ranland Rd. S., Dept. TB
  - Orangeburg, NY 10962
  - (800) 525-0240

- **Boise Molding & Lumber Co.**
  - 116 E. 44th St., Dept. TB
  - Boise, ID 83714
  - (800) 627-6066 (208) 322-6066

- **Forrestor Moulding & Lumber, Inc.**
  - 152 Hamilton St., Dept. TB
  - Leominster, MA 01453
  - (508) 840-3100

- **Hendricks Woodworking**
  - Box 227-1B, Dept. TB
  - Kempton, PA 19529
  - (215) 756-6187

## SPECIALTY
- This company provides stock and custom manufacture of moldings, paneling, newels and balusters, doors, and more for both residential and commercial use.

## TYPE OF MOLDINGS
- **Literature**
  - Free
  - Write In No. 222
- **Straight Edge**
  - Embossed [ ]
  - Carved [ ]
  - Detailed [ ]
  - Fluted/Reeded [ ]
  - Carved/Radius [ ]
  - Flexible [ ]
  - Other [ ]

## MATERIALS
- Exotics [ ]
- Styrofoam [ ]
- Wood [ ]
- As specified [ ]

## Custom Matching
- 50% [ ]
- 99% [ ]
- 80% [ ]
- 25% [ ]

## % Custom
- 80% [ ]
- 45% [ ]
- 65% [ ]
- 99% [ ]

## TRADITIONAL BUILDING'S WOOD MOLDINGS Source List
- CSI# 06400

### COMPANY
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
</table>
| **A&B Wood Design** | P.O. Box 1199, Dept. TB
| **Alpine Moulding** | 155 Industrial Dr., Dept. TB
| **American Custom Millwork, Inc.** | P.O. Box 3608, Dept. TB
| **Benda Mouldings, Inc.** | 37 Ranland Rd. S., Dept. TB
| **Boise Molding & Lumber Co.** | 116 E. 44th St., Dept. TB
| **Forrestor Moulding & Lumber, Inc.** | 152 Hamilton St., Dept. TB
| **Hendricks Woodworking** | Box 227-1B, Dept. TB

### SPECIALTY
- This company provides stock and custom manufacture of moldings, paneling, newels and balusters, doors, and more for both residential and commercial use.

### TYPE OF MOLDINGS
- **Literature**
  - Free
  - Write In No. 222
- **Straight Edge**
  - Embossed [ ]
  - Carved [ ]
  - Detailed [ ]
  - Fluted/Reeded [ ]
  - Carved/Radius [ ]
  - Flexible [ ]
  - Other [ ]

### MATERIALS
- Exotics [ ]
- Styrofoam [ ]
- Wood [ ]
- As specified [ ]

### Custom Matching
- 50% [ ]
- 99% [ ]
- 80% [ ]
- 25% [ ]

### % Custom
- 80% [ ]
- 45% [ ]
- 65% [ ]
- 99% [ ]
CUSTOM MILLWORK

CTO

1,000 Existing Profiles
Doors • Windows • Bar Tops
Curved Mouldings
Fine Hardwoods

AWL, NBSA
85 Fulton Street, Box 2342
Paterson, New Jersey 07509
(201) 742-0000 • Fax (201) 742-8001

CUSTOM MILLWORK

STRAASSR & ASSOCIATES. INC.
Architectural Restoration • Period Interiors

SPECIALISTS IN HISTORIC

MOLDING

RE-CONSTRUCTION

CONSULTATIONS

GENERAL & DECORATIVE CONTRACTING

REPRODUCTION OF ARCHITECTURAL

ELEMENTS AND FURNITURE.

COMMERCIAL, RESIDENTIAL & MUSEUMS

34 HILLSIDE AVENUE

MONTELE, NY 10952
(800) 378-4778 • (914) 425-0050
FAX (914) 425-0142

BENIX MOLDINGS. INC.
37 Ramland Road Sooth, Orangeton, New York 10962
Tel: (914) 365-1111 • 1-800-526-0240 • Fax: (914) 365-1218

This Catalog

should be in your files

Over 150 illustrations of decorative wood mouldings and ornaments for every architectural need.
Write for your copy today.
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>TYPE OF MOLDINGS</th>
<th>MATERIALS</th>
<th>Custom Matching</th>
<th>% Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>House of Moulding</td>
<td>15202 Osborn St., Dept. TB</td>
<td>Large selection of hardwood and softwood moldings; also cornices, decorative plaques, finials, ceiling medallions, mantels, and more.</td>
<td>Free Write in No. 220</td>
<td>Hardwoods, softwoods</td>
<td>✔</td>
<td>40%</td>
</tr>
<tr>
<td>Van Nuyes, CA 91411</td>
<td>Outside Ca. (800) 527-4186 In Ca. (800) 675-1952</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vindham</td>
<td>950 Norlon, M</td>
<td>All styles of carved moldings, carved doors, frames, and mantels.</td>
<td>Free Write in No. 460</td>
<td>Hardwoods, softwoods</td>
<td>✔</td>
<td>100%</td>
</tr>
<tr>
<td>Fayetteville, AR 72165</td>
<td>(801) 906-8665 To Ca. (800) 848-5556</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Hardwood Flooring/Moulding</td>
<td>14499 Dicken St., Dept. TB</td>
<td>This company provides flooring, moldings, columns, staircasess, mantles, and other tools and equipment. 4, 10 million lb. of material stocked; custom milling.</td>
<td>Send $15 for 450-pg. catalog Free flyer Write in No. 474</td>
<td>Hardwoods, softwoods, polymers</td>
<td>✔</td>
<td>25%</td>
</tr>
<tr>
<td>Van Nuyes, CA 91411</td>
<td>(818) 399-4700</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NMC Decoration, Inc.</td>
<td>4501 NMC Dr., Dept. TB</td>
<td>Manufacturers of high-density polymer moldings, medallions, and niches.</td>
<td>Free Write in No. 477</td>
<td>High-density polyurethane, polystyrene (fire retardant)</td>
<td>✔</td>
<td>5%</td>
</tr>
<tr>
<td>Zebulon, NC 27597</td>
<td>(800) 345-7279</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ornamental Mouldings</td>
<td>1907 Nugget Rd., Dept. TB</td>
<td>Solid hardwood architectural moldings and accessories, including period moldings; custom designs, and exotic woods.</td>
<td>Free Write in No. 705</td>
<td>Hardwoods</td>
<td>✔</td>
<td>5%</td>
</tr>
<tr>
<td>High Point, NC 27265</td>
<td>(336) 351-9120</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outwater Plastics Industries</td>
<td>4 Paasic St., Dept. TB</td>
<td>Extensive selection of polymer moldings, including ceiling medallions, chair rails, columns, and other molded ornament.</td>
<td>Free Write in No. 493</td>
<td>Columns</td>
<td>✔</td>
<td>5%</td>
</tr>
<tr>
<td>Wood Ridge, NJ 07675</td>
<td>(800) 651-8375</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powell Cabinet &amp; Fixture</td>
<td>1530 Freeport Blvd., Dept. TB</td>
<td>This shop can build any shape or radius to spec. It also makes molds and can supply cast members.</td>
<td>Free</td>
<td>Molds and members</td>
<td>✔</td>
<td>95%</td>
</tr>
<tr>
<td>Sparks, NV 89431</td>
<td>(702) 359-4700</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prime Wood Products, Inc.</td>
<td>4505 136th Ave., Dept. TB</td>
<td>Manufacturers of suspended wood ceiling systems in 2 styles; also other specialty wood products and architectural accents.</td>
<td>Free Write in No. 494</td>
<td>Wood ceiling system</td>
<td>✔</td>
<td>20%</td>
</tr>
<tr>
<td>Holland, WI 54444</td>
<td>(616) 399-4700</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Shore Millwork</td>
<td>34 N. Worcester St., Dept. TB</td>
<td>Custom woodworking shop that specializes in custom doors, entries, moldings, and millwork; residential and commercial.</td>
<td>Free</td>
<td>Hardwoods, softwoods</td>
<td>✔</td>
<td>100%</td>
</tr>
<tr>
<td>Norton, MA 02766</td>
<td>(508) 226-7419</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Style-Mark, Inc.</td>
<td>960 W. Barre Rd., Dept. TB</td>
<td>High-density polyurethane millwork: moldings, gable returns, door enfrance systems, pilasters, mantels, and pediments.</td>
<td>Free Write in No. 483</td>
<td>Moldings ranging from 8-12 ft. lengths</td>
<td>✔</td>
<td>20%</td>
</tr>
<tr>
<td>Archbold, OH 45802</td>
<td>(419) 445-0116</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunrise Moulding &amp; Frame</td>
<td>154 26th St., Dept. TB</td>
<td>This shop fabricates metal-covered wood moldings in chrome, brass, copper, bronze, aluminum, polished, brushed; custom work.</td>
<td>Free</td>
<td>As specified</td>
<td>✔</td>
<td>100%</td>
</tr>
<tr>
<td>Brooklyn, NY 11232</td>
<td>(718) 499-1710</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vermont Custom Doors &amp; More, Inc.</td>
<td>R.D. 1, Box 1760, Dept. TB</td>
<td>This custom door manufacturer also makes moldings, ceiling and floor moldings, and more.</td>
<td>Free Write in No. 458</td>
<td>Doors, windows</td>
<td>✔</td>
<td>95%</td>
</tr>
<tr>
<td>Fairfield, VT 05455</td>
<td>(802) 524-6982</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White River Hardwoods, Inc.</td>
<td>1197 Hagg Hollow Rd., Dept. TB</td>
<td>Over 200 molding profiles in poplar and red oak, also 50 embossed moldings architectural millwork, curved and radius moldings, and more.</td>
<td>Free Write in No. 232</td>
<td>Poplar, red oak, or as specified</td>
<td>✔</td>
<td>50%</td>
</tr>
<tr>
<td>Fayetteville, AR 72701</td>
<td>(800) 558-0119 (501) 442-6986</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Williams and Hussey Machine Co., Inc.</td>
<td>P.O. Box 1149, Dept. TB</td>
<td>This company makes the W-5 moulder and Planer, which cuts straight and circular moldings, casings, crowns, frames, and rafted panels; jig attachment allows elliptical cuts as well.</td>
<td>Free Write in No. 498</td>
<td>Molder/ planer</td>
<td>✔</td>
<td>5%</td>
</tr>
<tr>
<td>Wilton, NH 03866</td>
<td>(800) 258-1380 (603) 664-6628</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Windham Millwork, Inc.</td>
<td>Box 1358, Dept. TB</td>
<td>Stock includes over 1,000 profiles; variety of hardwoods, custom knife grinding.</td>
<td>Send $5 for catalog</td>
<td>Hardwoods</td>
<td>✔</td>
<td>80%</td>
</tr>
<tr>
<td>Windham, ME 04062</td>
<td>(207) 892-3238</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The James Wood Company</td>
<td>P.O. Box 557, Dept. TB</td>
<td>Modular molding and paneling system consists of grooved moldings and decorative inserts for easy assembly and installation.</td>
<td>Free Send 5 for sample kit</td>
<td>Pre-covered crown moldings</td>
<td>✔</td>
<td>5%</td>
</tr>
<tr>
<td>Williamsport, PA 17701</td>
<td>(717) 326-3662</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wood-O-Rama</td>
<td>258 W. 108th St., Dept. TB</td>
<td>This company distributes wood moldings from most of the major molding manufacturers.</td>
<td>Free Write in No. 754</td>
<td>Columns, medallions, more</td>
<td>☑</td>
<td>10%</td>
</tr>
<tr>
<td>New York, NY 10025</td>
<td>(212) 749-6438</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Woodstone Company</td>
<td>P.O. Box 223, Dept. TB</td>
<td>This custom window shop manufactures muntin profiles to 7/8 in., with insulating glass with custom and block moldings to match.</td>
<td>None</td>
<td>Hardwoods, softwoods, polymers</td>
<td>✔</td>
<td>100%</td>
</tr>
<tr>
<td>Westminster, CO 80215</td>
<td>(802) 722-9217</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Younger Wood Moulding, Inc.</td>
<td>5215 S. Keeler Ave., Dept. TB</td>
<td>Hardwood moldings, embossings, and custom matching</td>
<td>Free</td>
<td>Hardwoods</td>
<td>✔</td>
<td>96%</td>
</tr>
<tr>
<td>Chicago, IL 60632</td>
<td>(312) 735-7100</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hardwoods? Easy!

Buy direct from New England's Moulding Specialists

The Source for Quality Hardwoods

Call for a profile brochure and price list

Forester Moulding & Lumber, Inc.
152 Hamilton Street
Leominster, MA 01453
508-840-3100

WRITE IN NO. 96

MOULDING SPECIALISTS

We stock and distribute over 500 moulding patterns from all the major moulding manufacturers in pine, oak, poplar, mahogany, cherry, and polymer.

Curved, radius and special shapes, columns, ceiling medallions, and much more.

Custom orders welcome. Call us with your special needs.

WOOD-O-RAMA INC.
238 W. 108th Street New York, NY 10025
Phone 1-800-BIG-MOLDING

WRITE IN NO. 754

Your Complete Source of Flooring & Moulding, at the best price in town.

PAYING TOO MUCH??

WOOD-O-RAMA INC.
960 W. Barre Rd., Archbold, Ohio 43502 • 800-446-3040

WRITE IN NO. 485
WOOD MOLDINGS PORTFOLIO

For more information on these companies, consult the SourceList on pages 24-26.

Style No. E-101BLB brass covered wood molding with a high-gloss polish from SUNRISE MOULDING & FRAME.

WRITE IN No. 680

These embossed moldings are part of BENDIX MOULDINGS, INC.'s voluminous stock of embossed, stock, dentilled, and fluted hard and softwood moldings. Write in No. 578

The variety of traditional hardwood moldings (straight and curved), pilasters, crowns, sash, and more milled by WINDHAM MILLWORK, INC., are demonstrated in this interior setting.

Custom cutting is a specialty of M.L. CONDON CO. and complements their 35,000 sq. ft. warehouse of 43 wood species and 40 stock moldings. Write in No. 401

This egg-and-dart polyester molding is flexible in all dimensions. FLEX MOULDING, INC. Write in No. 490

This embossed hardwood acanthus leaf assembly molding (#827) is manufactured by ORNAMENTAL MOULDINGS, INC. Write in No. 706

These three circular moldings are a sampling of HENDRICKS WOODWORKING's custom millwork capabilities.

"Selectrim" moldings — domestic and imported hardwoods with wood or plastic inserts — from THE JAMES WOOD COMPANY provide for easy customization because inserts are removable.

Two examples of WHITE RIVER HARDWOOD'S embossed moldings in poplar and red oak. Write in No. 232

This birch molding (model #664 that measures 3/4 in. x 3 in.) is part of HOUSE OF MOULDING's large stock of carved and embossed moldings. Write in No. 230

STYLMARK, INC.'s packages of high-density polyurethane molded elements are illustrated in this photo of decorative arch with red caps and keystone, door crosshead, and pilaster. Write in No. 485

This "leaf and pin" design is a hand-carved molding from MACARTNEY CLASSICAL WOODCARVING. Write in No. 460

These embossed moldings are manufactured by NMC DECORATION, INC. Write in No. 477

"Selectrim" moldings — domestic and imported hardwoods with wood or plastic inserts — from THE JAMES WOOD COMPANY provide for easy customization because inserts are removable.

This birch molding (model #664 that measures 3/4 in. x 3 in.) is part of HOUSE OF MOULDING's large stock of carved and embossed moldings. Write in No. 230

"Selectrim" moldings — domestic and imported hardwoods with wood or plastic inserts — from THE JAMES WOOD COMPANY provide for easy customization because inserts are removable.

These embossed moldings are manufactured by NMC DECORATION, INC. Write in No. 477

"Selectrim" moldings — domestic and imported hardwoods with wood or plastic inserts — from THE JAMES WOOD COMPANY provide for easy customization because inserts are removable.

Two examples of WHITE RIVER HARDWOOD'S embossed moldings in poplar and red oak. Write in No. 232

These embossed moldings are manufactured by NMC DECORATION, INC. Write in No. 477

"Selectrim" moldings — domestic and imported hardwoods with wood or plastic inserts — from THE JAMES WOOD COMPANY provide for easy customization because inserts are removable.

Two examples of WHITE RIVER HARDWOOD'S embossed moldings in poplar and red oak. Write in No. 232
Mouldings

- Huge Catalog of proprietary mouldings.
- Mouldings for residential and commercial use.
- Historical Mouldings or duplication of existing.
- Prefinishing and sanding of mouldings.
- Curved and elastomer mouldings.
- Carvings, castings and turnings.
- Columns all classical orders.
- Newels, balusters, handrails and volutes.
- Inventory of our most popular profiles.
- Design services to the trade.
- Architectural millwork.
- Samples available.
- Exotic species.
- Call 1.800.669.9871 for free catalog.

A & B Wood Design Associates, Incorporated
16 Old Mill Rd. P.O. Box 1199 Georgetown, Ct. 06829
Tel. (203)544.9871 Fax. (203)544.1088

The Answers To Your Toughest Restoration And Repair Problems...

WOOD RESTORATION

LiquidWood and WoodEpoxy give new life to severely rotted wood finishes, sash, frames, shutters, columns, antiques, decorative wood elements. The Abatron system is especially valuable when original wood must be saved for historic reasons. LiquidWood consolidates reinforcing and waterproofing by hardening after penetrating. WoodEpoxy structural adhesive putty fills, repairs, and replaces missing wood. It can be sanded, milled, stained, etc., like wood.

CONCRETE RESTORATION

ABoCRETE patching and resurfacing cement/grout Welds permanently to concrete, metal and wood. Structurally and chemically superior to concrete. Patches and resurfaces floors, driveways, work areas, structures, columns, decks, pitted and spalled surfaces for industrial, marine, institutional and residential uses.

CRACK-INJECTION

ABoJET structural crack-injection resins are proven 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. ABoJET welds concrete masonry, marble, stone, wood, ceramics, metals, stucco, and gypsum.

- For additional information on these cost-effective restoration materials, contact:

33 Center Drive, Dept. TB, Gilberts, IL 60136
Phone: (800) 445-1754 or (708) 426-2200
FAX: (708) 426-5966

TRADITIONAL BUILDING
Exploring the world of Columns & Capitals

The growing interest in traditional architecture has created a parallel demand for classical columns, which you can now obtain in wood, stone, cast stone, metal, plaster/gypsum — and a range of composites.

BY CLEM LABINE

In his article on moldings (see page 6), Donald Rattner makes a key point about the differences between a cylinder and the classical column. Much of 20th-century "modern" architecture uses a plain cylindrical post where previous generations of architects would have used an architectural column.

As Rattner points out, the cylinder and the classical column express two dramatically different sensibilities. The cylinder is a mathematically pure form easily produced by machine — and is an ideal expression of the mechanical aesthetic that has dominated much of this century. The classical column, on the other hand, is a modeled form, with a well-defined top and bottom. It is designed not only to perform the task of supporting loads, but also to visually express the idea of supporting a load. The swelling of the column toward the bottom and the use of a base that is heavier than the capital are devices that express an object reacting to gravity and imposed loads. Just as trees evolved in nature with a gradation from bottom to top in response to gravity, the classical designer imparts to the column a distinct top and bottom, creating an element that mediates between the natural world and the abstract world of geometry.

In a previous issue (May/June 1992, p. 14), we looked at the fine points that determine a true classical column. For this discussion, it's sufficient to point out that not all columns on the commercial market can pass the test of being "architecturally correct" in the classical sense. On some jobs, it may be quite sufficient to have a column that merely "looks right." On other projects, it may be essential to ensure that the columns are produced with all the authentic classical refinements. To assemble the supplier Source-

List on the following pages, the editors sent a questionnaire to 208 companies in our database that are known to manufacture or supply columns. From the responses, we selected that 44 companies that appear to hold the greatest interest for our professional audience.

FORTON MG Casting System

Glass-Fiber Reinforced Gypsum System For Architectural Elements

Forton MG

- Interior / Exterior material • Simple to use
- Non-toxic • Wide range of finishes
- Rapid mold cycling • Lightweight
- GFRG
  - Forton polymer additive for GFRC
  - Cem-Fil A-R fiber for GFRC

Distributed by

BALL CONSULTING, LTD.
338 Fourteenth Street
Suite 201
Ambridge, PA 15003
(412) 266-1502
FAX (412) 266-1504

The Leader In Architectural Casting Technology
CHADSWORTH COLUMNS™

The Column Source™

INTRODUCES FIBERGLASS COLUMNS

Load bearing • Impervious to insects • Fire & impact resistant • Ready to prime & paint • Will not rot

Chadsworth offers a complete selection of architectural columns. Sizes – Diameters 4" to 36"; Heights 18" to 40'. By combining our quality products, personalized service and job-site delivery, we are your one-stop column source.

Materials
• Wood
• Fiberglass
• E.P.S.
• Stone
• Marble
• Polyester

Columns Styles
• Ancient, Replication
• Architectural Classic
• Architectural Stock
• Contemporary
• Art Deco
• Arlington

 Capitals
• Decorative Composition
• Temple of Winds
• Greek Erechtheum
• Greek Erechtheum w/ Neck
• Roman Ionic
• Scamozzi
• Renaissance Doric
• Roman Corinthian
• Modern Composite

Materials
• Wood Grain
• Romanesque
• Gothic
• Gothic Renaissance
• Venetian Renaissance
• Italian Composite
• Modern French Ionic w/ Neck
• Italian Renaissance w/ Pilasters
• Italian Renaissance w/ Drops

Chadsworth Columns • P.O. Box 52268 • Dept. 21 • Atlanta, GA 30355 • 404/876-5410 • Fax 404/876-4492
Atlanta Showroom – 1555 Peachtree Street • Catalog $3.00 • Catalog Requests 1-800-394-5177

Please rush me your free fiberglass column brochure.

Type or print

Name/Title

Company

Address

City/State Zip

Phone FAX

[ ] Builder [ ] Architect [ ] Designer [ ] Remodeler [ ] Developer [ ] Real Estate

[ ] Other

Mail coupon to: Chadsworth Columns • Catalog Request Center • P.O. Box 11080 • Goldsboro, NC 27532 • Or call 1-800-394-5177

WRITE IN NO. 18 FOR WOOD COLUMNS & 156 FOR FIBERGLASS
## TRADITIONAL BUILDING'S

### COLUMNS & CAPITALS

SourceList

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>Columns</th>
<th>Capitals</th>
<th>Max. Size</th>
<th>Materials</th>
<th>Style</th>
<th>Source &amp; Finish</th>
<th>Installation Services</th>
<th>% Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>A &amp; B Wood Design, Inc.</td>
<td>Custom millwork shop, with its own line of copyrighted molding designs, supplies wood columns as part of complete millwork packages.</td>
<td>Free Write in No. 222</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>Wood as specified</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>95%</td>
</tr>
<tr>
<td>A&amp;M Victorian Decoration, Inc.</td>
<td>Manufactures a wide range of architectural elements in either gypsum or precast concrete; Columns, molding, mantels, balustrades, wall caps, quoins, fountains, gazebos, etc.</td>
<td>Free Write in No. 747</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>As specified Lightweight precast concrete</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>40%</td>
</tr>
<tr>
<td>Architect</td>
<td>Repair and sculpting of old and new capitals, bases, and other elements. Modemaking and casting specialists. Can cast columns, capitals, and bases from molds in stock.</td>
<td>Prompt response to inquiries</td>
<td>Free Write in No. 14</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>Cast stone, precast concrete, reinforced plaster, resin as specified</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>70%</td>
</tr>
<tr>
<td>Architectural Facades Unlimited</td>
<td>Designs and manufactures cast GFRC columns, balustrades, custom mantels, balustrades, gazebos, moldings, finials, etc.</td>
<td>Free Write in No. 147</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>As specified GFRC</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>75%</td>
</tr>
<tr>
<td>Architectural Products Mfg.</td>
<td>Manufacturers of GRG, modified GRG, and GFRC architectural elements, including columns, mantels, moldings, ceiling panels, etc. Stock and custom columns.</td>
<td>Free Write in No. 897</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>48 in. dia. 22 ft. high (stock); custom as specified</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>60%</td>
</tr>
<tr>
<td>Art Home Studios</td>
<td>Sculptural studio providing design, fabrication, and reproduction of columns and other architectural elements in a wide range of materials.</td>
<td>Free Write in No. 843</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>As specified FRP, GFRC, plaster, cast stone, marble</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>100%</td>
</tr>
<tr>
<td>Ball Consulting</td>
<td>Supplies Forton modified-gypsum casting system for creating interior and exterior architectural elements, including columns and capitals. Consulting and technical service.</td>
<td>Free Write in No. 726</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>Forton MG polyester-modified gypsum</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>100%</td>
</tr>
<tr>
<td>Campbellsville Industries, Inc.</td>
<td>Fabricator of architectural elements, including columns and capitals, in a range of materials, such as aluminum, wood, copper, and rigid urethane.</td>
<td>Free Write in No. 582</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>Aluminum, wood, plaster, copper</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>75%</td>
</tr>
<tr>
<td>Chasworth Columns</td>
<td>Major supplier of architecturally correct columns in all of the classical orders. Available in both traditional travertine wood columns and new fiberglass models. Structural and ornamental.</td>
<td>Free Write in No. 158 for fiberglass columns: No. 18 for wood columns</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>36 in. dia. 40 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>50%</td>
</tr>
<tr>
<td>Classic Architectural Specialties</td>
<td>Offers complete selection of ornamental trim and architectural details, including classical and novelty columns. Victorian millwork, moldings, entry systems, cupolas, ceiling panels.</td>
<td>Free Write in No. 904</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>36 in. dia. 36 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>50%</td>
</tr>
<tr>
<td>Classic Garden Ornaments, Ltd.</td>
<td>Supplies columns, pilasters, capitals, bollards, balls, bases, and finials in limestone and cast stone.</td>
<td>Free Write in No. 303</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>24 in. dia. 12 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>50%</td>
</tr>
<tr>
<td>Classical Woodworks, Inc.</td>
<td>Specializes in stairs, custom stair parts, columns, mantels, Victorian millwork and trim, moldings.</td>
<td>Free</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>30 in. dia. 30 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>10%</td>
</tr>
<tr>
<td>Colonial Castings, Inc.</td>
<td>Extensive range of load-bearing aluminum columns.</td>
<td>Free</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>8 in. dia.</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>5%</td>
</tr>
<tr>
<td>Crowning Touch, Inc.</td>
<td>Complete line of pilasters and columns with bases and capitals; Plain, fluted, and square. Also ceiling medallions, crown moldings, panel moldings, etc.</td>
<td>Free</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>12 in. dia. 14 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>5%</td>
</tr>
<tr>
<td>Cumberland Woodcraft Co.</td>
<td>Complete line of solid hardwood carved capitals, carved all 4 sides. Finished wood and Marineite columns. Appliances also available.</td>
<td>Free Write in No. 131</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>12 in. dia. 10 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>25%</td>
</tr>
<tr>
<td>J.A. Dawley Fine Woodworking</td>
<td>Provides true classical columns, up to 14 ft. long and 22 in. dia. will quote any custom turnings larger. Exact duplications for interior or exterior: Columns, posts, newels, and balusters.</td>
<td>Free Write in No. 420</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>22 in. dia. 14 ft. (larger on custom basis)</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>50%</td>
</tr>
<tr>
<td>DEC Associates</td>
<td>Offers line of standard columns, as well as custom manufacturing. Can also supply custom aggregate finishes.</td>
<td>Free Write in No. 892</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>60 in. dia. height to spec</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>50%</td>
</tr>
<tr>
<td>Dixie-Pacific Mig. Co.</td>
<td>Complete line of turned wood architectural products, including custom columns, decorative capitals, spindles, hand rails, and more.</td>
<td>Free</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>36 in. dia. 24 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>45%</td>
</tr>
<tr>
<td>DMS Studios</td>
<td>Sculpture studio provides handcarving of classical capitals and other architectural ornament in marble, limestone, or cast bronze.</td>
<td>Free Write in No. 910</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>As specified Marble, Limestone, bronze</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>100%</td>
</tr>
<tr>
<td>Edos Corporation</td>
<td>Has hundreds of column sizes and shapes available from existing tooting, along with many sizes and shapes of capitals. Custom work also available.</td>
<td>Free Write in No. 189</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>✓ ✓</td>
<td>48 in. dia. 27 ft. high</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>✓ ✓ ✓</td>
<td>20%</td>
</tr>
</tbody>
</table>
the standard of quality since 1860

SCHWERD’S

wood columns

COLUMNS — Schwerd columns are durable. Our 120+ years of experience in manufacturing wood columns has proven that the durability of a wood column depends upon the strength of the joint and the quality and thickness of the wood. Schwerd column construction was developed to meet each specific requirement. The wood is thoroughly seasoned Northern White Pine. The pride of craftsmanship and skilled techniques acquired by 120 years of specialized experience is applied. The resulting product is a “Schwerd Quality Column” specified by architects with complete confidence. Both standard and detail columns can be furnished from 4 in. to 50 in. in diameter and up to 35 ft. in length with matching pilasters.

If you are one of our old customers during the many years since our beginning in 1860, you know our product; if not, send us your inquiries and orders and join our list of satisfied customers.

SEND FOR OUR FREE CATALOG

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

Schwerd’s — Aluminum ventilated plinth and aluminum turned member base are manufactured of thick metal and are recommended for all exterior columns in the above diameters to provide a maintenance-free, seamless base which is guaranteed against deterioration for a lifetime.

A. F. SCHWERD MANUFACTURING COMPANY

telephone: 412-766-6328

3215 McClellan Avenue

Pittsburgh, Pa. 15218

Exquisitely Detailed

Hand-Carved Vicenza Stone

WRITE IN NO. 16

TECHCRETE

ARCHITECTURAL PRECAST

CUSTOM COLUMNS AND PRECAST CONCRETE

CONTACT DESIGN DEPT. AND MOLD SHOP

SIMPLIFIED FLORIDA KEYS

TECHCRETE ARCHITECTURAL PRECAST INC.

WRITE IN NO. 21

FAGAN DESIGN

A complete line of architectural columns andurnings. 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. 20

WRITE IN NO. 422

WRITE IN NO. 140 Scamozzi

WRITE IN NO. 141 Roman Ionic

WRITE IN NO. 142 Greek Ionic

WRITE IN NO. 143 Roman Corinthian

WRITE IN NO. 152 Temple of Winds

WRITE IN NO. 144 Modern Ionic

WRITE IN NO. 2555

WRITE IN NO. 83215 McClellan Avenue

WRITE IN NO. 25

WRITE IN NO. 821

WRITE IN NO. 16

WRITE IN NO. 12

WRITE IN NO. 420

WRITE IN NO. 16

WRITE IN NO. 821

WRITE IN NO. 12

WRITE IN NO. 420

WRITE IN NO. 16
### Traditional Building's Columns & Capitals SourceList

**COMPANY**

**SPECIALTY**

- **Hand-tumed custom columns, capitals, cylindrical, cone-shaped, and spirel, etc. Large turnings produced in any species. Exact duplications for restoration.**
- **Sculpture studio has a wide range of molds to produce cast columns and capitals in a wide range of materials. Custom casting available.**
- **Columns and capitals in FRP or GFRC in any size or style. Custom structural and non-structural, decorative: textured and stone finishes, any color. Also composites & railing systems.**
- **Manufactures FRP columns up to 3/16-in. thick. Also supplies load-bearing Marbleine columns in diameters up to 12 in.**
- **Wide selection of handcrafted architectural ornament for interior and exterior — including classical capitals.**
- **Offers hand-carved Italian sandstone columns, pedestals, obelisks, and capitals. Can be crafted in any style, shape, or size. Special finishes available.**
- **Manufactures and stocks a large inventory of authentic historic architectural elements: Columns & capitals, ornamental moldings, burlants, garden ornament, fireplace surrounds, etc.**
- **Custom architectural wood columns and capitals in wood, composites, and fiberglass. Stock turnings in wood with polyurethane caps and bases.**
- **Wood columns in the standard classic orders. Also supplies plasters and square columns, and components. Also complete system columns, polyurethane caps, bases, and capitals.**
- **Specializes in restoration and replication of cast architectural details, including custom-designed and manufactured load-bearing columns and capitals.**
- **Wood columns in any species; interior or exterior; load-bearing or non-load bearing; fluted, reeded, or molded styles. Also posts and other turnings, custom or production.**
- **Custom manufacturing of columns & capitals; specializes in architectural details and replication in Glass Fiber Reinforced Concrete.**
- **Custom wood columns in all classical styles; load-bearing for interior or exterior use. Can furnish fluting, reeding, rope twists, and custom carving. Fractional columns.**
- **Architectural cast products, including columns, cornices, domes, caves, etc., in a wide range of materials.**
- **Columns: plain or fluted, square or round, tapered or square, or octagonal. With Greek, Roman, Colonial, or other classical capitals. Extensive line of other molded ornament.**
- **Standard and custom wood columns in all the classical styles. Columns are load-bearing and can be supplied in full, 1/4, 1/2, or 3/12 cross sections.**
- **Both standard and custom columns can be furnished with matching plinths. Romanesque, decorative moldings, pools, rock fountains, custom shapes.**
- **Classical columns in standard designs — or can custom-build columns to specification. Can prepare detailed working drawings for client approval.**
- **Columns, capitals, bases, column covers, cornices, balustrade systems, domes, decorative moldings, pools, rock fountains, custom shapes.**
- **Classical columns in standard designs — or can custom-build columns to specification. Can prepare detailed working drawings for client approval.**
- **Modern, historic, and custom shapes. Cornices, balustrade systems, domes, exterior; load-bearing or non-load bearing: Both standard and custom columns can be furnished with matching plinths.**

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>Literature</th>
<th>Columns</th>
<th>Max. Size</th>
<th>Materials</th>
<th>Solid</th>
<th>Surface Work, Finish</th>
<th>Installation Services</th>
<th>% Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fagan Design &amp; Fabrication</td>
<td>Free Write in No. 621</td>
<td>48 in. dia. 26 ft. high</td>
<td>Wood, cast stone, metal, precast concrete, FRP, cast &amp; fabricated metal</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Gehlert Ornamental Plastering</td>
<td>Free Write in No. 289</td>
<td>24 in. dia. 26 ft. high</td>
<td>Plaster, FRP, modified gypsum</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Fiberglass Masters Technologies, Inc.</td>
<td>Free Write in No. 471</td>
<td>As specified</td>
<td>FRP, GFRC, FRG, modified gypsum</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>Fibertec Corporation</td>
<td>Free As specified</td>
<td>FRP, marble composite</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fischer &amp; Jirouch Co.</td>
<td>Free Write in No. 196</td>
<td>44 in. dia. 40 ft. high</td>
<td>Wood, plaster, composites</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>Garden Ornaments Stone, Inc.</td>
<td>Free Write in No. 442</td>
<td>As specified</td>
<td>Vicenza stone</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>70%</td>
<td></td>
</tr>
<tr>
<td>Hartmann-Sanders Company</td>
<td>Free Write in No. 753</td>
<td>As specified</td>
<td>Plaster, FRP, cast stone, GFRC</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>75%</td>
<td></td>
</tr>
<tr>
<td>Render &amp; Black &amp; Green</td>
<td>Free Write in No. 38</td>
<td>30 in. dia. 30 ft. high</td>
<td>Wood</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Historical Arts &amp; Casting, Inc.</td>
<td>Free Write in No. 121</td>
<td>18 in. dia. 25 ft. high</td>
<td>Cast iron, cast aluminum</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>Josephs Art Woodturning &amp; Son, Inc.</td>
<td>Free Write in No. 31</td>
<td>30 in. dia. 40 ft. high</td>
<td>Wood</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>David Kucera, Inc.</td>
<td>Free Write in No. 459</td>
<td>As specified</td>
<td>FRP, GFRC, plaster, cast stone</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Mohamed Wood Turning Co.</td>
<td>Free Write in No. 5</td>
<td>32 in. dia. 30 ft. high</td>
<td>Wood</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>Moonlight Mills, Inc.</td>
<td>Free</td>
<td>72 in. dia. 20 ft. high</td>
<td>Cast stone, plaster, modified gypsum, precast concrete, FRP, FRG, GFRC</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>80%</td>
<td></td>
</tr>
<tr>
<td>Owatwater Plastics, Inc.</td>
<td>Free Write in No. 493</td>
<td>24 in. dia. 24 ft. high</td>
<td>Wood, plaster, stone, composites, aluminum</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Pagliacco Turning &amp; Millwork</td>
<td>Free Write in No. 707</td>
<td>24 in. dia. 20 ft. high</td>
<td>Wood</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>80%</td>
<td></td>
</tr>
<tr>
<td>A. F. Schweid Mfg. Co.</td>
<td>Free Write in No. 161</td>
<td>50 in. dia. 38 ft. high</td>
<td>Wood columns with wood columns with wood columns with wood columns with wood columns</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>Seal Reinforced Fiberglass</td>
<td>Free Write in No. 482</td>
<td>24 in. dia. 18 ft. high</td>
<td>FRP</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Somerset Door &amp; Column Co.</td>
<td>Free Write in No. 66</td>
<td>40 in. dia. 40 ft. high</td>
<td>Wood, FRP, cast stone, aluminum</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Superior Aluminum Products, Inc.</td>
<td>Free Write in No. 70</td>
<td>30 in. dia. 40 ft. high</td>
<td>Aluminum</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>15%</td>
<td></td>
</tr>
</tbody>
</table>
MEET THE INCREDIBLE NEW COLUMN ONLY HB&G COULD HAVE CREATED!

INTRODUCING PERMACAST COLUMNS

- Lifetime warranty
- Maintenance-free
- Weatherproof
- Insect-proof
- Easy to install
- Loadbearing
- Architecturally correct
- Authentically detailed

CALL TOLL-FREE 1-800-264-4HBG

THE COLUMN CONNECTION

Henderson, Black & Greene, Inc.
PO. Box 589, Troy, AL 36081
(205) 566-5000 • FAX (205) 566-4629

COPYRIGHT 1993 HB&G, INC.

EDON fiberglass

COLUMNS CAPITALS CORNICES

HISTORICAL ARCHITECTURAL ORNAMENTATION CONTEMPORARY

COLUMNS • PEDIMENTS

SPECIALTY COLUMNS

EDON FIBERGLASS

800-523-2539
FAX: 215-672-9814
1160 EASTON RD.
HORSHAM, PA 19044
215-672-8050

COPYRIGHT 1993 HB&G, INC.

HISTORICAL
ARCHITECTURAL
ORNAMENTATION
CONTEMPORARY

COLUMNS • PEDIMENTS

SPECIALTY COLUMNS

JOSEF'S ART WOODTURNING & SON INC.
MANUFACTURERS OF CUSTOM WOODTURNINGS

- STAIR BALUSTERS & POSTS
- COLUMNS & ORNAMENTAL CAPITALS
- CORNER BLOCKS
- WOOD BALLS
- DISPLAY TABLE LEGS
- ROPE/TWISTING/REEDING
- RING MOLDINGS
- STOCK RAILS & FITTINGS

10,000 sq.ft. Production Facility
Over Ten Years Serving The Trade

Phone or Fax for a Brochure
(516) 489-3080
Fax (516) 489-3148

71 Sewell Street, Hempstead, New York 11550

COPYRIGHT 1993 HB&G, INC.

FIBERGLASS COLUMNS

COLUMNS • PEDIMENTS

SPECIALTY COLUMNS

EDON FIBERGLASS

800-523-2539
FAX: 215-672-9814
1160 EASTON RD.
HORSHAM, PA 19044
215-672-8050

COPYRIGHT 1993 HB&G, INC.

FIBERGLASS COLUMNS

COLUMNS • PEDIMENTS

SPECIALTY COLUMNS

JOSEF'S ART WOODTURNING & SON INC.
MANUFACTURERS OF CUSTOM WOODTURNINGS

- STAIR BALUSTERS & POSTS
- COLUMNS & ORNAMENTAL CAPITALS
- CORNER BLOCKS
- WOOD BALLS
- DISPLAY TABLE LEGS
- ROPE/TWISTING/REEDING
- RING MOLDINGS
- STOCK RAILS & FITTINGS

10,000 sq.ft. Production Facility
Over Ten Years Serving The Trade

Phone or Fax for a Brochure
(516) 489-3080
Fax (516) 489-3148

71 Sewell Street, Hempstead, New York 11550

COPYRIGHT 1993 HB&G, INC.

Old World Elegance...
New World Charm

Sculpted Ornamental Plaster and Composition Architectural Elements For Commercial or Residential Projects.

Over 90 years of finely detailed craftsmanship reproduced in a wide range of materials, elements-unique in their detail and intricate patterns. Our architectural elements create a style and quality that's unmatched. Yet we are competitively priced.

We specialize in custom applications for hotels, restaurants, casinos, restoration projects and luxury homes. We invite your inquiry, for more information call:

C.G. Girolami
(815) 694-5700 • Fax (815) 694-3770
Clifton, Illinois 60927

COPYRIGHT 1993 HB&G, INC.

Old World Elegance...
New World Charm

Sculpted Ornamental Plaster and Composition Architectural Elements For Commercial or Residential Projects.

Over 90 years of finely detailed craftsmanship reproduced in a wide range of materials, elements-unique in their detail and intricate patterns. Our architectural elements create a style and quality that's unmatched. Yet we are competitively priced.

We specialize in custom applications for hotels, restaurants, casinos, restoration projects and luxury homes. We invite your inquiry, for more information call:

C.G. Girolami
(815) 694-5700 • Fax (815) 694-3770
Clifton, Illinois 60927

Josef's Art Woodturning & Son Inc.
Manufacturers of Custom Woodturnings

- STAIR BALUSTERS & POSTS
- COLUMNS & ORNAMENTAL CAPITALS
- CORNER BLOCKS
- WOOD BALLS
- DISPLAY TABLE LEGS
- ROPE/TWISTING/REEDING
- RING MOLDINGS
- STOCK RAILS & FITTINGS

10,000 sq.ft. Production Facility
Over Ten Years Serving The Trade

Phone or Fax for a Brochure
(516) 489-3080
Fax (516) 489-3148

71 Sewell Street, Hempstead, New York 11550

Josef's Art Woodturning & Son Inc.
Manufacturers of Custom Woodturnings

- STAIR BALUSTERS & POSTS
- COLUMNS & ORNAMENTAL CAPITALS
- CORNER BLOCKS
- WOOD BALLS
- DISPLAY TABLE LEGS
- ROPE/TWISTING/REEDING
- RING MOLDINGS
- STOCK RAILS & FITTINGS

10,000 sq.ft. Production Facility
Over Ten Years Serving The Trade

Phone or Fax for a Brochure
(516) 489-3080
Fax (516) 489-3148

71 Sewell Street, Hempstead, New York 11550

COPYRIGHT 1993 HB&G, INC.

Old World Elegance...
New World Charm

Sculpted Ornamental Plaster and Composition Architectural Elements For Commercial or Residential Projects.

Over 90 years of finely detailed craftsmanship reproduced in a wide range of materials, elements-unique in their detail and intricate patterns. Our architectural elements create a style and quality that's unmatched. Yet we are competitively priced.

We specialize in custom applications for hotels, restaurants, casinos, restoration projects and luxury homes. We invite your inquiry, for more information call:

C.G. Girolami
(815) 694-5700 • Fax (815) 694-3770
Clifton, Illinois 60927

COPYRIGHT 1993 HB&G, INC.

Old World Elegance...
New World Charm

Sculpted Ornamental Plaster and Composition Architectural Elements For Commercial or Residential Projects.

Over 90 years of finely detailed craftsmanship reproduced in a wide range of materials, elements-unique in their detail and intricate patterns. Our architectural elements create a style and quality that's unmatched. Yet we are competitively priced.

We specialize in custom applications for hotels, restaurants, casinos, restoration projects and luxury homes. We invite your inquiry, for more information call:

C.G. Girolami
(815) 694-5700 • Fax (815) 694-3770
Clifton, Illinois 60927

Josef's Art Woodturning & Son Inc.
Manufacturers of Custom Woodturnings

- STAIR BALUSTERS & POSTS
- COLUMNS & ORNAMENTAL CAPITALS
- CORNER BLOCKS
- WOOD BALLS
- DISPLAY TABLE LEGS
- ROPE/TWISTING/REEDING
- RING MOLDINGS
- STOCK RAILS & FITTINGS

10,000 sq.ft. Production Facility
Over Ten Years Serving The Trade

Phone or Fax for a Brochure
(516) 489-3080
Fax (516) 489-3148

71 Sewell Street, Hempstead, New York 11550

COPYRIGHT 1993 HB&G, INC.
COLUMNS & CAPITALS PORTFOLIO
For more information on these companies, consult the SourceList on pages 32-36.
MOHAMAD
WOOD TURNING CORP.

Spirals 18" Dia - 9' Long
Columns 36" Dia - 24' Long
Curved Back Chair Legs
Flutes, Reeds
- Hollow Spirals
Balusters, Posts
Circular Moldings
Twisted Diamond Cuts
Custom Hand Rails and Stair
All Types of
Custom Spiral and Turning.
From 1-1,000 Pieces.

28 Meadow St.
Brooklyn, NY 11206
(718) 417-0025
FAX (718) 417-0021

ARCHITECTURAL MILLWORK
EAST

WRITE IN NO. 763

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

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

VICTORIAN TURNNINGS & 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).

2527 Broad St., Memphis, TN 38112

ARCHICAST

WRITE IN NO. 14

WORTHINGTON
PREMIER ARCHITECTURAL PRODUCTS

1-800-872-1608

WRITE IN NO. 163
COLUMNS & CAPITALS PORTFOLIO

For more information on these companies, consult the SourceList on pages 32-36.

HARTMANN-SANDERS supplied these large Ionic columns for the portico of a neo-classical commercial building. Write in No. 912

The library at the Univ. of Maryland, College Park, Md., features a massive portico in the Corinthian order supplied by SCHWERD MFG. Write in No. 161

Massive wood columns in the Tuscan order were fabricated for this covered patio by PAGLIACCO TURNING & MILLING. Write in No. 707

Pergola with smooth Tuscan columns was fabricated for this commercial display by J.A. DAWLEY FINE WOODWORKING. Write in No. 420

Columns for this impressive Doric entry were engineered and fabricated in FRP by EDON CORP. Write in No. 189

Finely detailed moldings for this entrance in the Ionic order were sculpted in the studios ARCHICAST. Write in No. 14

TURNCRAFT supplied the two-story fluted columns with the deeply sculpted Corinthian capitals for this residential porch. Write in No. 15

The porch of this Georgian residence was fitted with Ionic columns from HENDERSON, BLACK & GREENE. Write in No. 38

Temple of the Winds capital is one of a series of authentic classical capitals and columns available from WORTHINGTON GROUP. Write in No. 163

Corinthian columns and capitals were cast in the Forton polymer-modified styren system by ARCHITECTURAL PRODUCTS MFG. Write in No. 897
TRADITIONAL BUILDING

FIBERGLASS
MASTERS
TECHNOLOGIES
Manufacturers of Fiberglass Reinforced Plastics
1009 Turner Street, Lebanon, PA 17042

CUSTOM FIBERGLASS ARCHITECTURAL MANUFACTURERS.
All cornices, columns, ornamental railing systems, finishes...
STONE OR LIMESTONE FINISH.
IN-HOUSE PATTERN AND TOOLING FACILITY.

WRITE IN NO. 471

TRADITIONAL GRAND SOMERSET

THE RIGHT SPOT FOR IN-STOCK...

WHY ALUMINUM
COLUMNS AND
RAILINGS ARE A SMART INVESTMENT.

COLUMNS — The most extensive inventory
Over 150 sizes, styles, shapes and materials for both Interior & Exterior.
Structural & Decorative applications.
The Leader in Innovative Plastic Products

OUTWATER PLASTICS INDUSTRIES
4 Passaic Street, Wood Ridge, N.J. 07075

For FREE Catalog, Details, Assistance & Prices CALL...
TOLL FREE: 1-800-631-8375/FAX: 1-800-888-3315

WRITE IN NO. 493

A designer's vision became a reality because of DEC's engineering and experience in a composite FRP manufacturing.

At DEC Associates, our staff of over one-hundred fifty skilled craftsmen has built a performance record of unequalled quality. We put extra care in every phase of activity throughout the entire fabrication process from initial consultation to manufacturing, to inspection and to shipment. Our client list includes some of the nation's leading architects, designers and contractors, therefore we must adhere to consistently high standards on every job.

WRITE IN NO. 992

CAST ARCHITECTURAL ELEMENTS
Custom applications for Hotels, Casinos, Restaurants, and Luxury Homes

Glass-Reinforced Gypsum (GRG)
CASTRON MGR

Glass-Reinforced Concrete (GRC)

- Column Covers
- Fireplace Surrounds
- Ceiling Panels
- Balustrades
- Mouldings
- Domes
- Light Covers
- Medallions, etc.

Architectural Products Mfg., Inc.
2721 Greenbelt Ave., St. Hollywood, PA 19405
Tel: (215) 925-2211 FAX: (215) 925-2222

WRITE IN NO. 997

MAKE A GRAND ENTRANCE

For residential and commercial buildings, we manufacture a wide range of columns from 6 in. dia. in various lengths, to 40 in. dia. and 40 ft. high!
We build with the finest North American woods and timetested joinery.
Also state-of-the-art hardwood doors, paneling, mantels, moldings, and custom work.
Call us for more information & pricing.

Somerset Door & Column Co.
Box 328, Somerset, PA 15501
In PA (800) 242-7915
Outside PA (800) 242-7916
Fax (814) 443-1658

WRITE IN NO. 66

It's Really BIG!
RESTORATION '93 EXHIBITION & CONFERENCE
The largest preservation and restoration event in North America.

December 6-8, 1993
Hynes Convention Center
Boston, Massachusetts
See page 71 for details

WRITE IN NO. 70

TRADITIONAL BUILDING
JULY/AUGUST 1993 3
Division 7 - MOISTURE PROTECTION

SNOW GUARDS
CAST IN BRONZE

The Most
Cost-Effective
Solution to
Expensive Problems
Caused by Winter Snow and Ice Slides

New Products: Guards for copper & TCS metal panel roofs. Also, new tile-type snowguards.

- Functional and Decorative
- Extremely Durable with bronze and copper construction
- For All Slate Roofing
- Never Any Maintenance

Snow Guards Easily Retrofit To All Existing Roofing

Write or Call for Free Brochure:
M. J. MULANE CO.
(508) 568-0597 Fax: (508) 568-9227

WRITE IN NO. 56

The Roof That Never Wears Out*
RISING & NELSON
SLATE CO.,INC.

- Quarries and producers of natural colored Vermont slate
- Precise control of color & quality
- Almost any quantity or color
- Specialists in Roofing Slate

Box 98 Rl. 153
West Pawlet, Vermont 05775
(800) 348-8820

WRITE IN NO. 286

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

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

WRITE IN NO. 146

Traditional & Contemporary
Wooden Windows & Doors

WOODYSTONE

DEPT T B, BOX 213, WESTMINSTER, VERMONT 05155
(802)722-9217 FAX (802)722-9528

FOR BROCHURE: PLEASE SEND $3.00 FOR SHIPPING AND HANDLING

LUDOWICI ROOF TILES
For Sale by Owner of 1992 Renovation

Ludowici Celadon Interlocking 1 1/8" Closed Shingle Tiles
11" long x 8 3/4" wide
Light Brown Tile Body with Matte Green Glaze Spots
Manufactured ca. 1917
Approx. 35-40 Squares Field Tile & Trim Tile Available
Exact Inventory Available Upon Request

Contact: Tim Jeckering Architects
4303 Hamilton Avenue, Cincinnati, OH 45223
(513) 542-2500

WRITE IN NO. 74

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. MCKINNON AVENUE, CINCINNATI, OHIO 45214
(800) 446-5411 (TOLL-FREE)
(513) 556-1883 (FAX)

"Where custom work is standard"

WRITE IN NO. 69
Speaking of Victorian Revival...

"The raging productivity of the Victorians shattered nerves and punctured stomachs, but it was a thing noble, glorious, awesome in itself." — Elizabeth Hardwick

BY SHARON GARBE

In doing research for this Special Report on Victorian Revival products, we were struck by the astonishing changes that the word "Victorian" has undergone.

Recently recovered from the remainder bin of changing times, all things Victorian seem to have reached their apotheosis in the consumer marketplace. Over the past 20 years or so, the word "Victorian" has been transvalued from a derogatory term describing the excrecence of an age considered tasteless, into a descriptor for an exciting historical period. It has also become a successful strategy for marketing all manner of goods, from houses to lingerie.

This new respect has proved a boon for preservation groups and the historical products industry. But in the rush to embrace Victorian — and cash in on it — the term is at times applied indiscriminately or erroneously. Some in the industry complain that this misuse is debaseing and confusing to the buyer.

Florence Schroeder of Victorian Collectibles, a company which reproduces period wallpapers and fabrics with painstaking accuracy, believes that, along with the miscreants who think "Victorian" is merely a matter of adding ruffles and doilies, are people who are becoming more knowledgeable about period decorating, and are seeking the help of experts — especially in "sym pathetic restorations," where property owners who can't afford a true historic restoration opt instead for off-the-shelf reproductions that are historically authentic.

Schroeder notes a growing inclination for people to paper their ceilings. (Though she did cite a number of bloopers, such as a Victorian's Secret store which placed sidewall paper on the ceiling.) The future of the ceiling-paper trend, she believes, is up to architects and builders: If they design 3-ft. ceilings, people have the option of papering them, which they don't with an 8-ft. ceiling.

To Brian Leo of Leo Custom Hardware, "The word Victorian is becoming cumbersome." He sees the definition being blurred by sellers who confuse the public about quality, design, and historicity, and who make money from alleged Victorian bric-a-brac — like Victorian toast warmers. He believes substituting "look" for "style" would alleviate some of the confusion, but that it is really a "professional duty to inculcate in customers sensitivity to the subtleties of the Victorian period." Leo notes that within the Victorian time span there were many styles, such as Gothic, Italianate, Eastlake, and Queen Anne, but the styles are not interchangeable simply because they are "Victorian." Roy Greenstein of Roy Electric Co. has also come up against stylistic lacunae among clients, and finds it can be a touchy situation to correct them. He finds he's supplying a range of customers that starts with a homeowner who "just wants a Victorian fixture," to clients with high-level historic preservation jobs, which requires a keen understanding of developments from the 18th to another in Victorian lighting. Roy notes that high-quality lighting reproductions can be better than the originals because they combine new technologies with old styling. His fondest hope: That clients — including architects, designers and decorators — should familiarize themselves with the period before shopping. To quote the Victorian designer Christopher Dresser, "Knowledge is Power."

About the SourceList

The Editors surveyed 462 companies for this Victorian Revival Products SourceList, and were pleased by the overwhelming response. On the following pages you will find 135 companies we selected for the diversity of styles and products they offer. Initially, we considered subdividing the SourceList into product categories. But we discovered that many companies have multi-product capabilities, so it seemed we would be needlessly penalizing the reader by artificially pigeonholing the suppliers.

Instant Access to Product Literature for Victorian Products

If your office qualified to receive the 1993 TRADITIONAL BUILDING CATALOG, you'll find prefilled product literature there for Victorian Products. Most of the companies represented in the CATALOG's 760 pages have product lines with Victorian styling.

The Brilliance Collection
Reproductions of Antique Wallpaper
1850 - 1910

Victorian Collectible Ltd. offer authentic reproductions of many wonderful Victorian designs, produced in their original silkscreen, pile or metallic techniques. We've also added 16 new patterns, and are introducing our Historic Interior line, featuring wallpaper designs by Christopher Dresser.

Send $3.00 For Our Brochure
Call For An Appointment
To Visit Our Showroom

Country Charm, Classic Elegance
Custom Interior
Hardwood Shutters
Victorian Recessed Panels
HISTORIC WINDOWS
P.O. BOX 1172
HARRISBURG, VA 22801
703-434-5555

More Plumbing Products for the Renovation Industry Than from Any Other Supplier.

We're nationally known for our wide selection of:
- Brass and Porcelain Fixtures
- Period-Style Stylies
- New Footed Tubs
- Specialty Toilets
- Large Inventory of Parts

World Class Service & Value

Call Toll Free for FREE CATALOG

Flaine Window Hardware Inc.

17319 Blaine Dr.
Hagerstown, MD 21740
FAX 301-797-2510

Any Part for Any Window

- The Nation's Leader in Current & Obsolete Hardware
- Over 40,000 Parts for Windows, Doors & More!
- Antique Reproductions & Specialties!
- Foundry Castings in Red & Nickel Bronze!
- Free Comprehensive Parts Catalog!

Toll Free: 1-800-678-1919

FLAINE WINDOW HARDWARE INC.

July/August 1993 41

Division 9: Finishes

Special Report
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>Metal Ornament</th>
<th>Gingko/Leaf Ornament</th>
<th>Wood &amp; Carved Wood</th>
<th>Marble</th>
<th>Ceramic Tile</th>
<th>Molded Ornament</th>
<th>Wall Greetings</th>
<th>Art Glass</th>
<th>Paneling/Finishing</th>
<th>Architectural Antiques</th>
<th>Miscellaneous</th>
<th>Other</th>
<th>New ($) or Quantity (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Carolina Craftsman 975 S. Arvada St., Dept. TB Anahiem, CA 92805 (714) 776-7877</td>
<td>Replacement brass hardware for furniture and houses. Strong emphasis on turn-of-the-century designs. Company sells only from their catalog and has 2,000 items stocked for same-day shipping.</td>
<td>Free brochure: Write in No. 424; catalog $5 (refundable with purchase)</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>AA-Abbingdon 2149-51 Utica Ave., Dept. TB Brooklyn, NY 11234 (718) 258-8335</td>
<td>Company carries 25 ceiling patterns and 12 comic styles, available in brass- and copper-plated, mirror or painted finishes.</td>
<td>Free</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>A-Ball Plumbing Supply 1703 W. Burnside St., Dept. TB Portland, OR 97209 (503) 228-0026</td>
<td>Mail-order source for everything from porcelain refacing kits to showers, corner sinks, pedestal sinks, kitchen faucets, high- and low-bath toilets, clawfoot tubs, and shower curtains.</td>
<td>Free</td>
<td>Write in No. 242</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>A &amp; M Victorian Decorations 2411 Chico Ave., Dept. TB S. El Monte, CA 91733 (818) 575-0695</td>
<td>Manufacturers of gyspum and precast concrete molded elements such as columns, balustrades, planters, and fountains. Services: Custom work, design, woodworking, mold making, and production.</td>
<td>Free</td>
<td>Write in No. 747</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>A.N.T. Art Glass P.O. Box 753, Dept. TB Trumansburg, NY 14886 (607) 387-5473</td>
<td>Small studio specializing in beveled glass designs. Custom design and restoration by 3rd generation craftsmen: Consultation and installation services.</td>
<td>Free</td>
<td>Write in No. 850</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Alloy Casting 3500 Peachtree Rd., Dept. TB Mesquite, TX 75180 (800) 527-1318</td>
<td>Victorian aluminum castings for picture frames, light fixtures, railings, mantels, etc. Many other stock decorative pieces in catalog; custom capabilities from design through finishing.</td>
<td>Free</td>
<td>Write in No. 468</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Amish Country Gazebos 2900 E. Miraloma, Ste. B, Dept. TB Anahiem, CA 92806 (714) 630-3944</td>
<td>Gazebo specialists who feature easy-to-assemble octagonal kits: 8x20 ft. widths; outdoor roofing; Victorian or western designs.</td>
<td>Free</td>
<td>Write in No. 168</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>Gazebos A</td>
<td></td>
</tr>
<tr>
<td>Antique DoorKnob P.O. Box 483, Dept. TB Cape May, NJ 08204 (609) 881-6282</td>
<td>Architectural antique hardware, lighting, and mantels from early 1800s to early 1900s. Entire door hardware sets, doorbells, hinges, knockers, doorknobs, and window products are available. Restores hardware and lighting.</td>
<td>Free</td>
<td>Write in No. 426</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>Mantels A</td>
<td></td>
</tr>
<tr>
<td>Antique Hardware Store 9750 Easton Rd., Rl. 611, Dept. TB Kintnersville, PA 18930 (215) 847-2447</td>
<td>Wide variety of Victorian home restoration products. Many of the light fixtures are available only through this company.</td>
<td>Free</td>
<td>Write in No. 425</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Architectural Ceramics 191 W. Olenstangy St., Dept. TB P.O. Box 827 Powell, OH 43206 (614) 889-6570</td>
<td>Hand-made ceramic tiles and other architectural elements. Original and historic reproduction in many styles. Will custom design and manufacture. Also fabricates wash basins, wall sconces, and window products.</td>
<td>Free</td>
<td>Write in No. 419</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Art Directions 6120 Delmar Blvd., Dept. TB St. Louis, MO 63112 (314) 863-1895</td>
<td>Interior lighting fixtures in Victorian and turn-of-the-century styles.</td>
<td>Free</td>
<td>Write in No. 436</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Art Glass of the South 2401 Gov't. St., Dept. TB Mobile, AL 36606 (205) 479-2392</td>
<td>Custom glass studio: design, fabrication, hand-beveling, and restoration done on premises. Products include windows, decorative glass screens and tabletops. All work guaranteed.</td>
<td>Free</td>
<td>Write in No. 251</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Assn. of Restoration Specialists 122 Clinton St., Dept. TB Hoboken, NJ 07030 (201) 795-1103</td>
<td>Restoration of stained/decorative glass, historic wood windows, and masonry. Offers existing condition surveys, material specifications, restoration program development, project management, and execution of work.</td>
<td>Free</td>
<td>Write in No. 402</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>Restoration of glass, wood windows, and masonry N/A</td>
<td></td>
</tr>
<tr>
<td>Ball and Ball Company 463 W. Lincoln Hwy., Dept. TB Elxton, PA 19541 (215) 363-7330</td>
<td>The largest supplier of historically accurate builder's hardware from the 18th and 19th centuries. Hand forged, cast, and brass items. Extensive capabilities for custom reproductions and repair of antique hardware.</td>
<td>Free</td>
<td>Write in No. 293</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Barker Metalcraft 1701 W. Belmonte, Dept. TB Chicago, IL 60657 (312) 248-1115, (800) 397-0129</td>
<td>Manufacturers of a wide variety of custom decorative grills and sheetmetal covers. Six grill patterns, in nickel- or brass-plated finishes, and 7 enamel colors. Suitable for radiator covers, window guards, vents, and grilles.</td>
<td>Free</td>
<td>Write in No. 767</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>Shutters A</td>
<td></td>
</tr>
<tr>
<td>Beech River Mill Co. Old Rt. 16, Dept. TB Center Ossipee, NH 03814 (603) 533-3836</td>
<td>Custom shutters and hardware. Company specializes in duplication and authentic reproduction work.</td>
<td>Free</td>
<td>Write in No. 411</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Christine Belfor Design Ltd. 177 E. 87th St., Studio 402, Dept. TB New York, NY 10128 (212) 722-5410</td>
<td>Hand-painted ceramic sinks in three styles: Cameo, Garland, and Ornamental Band, with coordinating bath tile. Custom designs welcome.</td>
<td>Free</td>
<td>Write in No. 351</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>
THE FINEST PERIOD INTERIOR ARCHITECTURAL ORNAMENTATION
CONSULTATION • DESIGN • MATERIALS • INSTALLATION • FINISHING

Ornamental Compositions
515 WEST END AVENUE
NEW YORK, NY 10024
PHONE/FAX (212) 799-6337

J.P. Weaver Co.
2301 WEST VICTORY BLVD.
BURBANK, CA 91506
PHONE (818) 841-5700
FAX (818) 841-8462

TRADITIONAL BUILDING

DIVISION 9 - FINISHES
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blaine Window Hardware</td>
<td>Manufacturer and distributor of over 40,000 types of current and obsolete window hardware; Casement, sash, and awning operators, hinges, window balance systems, and more. Custom antique reproduction available.</td>
<td>Free Write in No. 73</td>
<td>N</td>
</tr>
<tr>
<td>BOPAS</td>
<td>Interior decorative finishes: Marbling, murals, faux finishes, and many other types of decorative painting.</td>
<td>Free Write in No. 257</td>
<td>Decorative painting and finishes N</td>
</tr>
<tr>
<td>Rose Associates, Inc.</td>
<td>Specializes in individually sand-cast aluminum letter boxes and poles. Exclusive period designs as well as custom &quot;neighborhood&quot; and logo designs available.</td>
<td>Free Write in No. 488</td>
<td>N</td>
</tr>
<tr>
<td>Bouvet USA, Inc.</td>
<td>Decorative hardware company established in 1884 offers a wide selection of handsome doorknobs, levers, bolts, knockers, and cabinet hardware. Products are made in France, and adapted to U.S. standards.</td>
<td>Free Write in No. 162</td>
<td>N</td>
</tr>
<tr>
<td>Bradbury &amp; Bradbury Art Wallpapers P.O. Box 155, Dept. TB</td>
<td>Coordinated hand-printed wallpapers, borders, and ceiling ornaments in historic styles: Victorian Collection and Edwardian Arts &amp; Crafts Collection. In-house design service available. Authentic cornices and adaptations.</td>
<td>Free Write in No. 13; catalog 510; samples £50–$150</td>
<td>N</td>
</tr>
<tr>
<td>Bras Reproductions</td>
<td>Manufacturers of solid brass lighting, specializing in turn-of-the-century and Victorian styles, for both residential and commercial applications.</td>
<td>Free Write in No. 622</td>
<td>N</td>
</tr>
<tr>
<td>Brown's Stained Glass Studio</td>
<td>Custom stained glass studio offers design, construction, and restoration services for commercial, religious, and residential projects.</td>
<td>Free Write in No. 605</td>
<td>N</td>
</tr>
<tr>
<td>J.R. Burrows &amp; Co.</td>
<td>Company offers William Morris, Aministrator and Wilton carpet designs. Also, reproduction English Victorian wallpapers, tiles, ceiling papers, and printed fabric designs by Candace Wheelbar: design consultation services.</td>
<td>Free Write in No. 693</td>
<td>Carpets, fabrics N</td>
</tr>
<tr>
<td>Burton Woodworks</td>
<td>Company produces traditional and Victorian-styled turnings, decking materials, and accessories, and wood or PVC lattice.</td>
<td>Free Write in No. 200</td>
<td>Turnings, lattice N</td>
</tr>
<tr>
<td>Charles Rupert Designs</td>
<td>A small company specializing in reissued designs of historic fabrics and wallpaper. The designs include Victorian and Arts &amp; Crafts; wallpaper designs are from 1770's to the 1930's. Sample packs $5 ea. — specify WP or WP.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chelsea Decorative Metal Co.</td>
<td>Pressed tin-plated steel for ceilings and walls. The decorative sheets come in 2 x 4 ft. sections, cornices are available in 4 ft. lengths. Styles range from Victorian &amp; Art Deco. Company will ship anywhere.</td>
<td>Free Write in No. 19</td>
<td>N</td>
</tr>
<tr>
<td>Circlet Inc.</td>
<td>Company makes reproduction door and window hardware using patterns designed from 1870-1880. Pieces are cast in bronze, brass, and aluminum using the lost-wax method.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Classic Accents, Inc.</td>
<td>Specializes in push-button light switches with plain or ornamental brass, and wooden plates. Also, brass molding hooks, decorative tassels, and carbon filament Victorian bulbs.</td>
<td>Free Write in No. 75</td>
<td>Push button switches and plates, molding hooks, light bulbs N</td>
</tr>
<tr>
<td>Classic Architectural Specialties</td>
<td>Wide selection of period products for interior and exterior renovation and application. Items range from freestock to Victorian street lamps.</td>
<td>Free Write in No. 904</td>
<td>Benches, fans, mail boxes N</td>
</tr>
<tr>
<td>Classic Illumination, Inc.</td>
<td>Complete line of Victorian chandeliers, wall sconces, and torchieres. Fixtures are authentically handcrafted of solid brass and finished with blown-glass shades. Custom work available; some antique fixtures and glass.</td>
<td>Write in No. 597</td>
<td>NA</td>
</tr>
<tr>
<td>Classic Lamp Posts</td>
<td>Victorian and Colonial street lights, sconces, lanterns, and lighted bollards.</td>
<td>Free Write in No. 429</td>
<td>N</td>
</tr>
<tr>
<td>Classic Revivals</td>
<td>Company offers accurate reproductions of Victorian wall coverings — documented wallpaper patterns and stamped wallpapers, carpets, fabrics and lace.</td>
<td>Free Write in No. 610</td>
<td>Carpets, fabrics, lace, wallcoverings N</td>
</tr>
</tbody>
</table>
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.

Sheet Metal Ornaments

Our 94-year-old line of sheet metal ornament contains over 1,300 items available in zinc or copper.
- Comices
- Window Hoods
- Moldings
- Urns
- Capitolas
- Brackets
- Corbels
- Brackets
- Balusters
- Ums
- Capitolas
- Festoons
- Finials
- Scrolls
- Leaves
- Prissas
- Canopies
- Marquees
- Glass pendant frames
- CRESTING
- Grills
- Panel Ornaments
- Lion Heads
- Conductor heads & fittings
- Weatherhones

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, finals, 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

BACK BY POPULAR DEMAND!
Classic Pedestal Sinks $225*

While supplies last, these fine quality vitreous china pedestal sinks represent an outstanding value for restoration or new construction projects.

Please refer to offer TB-793 when placing your order.

HARDWARE+PLUS, Inc.
1-800-522-7336
We accept Mastercard, Visa, & Discover.
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>New (N) or Old (O)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conant Custom Brass, Inc.</td>
<td>Manufacturer of decorative metal products for Victorian homes. Solid brass, outdoor thermometers and dust corners among the products offered. Custom lighting commissions are the company's specialty.</td>
<td>Free Write in No. 62</td>
<td>N</td>
</tr>
<tr>
<td>Coppa Woodworking</td>
<td>Carries 90 styles of wood doors in variety of thicknesses. Species include pine, Douglas fir, mahogany, and oak. All doors and finishes, archited tops, available.</td>
<td>Free Write in No. 960</td>
<td>N</td>
</tr>
<tr>
<td>Crosswinds Gallery</td>
<td>2000 stock weathered glass designs. Custom design specialists; all sizes, types, and finishes, including glazing. Also carries parts, antiques, and large selection of stock and custom cupolas.</td>
<td>Free Write in No. 263</td>
<td>N</td>
</tr>
<tr>
<td>Cumberland Woodcraft Co., Inc.</td>
<td>Complete line of architectural and period millwork fixtures and decorative treatments, including gingerbread, casings, and bars. Custom work available.</td>
<td>Free Write in No. 131</td>
<td>Bars, backs, gablettes N</td>
</tr>
<tr>
<td>Cummings Studios</td>
<td>Large art glass studio with experience in commercial, civic, and religious projects. Services: Project development and management, conservation/restoration, design, fabrication, and installation.</td>
<td>Free Write in No. 316</td>
<td>N</td>
</tr>
<tr>
<td>D.E.A. Bathroom Machineries</td>
<td>Catalog features clawfoot tubs, pedestal sinks, faucets, and other period bathroom accessories. Also offers restoration services for plumbing, lighting, and electrical fixtures.</td>
<td>Free Write in No. 598</td>
<td>Scales N</td>
</tr>
<tr>
<td>Cummings Studios</td>
<td>Complete line of architectural and period millwork fixtures and decorative treatments, including gingerbread, casings, and bars. Custom work available.</td>
<td>Free Write in No. 131</td>
<td>Bars, backs, gablettes N</td>
</tr>
<tr>
<td>D.M.S. Studios</td>
<td>Versatile sculpture studio is skilled in smithing, carving, and molding, with a special emphasis on the reproduction of historically styled items.</td>
<td>Free Write in No. 910</td>
<td>Carved stone sculpture and architectural elements N</td>
</tr>
<tr>
<td>J. A. Dawley</td>
<td>Architectural woodworkers specializing in Victorian era designs for both interior, exterior, and landscape applications. Custom work, including new designs and replication, is available in small and large quantities.</td>
<td>Free Write in No. 420</td>
<td>N</td>
</tr>
<tr>
<td>Decorators Supply Co.</td>
<td>Wide selection of period architectural moulded ornament, from ceiling medallions to columns and capitals in plaster of Paris and composition.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Denninger Cupolas &amp; Weathervanes</td>
<td>This company's banners, fancy arrows, caps, and finials are inspired by the work of Victorian artisans such as Jewett, Westervelt, and Fiske.</td>
<td>Free Write in No. 730</td>
<td>Cupolas, weathervanes N</td>
</tr>
<tr>
<td>Designs In Tile</td>
<td>Custom hand-decorated ceramic tiles and murals. Victorian Revival products: Anglo-Japanese, Neo-Grec, Gothic, Revival, and Victorian Follies tiles, borders, panels, corner blocks, mosaic floors, molded wainscapes, and 3 X 6 in. tiles.</td>
<td>Free Write in No. 25</td>
<td>N</td>
</tr>
<tr>
<td>Raymond Enkebell Designs</td>
<td>Large selection of omirately carved architectural millwork, such as panels, moldings, mantels, newels, corbels, rosettes, and finials.</td>
<td>Free Write in No. 577</td>
<td>N</td>
</tr>
<tr>
<td>Larry Etten</td>
<td>Fabrication of large architectural leaded glass light fixtures, large-paned doors, flat, or arched leaded-stained glass ceilings, all types of art glass windows, and small Tiffany-style lamps.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Eugene's Place</td>
<td>Supplier of antique hardware such as curtail tie-backs, doorknobs &amp; hardware, furniture hardware, and twist bails.</td>
<td>Free Write in No. 431</td>
<td>A</td>
</tr>
<tr>
<td>Ewing Restoration</td>
<td>This shop specializes in restoration, preservation, and installation of many forms of specialized plaster finishes using historically accurate methods and materials.</td>
<td>Free Write in No. 238</td>
<td>N</td>
</tr>
<tr>
<td>Faux Effects</td>
<td>Manufacturer and supplier of decorative and faux finishing products. Designer and architectural finishes from Old World to contemporary. Company also offers professional classes.</td>
<td>Free Write in No. 469</td>
<td>Decorative finishes, products, classes N</td>
</tr>
<tr>
<td>Fe Fi Faux</td>
<td>Specializes in courses and workshops for both novices and professionals on the creation of all the traditional faux finishes: Marbling, wood graining, wall gracing, and falsy finishes.</td>
<td>Free Write in No. 449</td>
<td>Decorative finishes, workshops N</td>
</tr>
</tbody>
</table>
NOTE: All Sunrise faucets are available in powder-coated solid brass, uncoated solid brass and chrome plate. Any handles may be used with any faucet.

No. 413 solid brass tubfill/hand-shower with 60" hose, shown at left.

No. 805 Slipper tub shown above with the No. 423 handsheer/tubfill unit. Tub is available with brass, chrome or white porcelain feet.

No. 704 Nouveau lavatory shown above with the No. 144 Deco faucet.

No. 901 Classic Victorian Pull-chain Toilet shown, with solid oak seat and tank.

SUNRISE SPECIALTY CO.
5540 Doyle Street, Emeryville California 94608
Phone: 510-654-1704
FAX 510-654-5775

WRITE IN NO. 464

Classic Illumination Inc.
(510) 849-1842 FAX (510) 849-2328
2743 Ninth Street, Berkeley, CA 94710
WRITE IN NO. 397

WRITE IN NO. 473

Andreas Lehmann produces custom designed glasswork for interiors and architecture. Born and trained in Germany, he uses a technique called "cutglass" which is commonly known as cut crystal.

Mr. Lehmann also is an expert in reproducing Victorian wheel-cut designs.

The brilliance in cutglass is achieved when light travels through the polished cuts and creates prismatic and optical effects.
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>New (N) or Antique (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Felker Ornamental Plastering Corp.</td>
<td>Architectural plaster studio specializing in historic restoration and fabrication of ornaments in plaster, GPR, GFRC, FRP, and polymer-modified gypsum.</td>
<td>Free Write in No. 289</td>
<td>N</td>
</tr>
<tr>
<td>Fischer &amp; Jirouch Co.</td>
<td>Ornamental plaster elements for wall decoration, ceiling and chandelier enhancement, and specific period looks.</td>
<td>Free Write in No. 196</td>
<td>N</td>
</tr>
<tr>
<td>Fischer Artworks</td>
<td>Custom weathervanes and lightning rods. Designs include Victorian balusters and varies with colored glass inserts. Sealed bearing or teflon bushings are used.</td>
<td>Free Write in No. 172</td>
<td>N</td>
</tr>
<tr>
<td>Florentine Crafstmen</td>
<td>Manufacturers of garden ornaments, statues, fountains, furniture, and accessories in stone, cast iron, lead, aluminum, and bronze.</td>
<td>Free Write in No. 439</td>
<td>N</td>
</tr>
<tr>
<td>Gibson &amp; Gibson Antique Lighting</td>
<td>Company specializes in antique lighting fixtures — floor, ceiling, table, and wall — from 1869-1990. Also repairs and renews fixtures, and reproduces antique fixtures.</td>
<td>Free</td>
<td>A</td>
</tr>
<tr>
<td>Goddard Manufacturing</td>
<td>Makes circular stairs in oak or pine, with turns of 90 to 180 degrees. Base price is $3,500. Also, all types of wrought iron railing and steel spiral stairs. Products are custom sized.</td>
<td>Free Write in No. 478</td>
<td>N</td>
</tr>
<tr>
<td>Golden Age Glassworks</td>
<td>Produces leaded and stained glass windows, lampshades, and architectural pieces in many styles. Restoration experience. Also carries antique glass windows and doors; framing available.</td>
<td>Free Write in No. 28</td>
<td>N, A</td>
</tr>
<tr>
<td>Granite Lake Pottery, Inc.</td>
<td>Hand-thrown stoneware sinks ranging in size from 10 to 20 inches, each individually decorated. Matching tiles and bath accessories are available.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Green Enterprizes</td>
<td>Company specializes in Victorian furniture such as swings, gliders, tables, and bench seats.</td>
<td>Free Write in No. 966</td>
<td>N</td>
</tr>
<tr>
<td>Hardware Plus</td>
<td>Specialists in Vintage hardware, plumbing, architectural detailing, and accessories.</td>
<td>Free brochure Write in No. 65: Binder $15</td>
<td>N</td>
</tr>
<tr>
<td>Harmony Exchange</td>
<td>Company offers a full line of unfinished and pre-finished hardwood flooring, interior solid wood paneling, wood shingles and shakes.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Randolph Herr, Inc., Dept. TB</td>
<td>Player piano! As well as other Victorian-era pianos, restored, bought, and sold.</td>
<td>Free</td>
<td>A</td>
</tr>
<tr>
<td>Hinges &amp; Handles</td>
<td>Wide selection of door hardware in period styles. Handles and levers are available in porcelain, brass, and crystal.</td>
<td>Free Write in No. 948</td>
<td>N</td>
</tr>
<tr>
<td>Historic Floors of Oshkosh</td>
<td>Manufacturer of 5/16 in. parquetry, borders, and medallions in hardwood for the flooring industry. The patterns are exact reproductions of turn-of-the-century designs.</td>
<td>Free Write in No. 914</td>
<td>N</td>
</tr>
<tr>
<td>Historic Shutter &amp; Restoration</td>
<td>Expert restorers and custom builders of traditional window and door shutters. All periods and styles. Solid brass screw eyes; hand-cut pegs. Decorative hardware; product samples available.</td>
<td>Free Write in No. 85</td>
<td>N/A</td>
</tr>
<tr>
<td>Historic Windows</td>
<td>Custom interior hardwood shutters.</td>
<td>Free Write in No. 94</td>
<td>N</td>
</tr>
<tr>
<td>Historical Arts &amp; Casting, Inc.</td>
<td>Cast-metal architectural ornamentation specialists and restoration experts. Designs, manufactures, and installs a wide range of period interior and exterior architectural and landscape products.</td>
<td>Free Write in No. 121</td>
<td>N</td>
</tr>
</tbody>
</table>
Our 66 page color Product Catalog shows 380 carvings, finely crafted in oak and maple covering a broad range of design selections.

Page 79 from our Design Portfolio.

Page 24 from our Design Portfolio.

The 88 page Design Portfolio keyed to the Product Catalog shows traditional and innovative designs.

Raymond Enkeboll Designs
ARCHITECTURAL WOODCARVINGS
16506 Avalon Boulevard, Dept. TDB
Carson, California 90746
Tel. (310) 932-1400 Fax. (310) 932-2042
Product Catalog & Design Portfolio Set, $20.
For free brochure, write in number.

ELEGANCE IN PORCELAIN AND BRASS WITH A TOUCH OF THE PAST

Complete catalog of Victorian & Traditional plumbing products.
Over 80 pages of fine quality designer bathroom fixtures and fittings at your fingertips.
$5 refundable w/purchase. Free Information! Ask us about custom designed faucets and fittings for bathrooms and kitchens.

JT INTERNATIONAL
616, West Sixth, Redland, Me 02770
1-800-959-4808
1-617-335-2445

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 ART WALLPAPERS
P.O. BOX 1594, BENICIA, CA 94510
(707) 746-1900

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

312/847-6300

SOFTWARE AVAILABLE

Established 1893
DECORATORS SUPPLY CORPORATION
3610 S. MORGAN ST., DEPT. TB • CHICAGO, IL 60609
312/847-6300

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 ART WALLPAPERS
P.O. BOX 1594, BENICIA, CA 94510
(707) 746-1900

NOW AVAILABLE

Established 1893
DECORATORS SUPPLY CORPORATION
3610 S. MORGAN ST., DEPT. TB • CHICAGO, IL 60609
312/847-6300

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 ART WALLPAPERS
P.O. BOX 1594, BENICIA, CA 94510
(707) 746-1900

WRITE IN NO. 377

WRITE IN NO. 243

WRITE IN NO. 13
COMPANY
House of Moulding
15202 Oxnard St., Dept. TB
Van Nuys, CA 91411
(818) 781-5380

SPECIALTY
Wide selection of moldings, turnings, and carvings, hardwood plaques, pinstripe blocks, and finials. Also offers complete millwork package.

Literature
Free
Write in No. 290

New (N) or Antique (A)
N

J.T. International
83 East Water St., Dept. TB
Rockland, MA 02370
(617) 288-0516

Reproduction Victorian & traditional facades, shower systems, and pedestal sinks.

Free
Write in No. 243

N

Jefferson Art Lighting
P.O. Box 7997, Dept. TB
Ann Arbor, MI 48107
(313) 761-8160

Designs and fabricates original lighting fixtures in historically accurate styles, for residential, commercial, and civic buildings. Also restores antique fixtures.

Free
Write in No. 470

N

Jefferson Art Studio
8471 Lima Center Rd., Dept. TB
Ann Arbor, MI 48103
(313) 428-0861

Offers Lithophones (porcelain transparencies) of Victorian images, available as night lights, lamps, sun catchers and shades for oil lamps and chandeliers. Custom wall sconce panels.

Free
Write in No. 472

N

J.R. Johnson
190 Highway 18, Dept. TB
East Brunswick, NJ 08816
(908) 545-9161

Minton-Hollins collection of ceramic tiles and profiled pieces. Maw & Co. ceramic pieces, such as vases, lamps, mirrors, trays, etc., designed to complement Minton wall tiles. Also, encaustic and geometric floor tiles.

Free
Write in No. 568

N

Kestrel Manufacturing
P.O. Box 12, Dept. TB
St. Peters, PA 19470
(215) 286-5541

Reproduction shutters custom made to size, in both operable louver and raised-panel designs. All shutters are supplied with solid brass English hardware. Also, operable louver screen doors.

Free
Write in No. 799

N

King's Chandelier Co.
P.O. Box 667, Dept. TB
Ideen, CA 27288
(919) 625-6188

Design-manufacturers of polished solid-brass Victorian chandeliers and sconces with Venetian crystals. Also, traditional 19th- and 19th-century, all-crystal chandeliers and sconces, hung with Austrian Swarovski Crystal chandelier clasps.

Catalog $3.50

N

Knobs 'N Knockers
Peddlers Village, Dept. TB
Lahaska, PA 18931
(215) 794-8045

This company has an extensive collection of Victorian and traditional door and cabinet fittings for residential use. In addition, it carries bathroom fixtures, washbasin alvres, and wrought iron hardware.

Free
Write in No. 775

N

J & R Lamb Studios, Inc.
P.O. Box 291, Dept. TB
Philmont, NY 12566
(518) 672-7267

This studio, founded in 1857, offers duplication and restoration of art-glass sconces, side lights, transoms, and windows. Also, restoration of canopies and ornamental plaster.

Free

A

Lampshades of Antique
P.O. Box 2, Dept. TB
Medford, OR 97501
(503) 826-9737


Free brochure
Write in No. 276;
catalog $4

N

Langborne Carpet Co.
201 W. Lincoln Hwy., Dept. TB
Pennel, PA 19047
(215) 757-5155

Manufacturer of Jacquard Wilton reproduction woven carpets. Produces broad seamless carpets, and operates looms (identical to those used in the Victorian period) to weave Wilton carpets in 27 in. widths.

Free
Write in No. 473

N

Lehmann Studios
1795 12th St., Dept. TB
Oakland, CA 94607
(510) 465-7158

Custom wheel-cut art glass for residential and commercial interiors.

Free
Write in No. 584

N

Leo Custom Hardware
7532 Columbus Ave.S., Dept. TB
Richfield, MN 55423
(612) 801-1473

Fabricates custom castings (investment and sand cast) for grilles, screens, door hardware, finials, knockers, and other hardware and interior metalwork. Existing patterns and molds on hand, or will custom produce.

Free
Write in No. 585

N

Kenneth Lynch & Sons
86 Dunbury Rd., Box 488, Dept. TB
Wilton, CT 06897
(203) 762-8365

Top-of-the-line fabricators with an extensive catalog of garden ornaments, site furniture, weather vanes, gazebos, fountains, and more, in cast and natural stone, bronze, and lead.

Free
Write in No. 460

N

Mac the Antique Plumber, Inc.
855 57th St., Dept. TB
Sacramento, CA 95819
(916) 454-4307

The 96-pg., 4-color catalog includes bathroom suites, tubs, showers, sinks, faucet sets, re-finished antique cast iron tubs, accessories, hardware, lighting, more.

Free brochure
Write in No. 813;
Send $6 for catalog, refundable on $25 order

N/A

Macartney Classical Woodcarving
660 Spear Inc., Dept. TB
Duluth, MN 55803
(218) 724-5307

All styles of carved moldings, doors, frames, mantels, and other interior architectural elements, as well as furniture.

Free
Write in No. 460

Furniture

Mad River Woodworks
P.O. Box 1067, Dept. TB
Blue Lake, CA 95525
(707) 680-5671

Produces full line of Victorian millwork and turned products, including gingerbread, balusters, finials, corbels, moldings, and screen doors.

Free flyer
Write in No. 805;
brochure $3

N
SUPERB GRACE OF DESIGN

Entrancing.
Furniture-quality doors and entryways in premium hardwoods; standard & custom sizes.

At Chautauqua Woods, every door and entryway is made to the highest construction standards from premium-grade hardwoods by master furniture builders.

Most Chautauqua Woods door styles have classic raised moldings on interior and exterior faces. Optional "Period Stylized Packages" are available to match virtually any architectural style.

We can also supply rectangular transoms with rectangular or elliptical light openings, as well as a variety of sidelight styles. Call or write for more details. You'll discover that the finest quality is also affordable. All doors are handcrafted in the United States.

Chautauqua Woods
P.O. Box 3, Fredonia, NY 14063
(716) 679-7720 FAX: (716) 679-7780

WHEN ONLY A CRAFTSMAN WILL DO
Historically Accurate . . .

- Restoration of plain plaster
- Restoration of plaster ornament

Additionally, we offer:
- Scientific analysis & recreation of historic plaster
- Injected adhesives & reattachment of loose plaster

- TRADITION • AUTHENTICITY • QUALITY

Ewing Restoration

3068 E. Maple Ave., Burlington, NJ 07303 Phone or Fax (973) 228-8022

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

- THE FINEST LAMP & FIXTURE RESTORATION AVAILABLE
- Lighting Catalog $5.00

ROY ELECTRIC CO., INC. (800) 366-3347
SHOWROOM: 1054 Conney Island Ave., Brooklyn, NY 11230
In N.Y. (718) 434-7002 Fax: (718) 421-4678

WRITE IN NO. 19

VICTORIAN LIGHTING WORKS

WRITE IN NO. 373

WRITE IN NO. 238

WRITE IN NO. 491

WRITE IN NO. 124

WRITE IN NO. 602

WRITE IN NO. 43

WRITE IN NO. 910

NEW VICTORIAN DESIGNS
CHELSEA DECORATIVE METAL CO.
9603 Moonlight Dr., Dept. TB6
Houston, Texas 77096
(713) 721-9200
CATALOGS $1.00

GATE HARDWARE

Votre Source for Traditional Gate, Barn and Stable Hardware

WRITE IN NO. 105

COUNTERTOPS • TABLETOPS • SINKS
Stone Furniture • Custom Installations
Finest craftsmanship
Marble, granite, and stone fabricated to your specifications. Affordable prices. Call for quote.

D&M'S STUDIOS
5-59 St. Ave., Long Island City, NY 11101
(718) 937-5648 FAX (718) 937-2699

WRITE IN NO. 132

MILFORD REPLACEMENT HARDWARE
73 Buh Ann Terrace
Milton, CT 06468
800-708-9462
FAX (203) 874-9497

WRITE IN NO. 148

ANThony
WOOD PRODUCTS
INCORPORATED
Box 1051 TB
Hillsboro, TX 76045
817-585-7225

Illustrated catalog available - $2.00
Visa and Master Card Accepted

WRITE IN NO. 206

THE TRADITIONAL BUILDING DEVIS OF 9 - FINISHES

JULY/AUGUST 1993
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>Metal Ornament</th>
<th>Gingerbread Shingles</th>
<th>Wood Floors</th>
<th>Brickwork</th>
<th>Casted Tile</th>
<th>Moulded Ornament</th>
<th>Wall Coverings</th>
<th>Art Glass</th>
<th>Plumbing Fixtures</th>
<th>Hanging Fixtures</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maguire Iron Corp.</td>
<td>Antique reproduction builders' hardware in iron and other metals, locks, and accessories. Over 1,000 pieces for door, window, cabinet, and gate hardware; 150 matching locks and latches. Custom capabilities.</td>
<td>Free Write in No. 760</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>John L. Mardell</td>
<td>Company specializes in finely-detailed, abrasive-cut decoration on glass — new or old windows, lamp globes, etc.</td>
<td>Free</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X, A</td>
</tr>
<tr>
<td>Milford Replacement Hardware</td>
<td>Supplies a wide variety of restoration hardware with an emphasis on window hardware. Unique items can be reproduced using lost-wax casting.</td>
<td>Free Write in No. 491</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Mother of Pearl &amp; Sons</td>
<td>Makers of natural beechwood furniture polish and restoration hardware to the antique trade, restorers, and appropriate retailers. Importers of British Colonial antiques from India, such as hanging oil lanterns.</td>
<td>Free</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W.F. Norman Corp.</td>
<td>100-year-old company continues to offer a comprehensive collection of over 1,000 traditional architectural sheetmetal ornaments and sculpture, over 140 metal ceiling and wall panel patterns, and roofing products.</td>
<td>Free Write in No. 52</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>North Fields Restorations</td>
<td>Architectural salvage company carrying antique white plaster flooring in pine, oak, and chestnut.</td>
<td>Free Write in No. 326</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Newell's Inc.</td>
<td>Stock and custom reproduction lighting fixtures of solid brass, copper, and bronze. Some styles in operating gas. Historically accurate styles from Victorian to Mid-20th Century. Also offers restored antique lighting and restoration services.</td>
<td>Free brochure Write in No. 218, Catalog B5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N, A</td>
</tr>
<tr>
<td>O'Connor's Cypress Woodworks</td>
<td>Victorian gingerbread brackets, swings, benches, railings, and tables. All made from durable cypress. All products are treated with a water resistant, and can be painted, stained, or left to weather.</td>
<td>Free Write in No. 492</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Old Wagon Factory</td>
<td>Victorian products such as porch furniture, gable decorations, gingerbread, and other woodwork, and storm/screen doors in all sizes. Handcrafted of hardwood with marble- and tenon construction.</td>
<td>Free Write in No. 780</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Thomas D. Osborn</td>
<td>Specializes in custom design, fabrication, and installation of marquet and inset floors using native and exotic hardwoods. All work is done exclusively in 3/4 in. hardwood.</td>
<td>Free Write in No. 479</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Peters &amp; Son</td>
<td>Company carries period-styled hardware for shutters, doors, and gates.</td>
<td>Free Write in No. 124</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Plascer Cast Designs</td>
<td>Hand-crafted architectural accents in reinforced plaster for restoration or new construction. Medallions, niches, moldings, mantels, and more.</td>
<td>Free Write in No. 480</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Red Baron's Antiques</td>
<td>Company has a wide range of items from many periods, including Victorian; interior and exterior architectural elements, furniture, garden furnishings, fine and decorative arts collectibles.</td>
<td>Free</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reflection Studios, Inc.</td>
<td>Studio produces exceptional stained glass reproductions, original work, and museum-quality restoration. It is a licensed glazing contractor with numerous references for large-scale commercial, state, and Federal projects.</td>
<td>Free Write in No. 783</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Reggio Registers</td>
<td>Manufactures a complete line of traditionally designed decorative cast-metal grilles and registers. Will also make custom castings.</td>
<td>Free Write in No. 581</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Rejuvenation Lamp &amp; Fixture Co.</td>
<td>Manufacturer of Victorian and early 20th century solid brass lighting. Many gas-style fixtures and combination gas-electric styles. Also, custom capabilities.</td>
<td>Free</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
</tbody>
</table>

TRADITIONAL BUILDING'S VICTORIAN REVIVAL SourceList

Compiled by Sharon Garbe
Handcrafted Wooden Furniture and Storm-Screen Doors

- Large selection of storm-screen doors in standard and custom sizes.
- Victorian porch furniture & trim.
- Planters and benches.
- Railing andanine accessories.
- Custom orders welcome!

For color catalog, send $2.00
The Old Wagon Factory
P.O. Box 1427, Dept. TB,
Clarksville, NY 10567
(804) 545-0869

WRITE IN NO. 780

A{ORABLE ELEGANCE

BUY FACTORY DIRECT & SAVE!
Classic Lamp Posts manufactures the highest quality lighting posts and luminaires for residential and commercial installations. These unique lamp posts are molded of a steel - reinforced outdoor polymer and urethane laminate that we call "Polysteel".

Our polysteel posts offer:
- Lowest Cost
- Best Appearance
- Easiest Installation
- Lowest Maintenance
POLYSTEEL FROM 8' TO 15' TALL

Request your free color catalog today!

WRITE IN NO. 288

Largest Selection of Antique American Oak and Victorian Furniture in New England

Three Large Barns Full!
Constantly changing inventory!
Video tape ($25) individually made for your specific needs

WRITE IN NO. 463

BEAUTIFUL BRASS STAIR RODS
Finally, European Style Solid Brass Stair Rods and Finials at Good Old American Prices!

- The sleek lines of hand polished, rich Brass Stair Rods and beautiful End-Cap Finials will transform stair runners into total elegance.
- Each rod and finial is Hand Polished, and treated with High Gloss Enamel, thus eliminating the possibility of tarnishing.
- Easy to install: "patent pending" mounting brackets allow for simple installation for the do-it-yourselfer. Adjusts to any rug thickness. No shims or spacers required.
- Custom sizes: rods are available up to 12' in length.

WRITE IN NO. 429

Spiral Staircases Custom Built to Your Order
- Complete with heavy-duty wood railings. The most competitive and priced for below the competition.

Goddard Manufacturing
Box 502, Dept. TB, Logan, KS 67036

WRITE IN NO. 478

MINTON HOLLINS,
The Victorian Collection

An Exclusive Collection of glazed ceramic tiles and profiled pieces.

MINTON HOLLINS, INC.
310 E. Molooy Rd., Dept. TB, Syracuse, NY 13211 • (800) 468-8801

WRITE IN NO. 568

It's Really BIG!

RESTORATION '95 Exhibition & Conference
The largest preservation and restoration event in North America.
December 6-8, 1993 • Hyatt Convention Center
Boston, Massachusetts • See page 71 for details

WRITE IN NO. 575

MADE IN USA BY QUALITY CRAFTSMEN SATISFACTION GUARANTEED
CALL OR WRITE FOR FREE BROCHURE
Unique Designs Mfg. Co.
308 E. Molloy Rd., Dept. TB, Syracuse, NY 13211 • (800) 468-8801

WRITE IN NO. 575

It's Really BIG!

RESTORATION '95 Exhibition & Conference
The largest preservation and restoration event in North America.
December 6-8, 1993 • Hyatt Convention Center
Boston, Massachusetts • See page 71 for details

WRITE IN NO. 575

It's Really BIG!
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roy Electric Co.</td>
<td>New full product color catalog featuring 274 Victorian and Turn Of The Century lighting fixtures — sconces, pendants, and flush fixtures — as well as 190 choices of glass shades. Also offers custom capabilities and restoration.</td>
<td>Free brochure Write in No. 42, catalog $5</td>
</tr>
<tr>
<td>Wm. Bateman Ruffner &amp; Co.</td>
<td>Company produces elegant metal bird cages in limited editions or custom designs.</td>
<td>Catalog $10</td>
</tr>
<tr>
<td>Salt &amp; Chestnut</td>
<td>This company has hundreds of silhouette and dial-topped weathervanes to choose from. It also produces custom work and finials.</td>
<td>Free Write in No. 659</td>
</tr>
<tr>
<td>Sepo Leaf Products, Inc.</td>
<td>Suppliers of gilding products and tools: Gold leaf booklets and rolls, imitation gold and aluminum, sizes, furnishing Glazes, etc. Also associated with the Center for the Gilding Arts, which offers all levels of gilding courses and workshops.</td>
<td>Free Write in No. 288</td>
</tr>
<tr>
<td>Shady Lady</td>
<td>Handmade fabric lampshades in Victorian, oriental, contemporary, and custom styles. Reproduction floor and table lamp bases. Will also convert art objects into lamps.</td>
<td>Folder $4.50</td>
</tr>
<tr>
<td>Shuttercraft</td>
<td>Authentically-style pine and cedar wood shutters for interior or exterior applications.</td>
<td>Free Write in No. 44</td>
</tr>
<tr>
<td>Silver Creek Mill</td>
<td>Victorian wood products. Specializes in lawn work: Brackets, running trim, and balusters. Also offers screen doors, furniture, and miniature houses.</td>
<td>Free Write in No. 455</td>
</tr>
<tr>
<td>Silverton Victorian Millworks</td>
<td>Manufactures a complete line of exterior and interior millwork, including Victorian, Country, and Southwest styles. Premium and standard-quality wood products available off-the-shelf from its large inventory.</td>
<td>Free</td>
</tr>
<tr>
<td>South Coast Shingle Co.</td>
<td>Manufacturers of fancy-but, hand-cut #1 cedar shingles, and distributors of all types of roofing materials and related items.</td>
<td>Free</td>
</tr>
<tr>
<td>Southampton Antiques</td>
<td>Large selection of American Victorian furniture.</td>
<td>Free Write in No. 463</td>
</tr>
<tr>
<td>Spoon River Millwork</td>
<td>Architectural millwork, including custom moldings, doors, windows, casework, stain, and Victorian-etched-glass panels.</td>
<td>Free Write in No. 853</td>
</tr>
<tr>
<td>Spring Lighting Co.</td>
<td>Manufacturers of period lighting fixtures. Custom capabilities.</td>
<td>Free</td>
</tr>
<tr>
<td>Steptoe &amp; Wife Antiques, Ltd.</td>
<td>Stock products include cast-iron straight and spiral staircases and railings, shipped knocked down to job site. Also, decorative iron and steel curtain hardware, and custom fabrication.</td>
<td>Free Write in No. 47</td>
</tr>
<tr>
<td>Sunflower Showerhead Co.</td>
<td>Victorian-styled reproduction of an 8-in. diameter showerhead. The product is chrome-plated copper, and has a five-year warranty. Shower-arm bracket available, or installs with 1/2 in. standard fittings.</td>
<td>Free Write in No. 294</td>
</tr>
<tr>
<td>Sunrise Specialty Co.</td>
<td>Period bathroom fixtures such as clipper tubs, oak tank toilets, and water closets, as well as accompanying fittings, and 3- and 5-arm chandeliers.</td>
<td>Free Write in No. 664</td>
</tr>
<tr>
<td>Thermo-Rite</td>
<td>Company originated the use of tempered glass fireplace doors 45 years ago. It offers a broad line of traditionally-styled, solid brass enclosures, gas logs, grates, and tool sets.</td>
<td>Free Write in No. S23</td>
</tr>
<tr>
<td>Richard E. Thibaut, Inc.</td>
<td>Historic reproductions of wallpapers, borders, and fabrics. Designs range from rich florals to Persian stripes. Papers are pre-pasted, strippable, and washable; fabrics are screen-printed on stain resistant 100% cotton.</td>
<td>Free Write in No. 42</td>
</tr>
</tbody>
</table>

**Notes:**
- N: N/A
- A: Antiques
- B: Bird cages
- W: Weathervanes
Learning The Secrets Of The Gilding Guild

Of all the traditional crafts, the one that still retains its mystery is gilding and gold leafing. All that is changing with the opening of the Center For The Gilding Arts.

This new teaching facility is holding continual classes and hands-on workshops on: Architectural Gilding, Traditional Water Gilding, The Kolner Water Gilding System, Oil Gilding, Glass Gilding, Antiquing, Toning, and Illumination, Compo Casting — and much more. Weekly classes are offered for both novices and professionals. Weekend and "crash" courses are available to meet the needs of active professionals. Special seminars feature important developments in the craft and artistry of gilding.

The Center For The Gilding Arts is located at 381 Park Avenue South (at 27th St.), New York, NY 10016. For more information and class schedules write or call Bill Gauthier at (212) 683-4822 FAX (212) 725-0308. Or Write in No. 514
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>SPECIALTY</th>
<th>Literature</th>
<th>Notes &amp; Abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tile Restoration Center</td>
<td>Experienced with custom glass matching for Teeter, Hamilton, AETCO &amp; others of Victorian era. High-relief porcelain tile, borders, and accent pieces. Cedar, nut, and other specialty glaze available.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Timeless Garden</td>
<td>This small company researches and reproduces historic garden gates. The gates are handcrafted, one at a time, from clear, all-heart redwood.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Touchstone Woodworks</td>
<td>Custom specialists in Victorian and traditional screenstorm doors. Doors are made-to-order from Honduras mahogany with interchangeable screen and tempered glass storm panels. Many styles to choose from or will custom design.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Turn of the Century Lamphouses</td>
<td>Reproduction Victorian fabric lampshades and bases. 50 styles and 40 color combinations available with either fabric or beaded fringe.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Unique Designs Mfg. Co.</td>
<td>Brass stair rods with decorative end-caps. Standard and custom sizes up to 12 ft. in length. Mounting brackets adjust to any rung thickness.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Victorian Collectibles</td>
<td>Specializes in Victorian wallpapers, area rugs, and fabrics. Has extensive collection of authentic reproductions of American Victorian patterns. Design service available.</td>
<td>Free</td>
<td>N/A</td>
</tr>
<tr>
<td>Victorian Lightcrafters, Ltd.</td>
<td>Hand-crafted lighting fixtures in solid brass. Over 50 Victorian designs.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Visen Hill Mfg.</td>
<td>Top-of-the-line gazebos in many designs — including adaptations for each season — manufactured from select-grade western red cedar, engineered for both strength and ease of assembly. Also cedar shutters.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Washington House Reproductions</td>
<td>Restoration of antique lighting devices and custom reproductions lamps and lighting fixtures in solid brass. Also, electric Dietz Pioneer &quot;kerosene&quot; street lights.</td>
<td>Free</td>
<td>N/A</td>
</tr>
<tr>
<td>J.P. Weaver Co.</td>
<td>Over 8,000 molded casing selections available. Products are pliable and will contour and self-bond to any sealed surface such as mirror, plaster, drywall, wood, metal, ceramic. Scaled-design books (1/4 in. = 1 in. scale).</td>
<td>Brochure $5</td>
<td>N</td>
</tr>
<tr>
<td>Ron Wiener, Woodcarver</td>
<td>Woodcarvings of original and reproduction design. Designs are digitized in order to achieve accuracy in copiers. All work is finished using traditional carving tools.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Willet Stained Glass Studios, Inc.</td>
<td>Studio has been in existence since 1889, creating leaded, stained glass, and sand-cast glass window for residential, commercial, and religious buildings. Also offers restoration services.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>The Wood Factory</td>
<td>Historically accurate millwork: Designs have been researched and copied from turn-of-the-century catalogs and photographs. Custom matching available.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Wood Visions</td>
<td>Modular &quot;furniture quality&quot; gazebos in three styles and sizes with screening packages. Other landscape products: Arbors, custom fencing, Sandtanks, and footbridges. Construction and design service available.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Yankee Barn Lighting</td>
<td>Large selection of Victorian-style glass shades, brass bases, and replacement components for Victorian fixtures.</td>
<td>Free</td>
<td>N</td>
</tr>
<tr>
<td>Zina Studios, Inc.</td>
<td>Specializes in fine-fine reproductions of documentary printed fabrics and wallcoverings for historical houses, preservation societies, and museums. Company also supplies reproductions of antique swiss bobbinet embroidered cotton curtains.</td>
<td>Free</td>
<td>N</td>
</tr>
</tbody>
</table>
Affordable Elegance... in solid brass

2 RESOURCES FOR CLASSIC HOMES

BATHROOM MACHINARIES

CATALOGUE

Our fixtures are made with pride in the USA

WRITE IN NO. 465

BROWN

STAINED GLASS STUDIO

CHEMMUES • COMMERCIAL • RESIDENTIAL

Our capabilities include: Designing • Restoring • Beveling Construction • Custom Etching

100% Custom

(210) 734-2653
910 San Francisco St.
San Antonio, TX 78201

WRITE IN NO. 605

CONSERVATION SERVICES

Stained and Decorative Glass
Historic Wood Windows
Masonry

Our services include: Existing Condition Surveys, Materials Specifications; Restoration Program Development; Project Management; Quality Assurance; Execution of the Work.

We are pleased to carry our following fine organizations and institutions among our clientele: Smithsonian Institution and Metropolitan Museum of Art, NY; U.S.M.A. Cadet Chapel, West Point, NY; Tulane University, New Orleans, LA; Hilham Estate, Asheville, NC; St. Pauls Episcopal Church, St. Croix, U.S.V.I.; Teiken Museum, Tokyo, Japan

Association of Restoration Specialists, Inc.

122 Clinton St., Hoboken, New Jersey 07030
(201) 795-1103 Fax (201) 420-8608

WRITE IN NO. 482

GRILLES DOORS

BRIAN E LEO

612-861-1473

7532 Columbus Avenue South
Richfield, Minn. 55423

WRITE IN NO. 584

BRILLIANT CUT GLASS

A • N • T

A R T

P. O. BOX 753 TRUMANSBURG, NY 14886 607-387-5473

European Craftsmen

Victorian restoration & recreation of art glass
Consulting • Design • Installation

WRITE IN NO. 860

Victorian, Traditional, Classic and Contemporary
Discover our extensive Collection of Hardware – perfect for renovations or new construction.
Retail and to the Trade

KNOWS IN KNOCKERS®
The Ultimate Source for Decorative Hardware

Peddler's Village • Lahaska, PA • 215-794-8045

WRITE IN NO. 775
VICTORIAN REVIVAL PRODUCTS

For more information on these companies, consult the Sourcelist on pp. 42-56.

Anglo-Japanese style credenza with inlaid foliage, dragons, and geometric patterns. RED BARON'S ANTIQUES. Write in No. 989

The "Polk Gulch" by NOWELL'S INC., is a gas-style ceiling fixture shown here with a 4 in. SnowFlake shade. The total length is 16 in. Write in No. 618

CLASSIC ILLUMINATION's Griffin table lamp, Model# 14. Write in No. 597

Solid cast bronze escutcheon plate (No. 139) is 9 in. FL and features a swivel key cover. From BRIAN LEO HARDWARE. Write in No. 584

"Liberty Bird" ceiling paper from the Brillient Collection, available from VICTORIAN COLLECTIBLES. Write in No. 525

This fanciful weathervane called "Stargazer", with gold leafed stars and sky blue ceramic globe, was modeled after an antique lightning rod vane by DENNINGER CUPOLAS & WEATHERVANES. Write in No. 730
The Glory Of Glass

- Commercial Projects:
- Offices
- Banks
- Clubs
- Restaurants
- Custom Designs

2401 Government Street, Mobile, AL 36606
(205) 479-3932

WRITE IN NO. 351

CUSTOM LIGHTING

BUILT TO
YOUR
SPECIFICATIONS

CONANT CUSTOM BRASS, INC.
270 PINE STREET
BURLINGTON, VT 05401
TEL: 802-658-4482
FAX: 802-864-5914

WRITE IN NO. 62

The Glory Of Glass

- Glass Creations
  for
- Doors
- Windows
- Room
  Dividers
- Tables
- Nationwide
  Service

WRITE IN NO. 251

TRADITION & QUALITY
since 1856

Beech River Mill Corp.
Old Rte. 16, Dept. TB, Ctr. Ossipee, NH 03814
Phone & Fax (603) 539-2636
1-800-621-2636
Send $3.00 for Catalog

WRITE IN NO. 411

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
CLASSIC REVIVALS had this fabric re-woven for Newport's Vanderbilt mansion, Marble House, by the company who had originally woven it in 1892. A copy of the original order and a small cutting were found in the archival ledger books of Prelle & Cie of Lyons, France. Write in No. 610

A sampling of beaded fringe available from TURN OF THE CENTURY LAMPSHADES, INC.

The J.P. WEAVER CO. has close to 8,000 different composition ornaments, including this morning-glory vine and bundled-reed molding.

Imperial feet support this period slipper tub from SUNRISE SPECIALTY CO. Write in No. 464

"The Vermont Thermometer" by CONANT CUSTOM BRASS was inspired by one found in an antique shop in rural Vermont. It also comes in a tabletop model. Write in No. 62

In this photo, Brian Ewing, of EWING RESTORATION, installs a ceiling center-piece coated with polyvinyl acetate and adhered with wallpaper hanger's glue mixed with casting plaster. Plaster washers and drywall screws were affixed to joists. Write in No. 238

Typical spandrel and grillework, offered by CUMBERLAND WOODCRAFT CO., used in a Victorian restoration. Write in No. 131

Basin with "Ornamental Band" available from CHRISTINE BELFOR DESIGNS, LTD. Write in No. 355

For more information on these companies, consult the Sourcelist on pp. 42-56.
Victorian Shutter and Restoration, Inc.
Specializing in Handcrafted Interior & Exterior Shutters

3522 Broad Street
Eisenhower Ave. (George Washington Memorial Highway)
Elverson, Pennsylvania 19520
(908) 534-5990
FAX (908) 534-5190

WRITE IN NO. 85

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 tenon locking pins.
Both panels and louvers are of
genius 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

THE LEADER IN CUSTOM
ARCHITECTURAL ORNAMENTATION

Campanas • Ceiling Medallions • Niche Caps
Caps • Brackets • Sculpture • Plaques
Domes • Cartouches • Tudor Ceilings
Adam Ceilings • Coffers
Plus custom design, consultation and fabrication.

FELBER
ORNAMENTAL
PLASTICRIM CO.
PO. Box 509, 110 Antarbox Avenue, Antroio, PA 19003-0509.
215-642-4710; 1-800-392-6645. FAX: 215-642-4843

WRITE IN NO. 289

SOLID BRASS HARDWARE
Furniture & House
2,000 Items in stock
Same day UPS shipping
Retail / Wholesale
Quantity discounts
Send S&H for catalog, available on 5¢ order to

A CAROLINA CRAFTSMAN
3405 N. AYCOCK STREET
ANAHUIM, CA 95910
(916) 369-3414

WRITE IN NO. 432

Polytek

"THE
POLYHEL
MOLD
IS THE BEST MOLD
WE EVER MADE."

...Kuss Veeder, principal
American Architectural Art Co.,
Anadara, PA

Recently, Matt Axel and Bob Matthias of
Edon Corp. in Horsham, Pa. restored the
façade of Philadelphia's renowned Widener
Building with Russ Veeder. They used
fiberglass parts made in Polygel Rubber
molds from Polytek's liquid rubbers. These
nationally recognized Master Moldmakers
say the Polytek materials produced the best
mold they ever made. That says it all.

<table>
<thead>
<tr>
<th>Restored facade of Widener Building. Capitals and horizontal ornamentation were made of fiberglass reinforced polyester resin in Polytek Rubber Molds. Polytek's Patented Polygel self-thickening liquid rubbers for brush-on molds feature:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exceptional detail reproduction.</td>
</tr>
<tr>
<td>Ease of use: 1:1 two-part mix.</td>
</tr>
<tr>
<td>Cost efficient. Brush-on molds use less rubber.</td>
</tr>
<tr>
<td>Expert technical support from Polytek.</td>
</tr>
</tbody>
</table>

Polytek has a complete line of moldmaking materials. For our Moldmaking & Casting Methods and Materials Manual and Catalog that can answer all your moldmaking needs and a case history of the Widener Building restoration call (908) 534-5990, or write today.

Polytek
P.O. Box 7384, Lebanon, NJ 08833
(908) 534-5990 FAX (908) 534-5190
The One Source for Moldmaking Materials

WRITE IN NO. 434
VICTORIAN REVIVAL PRODUCTS

For more information on these companies, consult the SourceList on pp. 42-56.

American Victorian swag reproduced in applique by RON WIENER, WOODCARVER. Write in No. 509

Model no. MSW-2 wall-mounted lamp with movable arm, made by ROY ELECTRIC Co. Write in No. 43

The Amherst screen door (style #126) from TOUCHSTONE WOODWORKS. Write in No. 784

Shown above is STEPTOE & WIFE ANTIQUES, LTD.'s line of drapery accessories: Cast iron finials, rosettes, and rods, available in pewter, black and antique gold or copper finishes. Write in No. 47

RICHARD THIBAUT, INC., has just introduced "Balloon Festival," a four-panel wallpaper mural which covers 6 ft. 9 in. of linear wall space, and is available in four color versions. Write in No. 42

This floral metal ceiling square is available as a lay-in tile (24 X 24 in.) or as a multiple plate (24 X 48 in.) from CHELSEA DECORATIVE METAL CO. Write in No. 19

15 ft. Victorian gazebo from VIXEN HILL. Write in No. 710

Cast brass doorknob and plate by HARDWARE PLUS. The plate is slightly oversized to cover pre-drilled 2-1/8 in. borings. Write in No. 652

Gingerbread gable ornament by SILVER CREEK MILL. Write in No. 455

For more information on these companies, consult the SourceList on pp. 42-56.

American Victorian swag reproduced in applique by RON WIENER, WOODCARVER. Write in No. 509

Model no. MSW-2 wall-mounted lamp with movable arm, made by ROY ELECTRIC Co. Write in No. 43

The Amherst screen door (style #126) from TOUCHSTONE WOODWORKS. Write in No. 784

Shown above is STEPTOE & WIFE ANTIQUES, LTD.'s line of drapery accessories: Cast iron finials, rosettes, and rods, available in pewter, black and antique gold or copper finishes. Write in No. 47

RICHARD THIBAUT, INC., has just introduced "Balloon Festival," a four-panel wallpaper mural which covers 6 ft. 9 in. of linear wall space, and is available in four color versions. Write in No. 42

This floral metal ceiling square is available as a lay-in tile (24 X 24 in.) or as a multiple plate (24 X 48 in.) from CHELSEA DECORATIVE METAL CO. Write in No. 19

15 ft. Victorian gazebo from VIXEN HILL. Write in No. 710

Cast brass doorknob and plate by HARDWARE PLUS. The plate is slightly oversized to cover pre-drilled 2-1/8 in. borings. Write in No. 652

Gingerbread gable ornament by SILVER CREEK MILL. Write in No. 455

For more information on these companies, consult the SourceList on pp. 42-56.

American Victorian swag reproduced in applique by RON WIENER, WOODCARVER. Write in No. 509

Model no. MSW-2 wall-mounted lamp with movable arm, made by ROY ELECTRIC Co. Write in No. 43

The Amherst screen door (style #126) from TOUCHSTONE WOODWORKS. Write in No. 784

Shown above is STEPTOE & WIFE ANTIQUES, LTD.'s line of drapery accessories: Cast iron finials, rosettes, and rods, available in pewter, black and antique gold or copper finishes. Write in No. 47

RICHARD THIBAUT, INC., has just introduced "Balloon Festival," a four-panel wallpaper mural which covers 6 ft. 9 in. of linear wall space, and is available in four color versions. Write in No. 42

This floral metal ceiling square is available as a lay-in tile (24 X 24 in.) or as a multiple plate (24 X 48 in.) from CHELSEA DECORATIVE METAL CO. Write in No. 19

15 ft. Victorian gazebo from VIXEN HILL. Write in No. 710

Cast brass doorknob and plate by HARDWARE PLUS. The plate is slightly oversized to cover pre-drilled 2-1/8 in. borings. Write in No. 652

Gingerbread gable ornament by SILVER CREEK MILL. Write in No. 455

For more information on these companies, consult the SourceList on pp. 42-56.
New Solid Brass "TGIF" Mini-Frame Custom Door

"Track & Glass In Frame" Offers
More Glass and Full View of Fire
Lacquered Solid Brass on TG580F
Full Strength Tubular Inner Frame
Customized for Inside Fit or Overlaps - Choice of Finishes

Thermo-Rite®
The Originators of TEMPERED GLASS FIREPLACE ENCLOSURES
P.O. Box 1109, Akron, OH 44309; (216) 633-8680; FAX (216) 633-8701
WRITE IN NO. 523

20 Years of Energy Saving Lighting!

THE ORIGINAL CAST™ LIGHTING
A Division of Art Directions, Inc.
6120 Delmar Blvd. * St. Louis, MO 63112 * 314-863-1895
WRITE IN NO. 436

Push Button Light Switches

In Single and Three Way
New Push Button Switch
*Dimmer*
Solid Brass cover Plates
Decorative and Plain
Also In
• Chrome
• Brown
• Ivory
• Oak

For Color Brochure
Send $1.00 to:
Classic Accents
Dept. TB, P.O. Box 1181
Southgate, MI 48195

WRITE IN NO. 75

The Finest Authentic Decorative Hardware

By bouvet™
Unique Designs For Unique Homes

For the Nearest Authorized Showroom, Please Fax or Write To
Bouvet U.S.A., 87 McLea Court, San Francisco, CA 94103
FAX (415)864-0372
WRITE IN NO. 162

WE CAN DO THAT!

LARGE OR SMALL / CUSTOM OR STANDARD
Let Wood Visions build the structure of your dreams! Choose from our line of quality Cedar Gazebos. Or let us build that one-of-a-kind piece. Gazebos are how we started, but we may now satisfy all your landscape building needs with our modular construction and design services.

Choice of the P.U.A. for the 1991 Ryder Cup
Box 815, Derry, NH 03038 603-595-9663 800-628-1101
WRITE IN NO. 987

The Antique Hardware Store

Over 5,000 items of reproduction plumbing fixtures, builder's hardware, and many other period fittings.

See our ad on page 79!

WRITE IN NO. 801

Historic Hardware • Historic Lighting

Largest selection of historically accurate hardware and lighting fixtures in the U.S. Designs range from 18th century to early 20th century.

See our ad on page 80!
Ornamented flower box with matching trim by J.A. DAWLEY WOODWORKING. Write in No. 420

Distinctive door hardware by KNOBS & KNOCKERS. Write in No. 775

Hardwood rocking chair treated with wood preservative and finished in high gloss white enamel, available with other porch furniture from THE OLD WAGON FACTORY. Write in No. 780

White enamel wash basin filler from the Colore/Classica Series by WATERCOLORS. It is also available in plated brass, chrome, and 10 other metal finishes.

Model no. 827 is one of the many Victorian castings available in aluminum from ALLOY CASTINGS. Write in No. 468

Reflections Studios produced these richly detailed and beautifully executed window panels. Write in No. 783

Langlehorne Carpet Co. copied a drum-print velvet to create this replacement carpet in the James Lorah House in Doylestown, PA.
Introducing...The Grand Pavilion

The Grand Pavilion is monumental in concept and scale — three stories high, 100' from end to end, 1400 SF under roof. Here is an elegant solution for designers seeking a concert stage, open-air dining or dancing area, theme park entrance/exit, traffic flow regulator, VIP viewing platform, formal reception facility, marketplace, town center arena, or major focus of a park or garden. Its three-tiered cathedral ceiling creates a communal atmosphere for weddings and celebrations of every description. On site assembly by non-carpenters in 120 man-hours. Call for complete brochure or video.

VIXEN HILL GAZEBOs ★ MAIN STREET, ELVERSON, PA 19520 ★ 800-423-2766

BLOCK-PRINTED WALLPAPERS

Authentic 18th & 19th century papers hand-printed from antique pearwood blocks

The Classic Revivals Collection contains the finest historic wallpapers from the world’s most distinguished manufacturers. The papers are accurate and authentic in every way, including method of manufacture. Among the firms we represent are some of the Papers of Paris and Silvertape Papers of London — among the few remaining firms that make only block print papers. In addition, we carry a wide selection of other historical-lym accurate papers from the 18th and 19th centuries — and have expertise in museum work and custom reproductions. Call or write with your requirements.

Classic Revivals, Inc.
1 Design Center Place, Suite 545, Boston, MA 02210
(617) 574-9030 FAX (617) 574-9027
— TO THE TRADE ONLY —

WRITE IN NO. 710

CUMMINGS STUDIOS

Tradition and Innovation in Stained Glass
• Restorations and New Commission •

Since 1922, Cummings Studios has been a leader in the restoration of stained glass. Perhaps more than any modern American studio, we have been honored to take part in the restoration of the gladed-age masterworks of Chartres and Tiffany, of the celebrated windows of the Gothic Revival, and of panels from virtually every period in the history of the medium.

In addition, our studio commissions for new designs include government buildings, offices, shopping malls, banks, hotels, residences, and religious buildings. Our designer portfolio system offers our clients the opportunity to fully explore the unique possibilities of the medium.

Our project roster includes some of the most important restorations and new commissions awarded in recent years. Call or write for our client list and to discuss your project.

Ahman Marcus
San Francisco, CA

WRITE IN NO. 316

THE CAMEO BASIN

From the Traditional Collection

APPROPRIATE FOR PERIOD RESTORATION OR RENOVATION

PRICED AT $275

Send $2.00 for full color portfolio

CHRISTINE BELFOR DESIGN LTD.
177 East 57th St. Suite 400 • New York, NY 10128
Tel/Fax: (212) 722-5410

WRITE IN NO. 361

MAGUIRE IRON CORPORATION
317-2230 STREET • BIRMINGHAM, ALA. 35207-0427 • (205) 222-7576 • (800) 222-7576

WRITE IN NO. 740

THE TRADITIONAL BUILDING DIVISION 9 - FINISHES

JULY/AUGUST 1993

65
VICTORIAN REVIVAL PRODUCTS

For more information on these companies, consult the Source list on pp. 42-56.

Model no. 143 measures 26 in. at the bottom and is 26 in. H. LAMPSHADES OF ANTIQUE. Write in No. 275

"Rose Trellis," c. 1890-1910, was reproduced by ZINA STUDIOS for Mrs. Vanderbilt's room in Kingscote, Newport, RI. Write in No. 467

Six arm gas-style solid brass chandelier from BRASS REPRODUCTIONS. Write in No. 622

Porcelain beaded pillow toilet set available from MAC THE ANTIQUE PLUMBER. Write in No. 813

Victorian Gothic Revival transfer tile by DESIGNS IN TILE. It is 6 X 6 in., sepia on creme. Model no. GR-6. Write in No. 25
Sunflower® Showerhead

- 4 1/2" & 6" Seashell used in a beach front development

Pineapple plaque used in a Hawaiian hotel

Alloy Casting
3900 Peachtree Road, Mesquite, Texas 75180

Alloy Casting has been designing and manufacturing top quality custom aluminum castings for fifty years.

Architects and commercial designers look for only superior custom work, and with Alloy Casting, they have it every time. By staying attentive to our customers' needs and wants, we are able to design custom work that is second to none.

At Alloy Casting we use our vast resources to go from your concept or idea and make it a reality.

Whether using our in-house personnel or calling on well-established and recognized sub-contractors, Alloy Casting will work with you to make your dream come true and all at a fair price.

Call us toll free at: 1-800-527-1318 or FAX to 214-557-4727 and we'll send you a free brochure or answer any questions you may have.

Write in no. 793

REFLECTION STUDIOS

RESIDENTIAL & COMMERCIAL STAINED GLASS ART & RESTORATION
1416 62ND ST. EMERYVILLE, CA 94608
(510) 652-4884

SAN MATEO COUNTY COURTHOUSE RESTORATION

Write in no. 68

Alloy Casting

Alloy Casting has been designing and manufacturing top quality custom aluminum castings for fifty years.

Architects and commercial designers look for only superior custom work and with Alloy Casting, they have it every time. By staying attentive to our customers' needs and wants, we are able to design custom work that is second to none.

At Alloy Casting we use our vast resources to go from your concept or idea and make it a reality.

Whether using our in-house personnel or calling on well-established and recognized sub-contractors, Alloy Casting will work with you to make your dream come true and all at a fair price.

Call us toll free at: 1-800-527-1318 or FAX to 214-557-4727 and we'll send you a free brochure or answer any questions you may have.

Write in no. 793

Alloy Casting

Alloy Casting has been designing and manufacturing top quality custom aluminum castings for fifty years.

Architects and commercial designers look for only superior custom work, and with Alloy Casting, they have it every time. By staying attentive to our customers' needs and wants, we are able to design custom work that is second to none.

At Alloy Casting we use our vast resources to go from your concept or idea and make it a reality.

Whether using our in-house personnel or calling on well-established and recognized sub-contractors, Alloy Casting will work with you to make your dream come true and all at a fair price.

Call us toll free at: 1-800-527-1318 or FAX to 214-557-4727 and we'll send you a free brochure or answer any questions you may have.

Write in no. 793
**HISTORIC FABRICS & WALLCOVERINGS**

WITH DOCUMENTED, SCREEN PRINTED FABRICS, FREIZE AND BORDERS
Available Through Decorators and Fine Stores Everywhere
Brochures Available

RICHARD E. THIBAUT, AN FM CO.
705 S. 21 ST., IRVINGTN, NJ 07111 (201) 396-7688

**RESTORATION MILLWORK**

- Custom Mouldings
- Windows/Doors - Victorian
- Etched Glass Panels - Casework
- Stairwork - Wall treatments

Spoon River Millwork
P.O. Box 361 • London Mills, IL 61544
(309) 466-3755 fax (309) 466-3747

**PVC LATTICE**

Porches, Fences, Gazebos, Arbors
- Will not chip, splinter, rust, or crack
- Cuts readily with hand or power saw
- UV inhibitor retards fading and mildew
- Joints chemically welded
- Fully integrated color
- Standard sizes are 4'x8', 2'x8', and 2'x4'

Burton Woodworks
4290 ALATEX RD., MONTGOMERY, ALABAMA 36108
(205) 281-0097 (800) 489-0097

**NOWELL’S, INC.**

A TRADITION OF FINE LIGHTING

TRADITIONAL QUALITY for TRADITIONAL BUILDINGS

Nowell’s has offered durable, historically accurate fixtures to major institutions and private homes since 1954. Our Catalog fixtures and custom creations offer a variety of styles: Victorian and Craftsman, Deco, and Neo-classical, each made-to-order to your specifications.

For a free information package, fax or write to the address below. For a complete catalog, send $5.00.

Nowell’s, Inc.
P.O. Box 295, Dept. TB
Sausalito, CA 94966
(415) 332-4933 (415) 332-4936

**FAUX EFFECTS**

FINE DECORATIVE FINISHING TRAINING STUDIO

FAUX EFFECTS offers classes in the field of decorative and faux finishing using the latest technology in methods and products. No oil or glaze. Simple water clean-up.

5 DAY INSTRUCTION IN:
- Marble, Artistic Marble, Stone
- Designer Wall Finishes
- Fine Furniture Finishing
- Olde World to Contemporary

For Information
(407) 778-9044 1613 10th Avenue
Vero Beach, FL 32960

INDUSTRY FOUNDATION MEMBER ASD

**THIBAUT**

**THE ANTIQUE DOORKNOCB**

In Victorian Cape May

600 Park Boulevard
West Cape May, New Jersey 08204
(609) 884-6282

Architectural antique hardware, lighting and mantels

Our original pieces date from the early 1800s to the 1900s. They include early lighting, including hanging lights, table lights and floor lamps, complete door hardware sets (locks, knobs and plates), doorbells, hinges, knockers and doorknobs.

We also have a large selection of door hardware and lighting, including wiring, polishing and rebuilding of locks.

**NOWELL’S, INC.**

A TRADITION OF FINE LIGHTING

TRADITIONAL QUALITY for TRADITIONAL BUILDINGS

Nowell’s has offered durable, historically accurate fixtures to major institutions and private homes since 1954. Our Catalog fixtures and custom creations offer a variety of styles: Victorian and Craftsman, Deco, and Neo-classical, each made-to-order to your specifications.

For a free information package, fax or write to the address below. For a complete catalog, send $5.00.

Nowell’s, Inc.
P.O. Box 295, Dept. TB
Sausalito, CA 94966
(415) 332-4933 (415) 332-4936

**FAUX EFFECTS**

FINE DECORATIVE FINISHING TRAINING STUDIO

FAUX EFFECTS offers classes in the field of decorative and faux finishing using the latest technology in methods and products. No oil or glaze. Simple water clean-up.

5 DAY INSTRUCTION IN:
- Marble, Artistic Marble, Stone
- Designer Wall Finishes
- Fine Furniture Finishing
- Olde World to Contemporary

For Information
(407) 778-9044 1613 10th Avenue
Vero Beach, FL 32960

INDUSTRY FOUNDATION MEMBER ASD
be successful in certain cases. In Fig. VI we have a convex echinus followed by a concave bead, and the combination works perfectly well. But almost always you want to avoid the literal repetition of profiles one after the other.

COORDINATION: In classical architecture, locating moldings relative to each other is not a free-for-all, but involves coordinating individual parts to make an ordered whole. This is usually attained by means of geometric alignments (Fig. VII). For instance, when a torus is set over a pulvinum, its outermost point is typically aligned with a vertical plane extended up from the face of the flat member. A vertical axis is then passed up through the geometric center of the torus to locate the tangent point of the half-round bead immediately above. In turn, another vertical axis from the center-point of the bead establishes the face of the fillet which sits upon the bead, and so on.

FACIAL ANGLE: Another important alignment is the facial angle — the incline off the vertical at which both individual moldings and molding groups will be picked. It’s important to maintain a consistent facial angle throughout a molding sequence; otherwise, the parts will appear disconnected because light will fall on them at unequal angles of incidence. At various times in classical design, we find facial angles anywhere from 30 to 60 degrees (Fig. VIII). Differing explanations have been offered for these variations, such as the sharp angle of the sun in the Mediterranean climate requiring a steeper pitch for proper shadow effect.

PROPORTION & SCALE: Both of these issues must be satisfied in molding design to achieve a harmonious whole, both in the relation of the profiles to their context, and to each other. The profiles on the left of Fig. IX are proportionate and internally well scaled, the dominant cutetto clearly distinguished from the minor moldings. The same profiles on the right, however, reverse the major and minor in size. Consequently, the whole combination becomes confused and no longer a valid measure of scale, since there appears to be two different measures of scale at work.

REDUCTION/SAMPLIFICATION: While it’s illogical to have two separate profiles present within a particular molding sequence, it’s not unusual to have varying scales in moldings belonging to different features of the same building or space. In fact, if structures of any complexity one is often compelled to use moldings of diverse scales. The challenge is to adequately bring about what I call the reduction or amplification of scale where they meet.

In Fig. X, the torus and fluted moldings that articulate the base of the building are hefty in size and scale, because they are in proportion to the overall height of this very tall urban structure. The moldings of the door surround, on the other hand, are literally reduced in size so they can relate to a human scale appropriate for a door. Equally important is how they come together. Notice that the overall height of the step and pedestal element in the doorway is contained within the bottom flat member of the building’s base, and how the greater number of divisions at the door element, versus the single division in the base, conveys the reduction in scale. The same happens immediately above the big flat, where the height of just a single large torus is given over to both a torus and a pilaster.

OCULAR RECTIFICATION: Another instance where one might manipulate the sizes of profiles concerns the position of moldings relative to the eye. These revisions, known as ocular rectifications, are intended to restore the profile to its normal appearance by counteracting distortions inherent in human perception. These distortions may be caused by such variables as the vantage point of the observer, available lighting, even the color of the moldings. The issue of perspective is especially critical on the interior, where one rarely can stand far back from a vertical surface as on the exterior. To illustrate, in Fig. XI if the profile stands roughly head high with the eye, you might probably construct the various moldings according to regular geometry (center). But if this same sequence of profiles to be located near the floor, you might make adjustments because the viewer will always be looking down on it. For instance, you could re-configure the profile so more of it is visible, and less is concealed by the overhanging element. The face of the fillets may also be turned, and even the half-round could be given an edge-like contour to restore some of its underside to view (left).

Similarly, should the profile be placed overhead, then other changes would be appropriate — by raising the over-all height of the member to compensate for the effect of foreshortening (right).

LIGHT & SHADE: Moldings on the outside of a building are almost always illuminated by direct sunlight. Interior moldings, on the other hand, are usually illuminated by indirect reflected light or electric lighting. To compensate for the general weakness of interior light, you might want to make still more adjustments, since moldings only exist to the degree that they produce effective planes of light and shadow. This is especially crucial on the interior where, in the absence of external mirrors, you must rely on the total play of light and shadow to define the profiles at hand.

Space doesn’t permit us to go into detail on the dynamics of light. We can make a few basic points, however, by comparing the oros and echinus profiles (upper I and middle I of Fig. XII).

Assuming light falls in parallel rays from above, the gradation from light to dark on the oros will occur in uniform increments because all points along its surface are equidistant from its geometric center. With the echinus, the gradation is far more complex because it is constructed according to the non-circular geometry of the ellipse. An ellipse doesn’t have geometric centers, and therefore — unlike the oros — its curvature is constantly changing, making the shift from light to dark more subtle and less monotonous than the oros.

Particularly noteworthy is the little high-light at the top of the echinus, known as the quirk, which is where a curve returns upon itself at its ends. You can see it even more exaggerated in this cyma reversa (lower left of Fig. XII), which can also be made from portions of an ellipse. The quirk can add much to a molding, in addition to the light effects it produces. For instance, it creates greater contrast between curved and straight at the extremes of a molding, in contrast to the oros, where the profile assumes a vertical orientation just as it meets the adjacent fillet. The quirk also anticipates and makes a more organic connection between contiguous elements than does the rather abrupt perpendicular termination of the oros into the flat surface above.

CHARACTER: The differing qualities of the echinus and oros brings us to the question of character. The option of selecting one molding over another, as well as the opportunity of manipulating a molding type, suggests a wide range of effects is available to the designer. Compare the two different door casings in Fig. XIII. At the top is a design that comes from the 19th-century American design manual, Reunion of Modern Architecture. The bottom example is taken from a 17th-century Italian building. In terms of architectural character they could not be more dissimilar. We have severity and simplicity versus elaboration and multiplicity; planar versus modeled; straight versus curved; orthogonal versus multi-directional; conventional versus occasionally non-conventional — all of which could describe the respective architectural traditions from which these moldings derive. Thus we come full circle back to an earlier statement about the classical system — that one can find the spirit of the whole in the smallest part. 

The Institute for the Study of Classical Architecture conducts formal classes for professionals who wish to develop their skills in classical design. For further information, contact: Donald M. Battrum, Director, The Institute for the Study of Classical Architecture, New York Academy of Art, 419 Lafayette St., New York, NY 10003, (212) 505-5300 (telephone), (212) 776-1170 (facsimile).
C. DUDLEY BROWN
continued from page 5

military interiors around the globe. In
his recollections, the job sounds like
one grand lark: Borrowing military
commanders' vehicles, living in
officers' quarters, learning the tricks
of real-world negotiation, working
respectfully on historic buildings (the
conservative military never entirely
succumbed to modernism's charms),
and resigning in frustration from a
post as chief of interior design for the
General Services Administration in
1964.

That move let C. Dudley Brown
finally come into his own. He posi-
tioned himself with impeccable
timing. Georgetown's return to re-
spectability had set the stage for
preservation interest in the mid-Vic-
torian Capitol Hill district. Brown
had bought an 1870 townhouse there
in 1958 with his aunt, Ruth Spangler
(now retired, once a director of com-
munications for the International
Monetary Fund). By 1965, he'd estab-
lished a several-person shop in the
carriage house and rejuvenated the
complex into a giant advertisement
for himself, winning dozens of local
commissions and two "Outstanding
Restoration of the Year" awards from
the Capitol Hill Restoration Society.
A trip through the newly restored
building with him elicits a stream of expan-
sions of architectural errors undone:
Original brick exterior siding; revealed, false Georgian entries stripped,
lost brackets rebuilt, white paint and
derector shades replaced by more suitable shades, in-
accurate shutters torn away.

He quickly became a highly
theatrical point man for the trend. A
skim through his press clips of the'
60's and 70's reads like a history of
the Victorian Revival. According to
one excited reporter's 1969 descrip-
tion of a Victorian house restored and
decorated by Brown, the result is "not
Victorian in the manner of black
horsehair setas, drapped draperies and
dark furniture. Everything about the
house is light and bright." "History is
a Happening," explains an especially
quaint 1969 headline for an interview
with Brown. A 1970 article marvels at
unrestored-Victorian-house prices
jumping from $11,000 to $35,000 on
Capitol Hill — and at how Brown's
restorations in many cases "come out
cleaner than the houses were original-
ly." A '78 meditation on the Victorian
Society in America (Brown founded
the Washington chapter in 1975) boasts
that the members "have been put
down, laughed at, ignored by
style setters and trend-makers who
prefer Danish modern furniture or
Colonial architecture, who find the
18th century utterly admirable and
the 20th century a definitive distilla-
tion, but who find the 19th century
something of a joke . . . . Now Vic-
torian is in."

Brown has since lost count of the
number of times he's lectured around
the country and watched "eyes open-
ing, light bulbs popping" with new-
found Victorian consciousness. (But
he's never forgotten the time he ad-
livered his way through a National
Trust luncheon talk in Kansas City,
Missouri, on Tracy Kidder's House
after the author missed a plane, and
performed so ably that only six of 288
attendees demanded refunds). Still,
in becoming famous for stage
presence, he has never taken on an
overbearing design personality. The
likes of Architectural Digest have
never pursued him. "Our work's too
livable for that," muses longtime of-
fice manager and associate Cindy
Janke. Nor has Brown ever delegated
much; his own fingerprints are always
worn-down battlegrounds and his
tape measure is ever at the ready.
He's renowned for happily crawling
around clients' dustiest corners.

"He wanted to see the basement
first," says Joan Wells, co-owner
of the Queen Victoria Inn in Cape May,
New Jersey. "He shimmied around in
there and said, 'This wall isn't
original, this one is, this isn't,' and
he turned out to be right about every-
thing. He's been such a fountain of
enthusiasm and real help. Clients
not only return to him year after year,
they take his arrangements with them
when they move and recommend his
services to their children. He makes
people happy," says Wilbur Monroe,
a second-generation Brown customer
and veteran of three Brown homes.
"He's able to take the building blocks
one has, eclectic as they may be, and
make them look as if they all came
from the same egg. The Victorian is
certainly a part of him, but it's not a
requirement in his work."

Brown still finds outlets, of
course, for historical-accuracy long-
ings. Among his recent resume high-
lights: Baltimore's circa-1870 Mount
Vernon Place United Methodist
Church (where a 90-foot nave wall

The facade of one of Brown's numerous Washington projects, this one in the
Dupont Circle historic district.

A signature C. Dudley Brown room: Victorian, but not overwhelmingly so, with
some original detail (the fireplace) and some undetectable additions (the mirror).
The owners later took all the furniture with them upon moving to a one-story
ranch house in Florida (Brown helped them drive down).

In place of the Woman's Club's bland green auditorium louver, Brown finished the
walls in trompe-l'oeil marble wainscoting and trellis, stripped the paint from the
huge birch French doors, and refinshed them in an original mahogany hue.

Staircase at the Woman's Club in Rich-
mond, VA, an 1858 mansion that had
been misguided bydecorated for
decades in Georgian style. Brown's
overhaul included refinishign the wal-
nut work, replacing an incorrect
newel post with an elaborate post,
designing a five-light bechierie, install-
ing Pompeian-red carpet and gold-
and-ivory Bradford & Bradford
wallpaper in place of Williamsburg
green paint, and trimming ornamental
alcoves with gilt.
Brown painting bricks on his c.1885 townhouse-office; the original brick surfaces were hopelessly slathered with tar.

I have regained its original painting in faux marbre, with trelliswork disguising pipes, rebuilt windows painted original colors, and further sagging controlled inside by tied-together joints.

TRADITIONAL BUILDING

has retained its original painting in faux ashlar; showhouse rooms depicting a Victorian theater critic's study and a porch set for tea with Queen Victoria; and an 1858 women's club in Richmond, Virginia, where Brown recreated the correct Victorian appearance of all public spaces and enriched a Williamsburg-green 1916 auditorium with swaths of Bradbury & Bradbury Neo-Grec wallpaper.

And then, of course, there's his office on Capitol Hill, which he bought in 1899. More money and effort may never have been lavished on any other two-story five-room structure. The floor joists? They're half-new and all newly tied together, to render the brick exterior incapable of further sags. (Facade problems commenced 70 years ago, when the livery stable next door turned concrete-lined garage and swelled with the weight.) The staircase? A symphony of existing, copied, and retrieved pieces. Interior walls? Intricately fitted with closets, capped with reproduction ceiling medallions, abounding in Bradbury wallpaper and vintage paneling.

And that small circular medalion between the front windows? Why, it's the ultimate symbol of a designer who has accurately foreseen the future since World War II. "It's a wooden lid for a shaving mug," says Brown. "I found it 25 years ago and hung onto it in that box I keep of all kinds of wooden ornament. I liked its shape, and I figured, someday, I'll need it."
Urgent project? Need product info immediately? Just photocopy and fill out the form below. Then FAX it to any of the companies listed.

<table>
<thead>
<tr>
<th>PG.</th>
<th>COMPANY</th>
<th>FAX NO.</th>
<th>PG.</th>
<th>COMPANY</th>
<th>FAX NO.</th>
<th>PG.</th>
<th>COMPANY</th>
<th>FAX NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>67</td>
<td>A.A. Abbeville</td>
<td>(718) 338-2739</td>
<td>54</td>
<td>DMS Studios</td>
<td>(718) 957-2069</td>
<td>59</td>
<td>North Field Restorations</td>
<td>(800) 948-765</td>
</tr>
<tr>
<td>25</td>
<td>Knute</td>
<td>(780) 426-5566</td>
<td>49</td>
<td>Ralston Designs</td>
<td>(303) 552-2042</td>
<td>55</td>
<td>Putnam &amp; Co.</td>
<td>(212) 799-777</td>
</tr>
<tr>
<td>40</td>
<td>Alfred Windows</td>
<td>(617) 539-9883</td>
<td>51</td>
<td>Being Rentonish</td>
<td>(919) 228-8022</td>
<td>62</td>
<td>Polytech Development Corp.</td>
<td>(888) 554-5750</td>
</tr>
<tr>
<td>24</td>
<td>American Canvas Millwork</td>
<td>(813) 888-5245</td>
<td>55</td>
<td>Fischer &amp; Jirousch</td>
<td>(813) 863-0900</td>
<td>64</td>
<td>FAM</td>
<td>(312) 379-7085</td>
</tr>
<tr>
<td>17</td>
<td>Architectural Paracord, Inc.</td>
<td>(800) 278-8414</td>
<td>45</td>
<td>Hardware Plus</td>
<td>(314) 271-9725</td>
<td>66</td>
<td>Hoop Register</td>
<td>(588) 772-5515</td>
</tr>
<tr>
<td>80</td>
<td>Ball and Hall</td>
<td>(513) 485-7859</td>
<td>77</td>
<td>Stonehouse House</td>
<td>(613) 968-0640</td>
<td>71</td>
<td>Your Electric</td>
<td>(312) 621-4876</td>
</tr>
<tr>
<td>66</td>
<td>Beaux Arts Woodcraft</td>
<td>(512) 629-2240</td>
<td>53</td>
<td>Historical Arts and Castings</td>
<td>(501) 276-052</td>
<td>57</td>
<td>Schwenk Mill Co.</td>
<td>(612) 766-2852</td>
</tr>
<tr>
<td>57</td>
<td>Bathroom Machineries</td>
<td>(209) 728-2320</td>
<td>9</td>
<td>Kestrel Mfg.</td>
<td>(213) 285-5666</td>
<td>19</td>
<td>SouthSei.</td>
<td>(800) 694-2224</td>
</tr>
<tr>
<td>17</td>
<td>Big D Meadows</td>
<td>(214) 638-2241</td>
<td>15</td>
<td>Lake Shore Industries</td>
<td>(513) 853-2895</td>
<td>55</td>
<td>Superior and World</td>
<td>(613) 530-4666</td>
</tr>
<tr>
<td>49</td>
<td>Bradley and Bradley</td>
<td>(435) 422-8372</td>
<td>70</td>
<td>Jointless.</td>
<td>(312) 736-2974</td>
<td>67</td>
<td>Sunflower Shower Company</td>
<td>(206) 722-1221</td>
</tr>
<tr>
<td>15</td>
<td>Brickyard</td>
<td>(818) 857-7577</td>
<td>6</td>
<td>Panel and Base</td>
<td>(818) 762-2999</td>
<td>51</td>
<td>Victorian Lighting Works</td>
<td>(818) 564-2010</td>
</tr>
<tr>
<td>55</td>
<td>Caesare Company</td>
<td>(202) 629-3749</td>
<td>45</td>
<td>Magazine Iron Corp</td>
<td>(351) 232-7191</td>
<td>64</td>
<td>Vision Hill Studios</td>
<td>(212) 286-2099</td>
</tr>
<tr>
<td>25</td>
<td>Center Furniture Company</td>
<td>(213) 742-8955</td>
<td>40</td>
<td>Modern Architectural Woods Products</td>
<td>(312) 323-1883</td>
<td>19</td>
<td>Vulcan Supply</td>
<td>(408) 878-1103</td>
</tr>
<tr>
<td>35</td>
<td>Charles Oakey</td>
<td>(815) 376-4992</td>
<td>39</td>
<td>Miller Sheet Metal</td>
<td>(815) 419-2222</td>
<td>45</td>
<td>W.F. Norman</td>
<td>(416) 647-2708</td>
</tr>
<tr>
<td>35</td>
<td>Charles Oakey</td>
<td>(815) 376-4992</td>
<td>39</td>
<td>Miller Sheet Metal</td>
<td>(815) 419-2222</td>
<td>45</td>
<td>W.F. Norman</td>
<td>(416) 647-2708</td>
</tr>
<tr>
<td>40</td>
<td>Custom Cedar</td>
<td>(802) 466-9591</td>
<td>28</td>
<td>Monarch Bathroom Builders</td>
<td>(802) 786-7171</td>
<td>40</td>
<td>Wood Furniture</td>
<td>(713) 865-8724</td>
</tr>
<tr>
<td>70</td>
<td>Copper Castings &amp; Patents</td>
<td>(519) 699-9492</td>
<td>40</td>
<td>Multiple Copper Products</td>
<td>(506) 568-9227</td>
<td>40</td>
<td>Woodchisel Windows &amp; Doors</td>
<td>(502) 722-9529</td>
</tr>
<tr>
<td>45</td>
<td>Cumberland Woodcraft</td>
<td>(717) 843-6402</td>
<td>71</td>
<td>Visible of America</td>
<td>(809) 755-0877</td>
<td>6</td>
<td>Yahoo Mill</td>
<td>(771) 824-6202</td>
</tr>
</tbody>
</table>

TRADITIONAL BUILDING’s FAX CONNECTION

The Fastest Path To Product Information

TO: SALES/MARKETING DEPT. (This urgent request is from a reader responding to your recent advertisement in TRADITIONAL BUILDING."

FROM:

\[\text{Your Name}\]
\[\text{Title}\]
\[\text{Company}\]
\[\text{Address}\]
\[\text{City}\]
\[\text{State}\]
\[\text{Zip}\]
\[\text{Date}\]

\[\text{Telephone}\]
\[\text{FAX}\]
\[\text{Type of Business}\]

\[\text{URGENT NEED. Please call or FAX immediately.}\]
\[\text{Please mail Product Information as soon as possible.}\]

Here’s a brief description of my project and the information I need:

---

\[\text{Division 17 - BOOK REVIEWS}\]

EXQUISITE VICTORIAN DESIGN


This handsome volume, originally published in England, was designed by the author as a primer for individuals who are restoring 19th-century houses. However, the book also is a how-to reference, with a rich and detailed portfolio of some of the most sumptuous interior residential architecture of the 19th century.

For the professional audience, the book provides a wealth of ideas for anyone doing 19th-century restoration — or designing neo-traditional residences. The photographs and accompanying text — insightful commentary on how social and intellectual trends affected the look of Victorian architecture and interiors — is conveniently organized into the various sections of the house that the designer must deal with, e.g., hallways, drawing rooms, dining rooms, kitchens, bathrooms, etc.

The book includes photographs of American houses, but the majority of examples are high-style English. The English photos capture fully developed and elaborated interiors, and as a result are a wonderfully rich source of inspiration, either to adopt as is, or in simplified versions. If you do any Victorian or neo-Victorian interior architecture and/or decoration, this book deserves a place on your reference shelf. — CL

VICTORIAN VISIONARY

CHRISTOPHER DRESSER, by Stuart Durant. Academy Editions; 144 pp.; Hardcover $50; Softcover $35.

Christopher Dresser (1834-1904) was a creative genius who transcended his time. In a period when Ruskin and William Morris were extolling the moral superiority of hand-crafted goods, Dresser embraced — for mass production. A prolific creator with enormous talent and energy, Dresser can be rightfully called the first modern product designer.

Wonderfully inventive and beautiful designs for cast stands, wallpapers, vases, tea sets, linoleum, furniture, glassware, metalware, ceramics, and dozens of other items poured from his studio. The aesthetic quality of the work was maintained at an amazingly high level . . . and was consistently true to Dresser’s design triad of “Truth, Beauty, Power.”

Dresser’s volume, while not encyclopedic, does pro- vide an excellent sampling of Dresser’s protean output. The design is excellently reproduced, almost defy style categorization. Although he embued the vigorous spirit of the late Victorian era, Dresser’s designs transcend “Vic- torian.” His creations draw on Egyptian, Japanese, Classical, Islamic, and other sources for inspiration. But all historical models are filtered through his inventive mind, so that the end result is something fresh, new — and powerful. Even viewed through the tunnel of 100 years, Dresser’s creations still have the ability to astonish. — CL

The Not-So-Humble Brick


It’s hard to imagine anything more plebian than the brick, yet this humble clay object has been used to create some of the world’s great ar- chitecture. Proof of the brick’s inherent potential is dramatically portrayed through rich color photographs in this elegantly produced new volume from Harry Abrams.

The aim of the authors is to show construction excellence in brick and terra cotta all over the world . . . from 1400 BC to the present. Photographs ranging from the zigzagat at Ur to contemporary examples in England and America illustrate the ingenuity of builders through the ages in creating complex forms with simple baked clay blocks. In addition to photos of massive constructions, there are ex- quisite details of chimneys, entryways, windows, corbeling, and other ornamental brick elements. The text gives an extensive history of brick, while a technical appendix reviews the fundamentals of design, specification, and construction in brick. The authors were not in the employ of the Brick Institute of America, but brick manufacturers owe the authors a great debt for such an appealing portrayal of brick construc- tion.

After poring over the photos in this book, anyone who isn’t set with the urge to design a great brick building simply isn’t a builder. — CL
"He had his seat on a wooden chair when they retired, and she loved Victorien."

614. Victorian Gingerbread — Traditional wood or architectural ornamentation as well as new parts, balusters, and trim. Free brochure. Anthony Wood Products.
640. Antique Door Hardware — Also window products, hinges, mortises, Restorers services. Free brochure. Antique Doorknob Co.
We Have The Prescription For Your Renovation Ills

General Store Items
- Tin Ceilings
- Cabinet Hardware
- Lighting
- Push Button Switches
- Window Hardware
- Sinks & Faucets
- Clawfoot Tubs
- Old Kitchen Stoves
- Bath Accessories
- Builders Brass
- Bar Rail
- Weather vanes
- Toilets
- Mirrors
- Showerheads
- High Tank Toilets
- Cotton Shower Curtains
- Door Knockers
- Door Hardware
- Rim Locks
- Mail Boxes
- Pocket Door Pulls
- Dead Bolts
- Cast Iron Hinges
- Shutter Hardware
- Hoosier Hardware
- Door Stops
- Wrought Iron
- Pot Racks
- Glass Shades
- Switch Plates
- Floor Registers
- Cherry Pitters
- Apple Peelers
- Much, Much More...

5' Clawfoot Tub Sale
$699.00*

The Largest Selection of Old Style Hardware in the World!
Thousands of New Items!

Call for FREE Store Catalog
1-800-422-9982

Or Order our new Custom Items Catalogs for $7.00 (refundable with first order). Money Back Guarantee!

The Antique Hardware Store
9730 Easton Road, Route 611 • Kintnersville, PA 18930

* Call for details/while supplies last!
SHOWROOM & MUSEUM — The Museum adjacent to our manufacturing facility in Exton, Pa., contains an extensive collection of original antique hardware gathered over the last 50 years. It’s quite an education in itself and, if requested, any item in our Museum Collection can be duplicated. The Museum is open 8:00-4:30 weekdays.

OUR GUARANTEE — Stated simply, we expect our products to work — stock items as well as custom work and repairs. If they don’t, return them, and we’ll make it right. We won’t charge for anything that has not been forced beyond reasonable limits. (We reserve the right to charge for repair or replacement costs for items damaged through no fault of ours.)

Send For Our Catalog
THE FREE MINI-CATALOG — For an introduction to the complete Ball & Ball line, write, call or FAX to get our free Mini-Catalog. Or you can write in No. 293 on the Reader Service Card.

You can also write for our new Catalog of Lighting Fixtures from the 18th, 19th, and 20th Century. Or write in No. 766 on the Reader Service Card.

THE BIG 108-pg. CATALOG — Our lavishly illustrated full Catalog not only shows hundreds of our hardware and lighting products, but also provides many tips that will help you spot quality differences in reproduction hardware. Send $5 for the full Catalog. Even our 108-pg. Catalog can’t show every one of our 2,000 standard products. So if you’re looking for something rare or unusual, call or FAX us.

America’s Highest Quality Reproduction
Historic Hardware & Lighting
Specify the hardware and fixtures that are used in the finest restorations in North America.

MADE IN THE U.S.A. — Unlike much “traditional” hardware being sold today, Ball & Ball hardware is American-made. Nearly 100% of the items sold by Ball & Ball are made by the 40 experienced craftsmen in our own shop. (The few items made by other manufacturers are carefully noted.) Our exacting standards are the highest in the industry for historical accuracy, quality of materials, and workmanship.

OUR FAMILY NAME’S AT STAKE — Three generations of the Ball family are actively involved in the company. It’s our name stamped on the metal — so we make sure everything is done at the highest quality level.

COPIES & REPAIRS — We can repair or copy almost any hardware item. Send sample or detailed working drawing for a quotation. All packages will be acknowledged, and requested work will be quoted in advance.

SHOWROOM & MUSEUM — The Museum adjacent to our manufacturing facility in Exton, Pa., contains an extensive collection of original antique hardware gathered over the last 50 years. It’s quite an education in itself and, if requested, any item in our Museum Collection can be duplicated. The Museum is open 8:00-4:30 weekdays.

OUR GUARANTEE — Stated simply, we expect our products to work — stock items as well as custom work and repairs. If they don’t, return them, and we’ll make it right. We won’t charge for anything that has not been forced beyond reasonable limits. (We reserve the right to charge for repair or replacement costs for items damaged through no fault of ours.)

Hinges

Ball & Ball offers the most extensive selection of historic reproduction hinges — from hand-forged iron strap hinges of the 1700’s, to cast iron and bronze hinges of the 1800’s, to early 20th-century models — such as an Art Deco 1910 Cast Brass Hinge @. This lift-off hinge (1-1/4" x 2-1/2" wide-open) is an exact copy of an original, which has the finish as an integral part of the hinge joint. Available right-hand or left-hand.

The V53 Victorian Decorative Cast Hinge & comes in brass or bronze. It’s a loose-pin design with threaded finials, cast directly from a fine original, and measures 4-1/2" x 4-1/2".

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

Lighting

Ball & Ball offers the finest reproduction lighting fixtures, from Colonial through the early 20th Century. All brass is solid — not plated — and glass used is hand-blown lead crystal. Pure copper, tin, and iron are used for fixtures that require these metals.

The 18th-century Dana House pumpkin-shaped lamp @ is from Woodstock, VT. Hall lighting fixture @ was made in the early 20th century for the U.S. Capitol. Made of cast brass, spun brass, and fluted brass tubing, it features etched glass on all 6 sides and bottom — and measures 19" across.