Cedar "Thatch"

See a house transform before your very eyes! C & H Roofing, in Sioux Falls, South Dakota, has re-invented the process for creating the undulating free-form cedar shingle "thatch" look that was popular in the 1920s. Most of those original English Cottage roofs have been replaced with plain-lane asphalt shingles — but the materials and techniques for recreating them are now available to any roofing contractor. Besides doing complete installations itself, C & H will sell kits to other contractors: pre-bent cedar shingles (both gable- and shakes-bent), pre-assembled facia boards, a detailed framing manual, and even a video. Understanding that modern builders don't have the time and experience to work on this style of roof, C & H has framing components that allow a conventional roof to accept its molded shingles. Also available are components for "eyebrow" dormers and changing roof levels. The thatch butt shingles have a pre-cut, angled butt-line which allows them to be laid in varying degrees of exposure.

continued on page 22

Exterior Lighting SourceList

PAGES 11 & 12
AIA’s Vision 2000: Rehabilitation Work Will Increase... If There Are Enough Skilled Craftsmen

This month we’re turning our Perspective column over to Ted Pappas, president of the American Institute of Architects. Pappas has been spearheading “Vision 2000,” the AIA’s ongoing program to assess the future of architecture in the 21st century. These remarks, condensed from a talk given at the 42nd annual meeting of the National Trust, contain fascinating insights into the kind of workforce we’re going to need in the 1990’s. And compare those needs with the problems faced today by a company trying to recruit skilled metalworkers (see story on the opposite page). — CL

by Ted Pappas, FAIA

While architectural preservation is not AIA’s prime mission, it remains an abiding concern of both the Institute and individual architects. We have just obtained a fascinating glimpse of the future of preservation as part of the program we call “Vision 2000.”

The American Institute of Architects created the Vision 2000 program as a way to look at the future of our profession. Our goal was to examine trends in society that will influence the built environment. The Vision 2000 program assembles information in a variety of ways, including conferences, workshops, focus groups, consultant services, and independent research.

From the very first step of the Vision 2000 process, preservation and restoration emerged as powerful influences in American culture, along with such forces as changing demographics and the globalization of the economy.

early 20th century termed The Era of Rebuilding. We can prize the 1990’s as Of Rebuilding."

"The message is inescapable: Americans want preservation. And architects and the entire design and construction industry must be prepared to meet that demand with skill and sensitivity." — Ted Pappas

trend, after the "urbanization of suburbia." Our survey participants also pinpointed several implications of these trends. They include:
• Rehabilitation of existing buildings will outpace new construction.
• Older neighborhoods will grow in importance and desirability.
• The continuing deterioration of our roads, bridges, airports, and public buildings will increasingly impede new construction.
• We will need a highly skilled workforce to perform the kind of rehabilitations that the public will demand.

Armed with information about these and other trends, the AIA moved to the 3rd step in Vision 2000: We convened a conference called "The Challenge of Change." More than 300 educators, members of collateral organizations, architects and students gathered to share visions of the future. After two days of discussion and debate, our conference ranked 14 issues that architects had best prepare for. Leading the list were these two issues:
#1. Computer-aided design and engineering.
#2. Growing public support for preserving America’s architectural heritage.

No matter how you slice it, it’s clear that Americans want more architectural preservation. Architects and the entire design and construction industry must be prepared to meet that demand with skill and sensitivity.

letters

Dear Editor,

Thank you for the favorable comments given our products on page 6 of the November/December issue.

We were disappointed, however, that the pricing was in error. Please inform your readers of the correct prices, as follows: the toaster is $189; the scale, $129 and the towel dispenser, $119.

Thank you for clearing this up.

Ben Crocker
P.O. Box 86, Jr, Morton, Ill.

Dear Editor,

I love Traditional Building! But how do I keep it? All the other large-format periodicals I subscribe to either get caught in the recycled newspaper pile or are impossible to reference because they sit folded up in a stack of other reading material. Help!

Deb Sachs, AIA
San Francisco, Calif.

Glad you asked: we were wrestling with that same problem here at corporate headquarters. Quill Corporation makes an excellent data binder (the kind used to store computer printouts) — catalog #24711211 — that, with the help of a hole puncher, does the trick. Call them at (east of the Rockies) 312-634-4800 or (west of the Rockies) 714-989-5280. — Ed.

Dear Editor,

Thank you for a great publication. The quality of the editorial content was very refreshing. The special section on "Historical Door & Window Hardware was of particular interest to us as distributors of builders' hardware. Keep up the good work; success is imminent.

Anthony Calistro
J.E. Supply Co., Inc.
Waterbury, Conn.

In This Issue

Historical Products...4
Special Report: Exterior Lighting...7
Product Literature...21
Architectural...22
Siegel's Scratchboard...23
Editorial Index...23
Advertiser Index...23

T R A D I T I O N A L B U I L D I N G

Historical Products For Today's Professional
189 Berkeley Place
Brooklyn, NY 11217
(212) 460-0788

Editor & Publisher: Clem Labine
Managing Editor: Judith Siegel Lief
Contributing Editor: Eve Kahn
Art Director: Judith Siegel Lief
Advertising Manager: Susan Littman
Circulation: Tara Bigelow
Data Security: Magnolia Shepherd

A Note To Contributors: TRADITIONAL BUILDING is not responsible for the return of unsolicited manuscripts, illustrations or materials sent for consideration. Please see "Contributors' Notes." All communications should be addressed to the Editor.

TRADITIONAL BUILDING is published monthly by Traditional Building Corp., 189 Berkeley Place, Brooklyn, NY 11217. Telephone: 718-664-7086. Subscription rates to professionals in architecture, contractors and building advertisers and preservationists in the U.S. and possessions of the U.S. are $19.95 per year. Subscription rates to all others are $24.95 per year. Single copies: $1.95. Copyright © 1989 by Traditional Building Corp. All rights reserved. Contents of Traditional Building are fully protected by copyright and must not be reproduced in any manner whatsoever without written permission of the publisher. 

© Copyright 1989 by Historical Trends Corporation. All rights reserved.
What do you do for an encore after winning international acclaim for recreating the torch and flame of the Statue Of Liberty? That was the scale model that Jean Wiart of Les Metalliers Champenois — also known by the less formidable name of LMC Corp. — designed and built to win the contract.

Wiart’s answer: become one of the leading architectural metalworking companies in the U.S., specializing in custom-forming metal by the age-old process of beating it into shape with hammers and other traditional hand tools.

LMC is the U.S. subsidiary of a French company of metalworkers. It has been operating in the U.S. since 1984, when it was selected over 24 other firms for the contract to build the new torch and flame of the Statue of Liberty. LMC is very proud that the Statue of Liberty project was completed on time and within budget.

Although the firm is capable of producing monumental architectural elements (like three 6-ft. classical copper urns decorated with acanthus leaves), it also works on smaller bread-and-butter projects such as hand-wrought grilles, gates, and stair railings — both classic and contemporary. LMC’s craftsmen are skilled with iron, steel, copper, brass, and bronze and have developed proprietary and patinating processes.

One of LMC’s more spectacular recent projects was recreating copper shingles for the dome of Brooklyn Borough Hall as part of a multimillion-dollar restoration of the 1857 classically styled structure. All the original copper shingles had long since disappeared, and a tentative decision had been made to re-sheath the dome using cast aluminum. LMC was consulted to see if it would be economically feasible to reproduce the original copper shingles. Ten days later, LMC delivered to the architects (Conklin Rossant) a sample of handmade patinated copper shingle and convinced everyone that copper shingles would best meet both the aesthetic and practical goals of the restoration program.

After receiving the contract, LMC built a full-scale, 13-ft.-high model of a quarter-section of the dome, framed in wood and covered with plaster. This was used for establishing the shape of each of the 14 rows of shingles. The dome is separated by eight vertical ribs; each rib is covered with additional copper shingles.

With clay models, LMC craftsmen sculpted the 14 different master shingle models — ranging in size from about 4' x 8' to 12' x 30' — and submitted them for the architects’ approval.

Using the repoussé technique, craftsmen shaped each of 14 master shingles in copper. (Repoussé creates a relief pattern by beating the underside of metal with a hammer.) Subsequent shingles were mechanically pressed in special molds and hand-finished to assure correspondence with the master. Each shingle was then numbered and given several coats of a special patinating solution to impart a natural-looking verdigris finish.

The shingles were affixed to the dome using a system of copper clips — a procedure that had been carefully worked out on the full-scale model at the shop in Paterson, N.J.

Jean Wiart, General Manager of LMC, is no desk-bound manager. In fact, he’s more of a Renaissance man. A skilled metalworker, he’s apt to take a hammer in hand and, with a few deft blows, show an apprentice how the job should be done. But he also bids all LMC’s jobs and gets intimately involved with design, spending many hours at his drawing board. On top of all this, he handles all the administrative details of running the shop, and hiring and training his metalworkers. LMC usually has 6-12 craftsmen on staff — depending on its workload.

Almost all of LMC’s metalsmiths have been trained in France. According to Wiart, he is making every effort to hire and train American workers, which is good news, given the projection of an increased need for skilled artisans. See “Perspective,” opposite.

Jean Wiart can be reached at: LMC Corporation, 118 Second Avenue, Paterson, New Jersey 07514. (201) 279-3573.

A 13-ft.-high full-scale quarter-section model of the Borough Hall dome was a vital tool in shaping each of the 14 rows of shingles, and in working out the system of copper clips to hold the shingles in place.

The restored dome of Brooklyn Borough Hall rests securely under its helmet of 650 new handmade patinated copper shingles.
Factory "Museum" Still Makes Shutters

By all rights, it should be a museum. But it’s still at work, cranking out louvered shutters. Beech River Mill Co., Centre Osippee, N.H., uses 19th-century water-powered equipment for making its shutters. One advantage of this old equipment: it’s easily adapted to custom runs.

Pictured here is the Panel-Top Shutter (Model W8201). The standard specs are: 1-3/4" stiles, 2-3/8" top and bottom rails, and 3-1/2" cross rail. The measurements are almost irrelevant, however, because Beech River can set up its machinery to accommodate any dimension. What is also special about this shutter is that any design can be cut in the top panel — either one of the firm’s standards, or your unique decoration.

Beech River Mill makes shuttered (movable or fixed) or panelled shutters and doors, cabinet doors, room dividers, and louvered vents for houses and even yachts! Most products are clear dry pine, but they also work with cherry, mahogany, cypress, oak, and ash. The catalog has an elaborate estimate form so you can order a product specific to your design.

Send S$ for catalog to: Greg Doleis, Beech River Mill Co., Old Route 16, Dept. TB, Centre Osippee, NH 03814 (603) 539-2636. CSH# 06470 — JL.

Treasure House of 19th-Century English Fabrics and Papers

Christopher Hyland is a man who loves Victorian design. But he’s quick to point out that he’s not devoted to historicism for its own sake. Rather, he loves the richness of pattern and palette that many Victorian papers and fabrics offer to today’s designer, both for period restorations and free adaptation in new traditional buildings. Hyland has just opened a New York showroom and has lined up an impressive array of English suppliers of 19th-century papers and textiles — both historic documents and interpretations.

He is the exclusive distributor for Putnam, Timney-Fowler, Newbery, and Watts & Co. Putnam produces cotton fabrics based on 19th-century blue-and-white china patterns. Timney-Fowler’s black-and-white fabrics are inspired by medieval, classical, and Victorian sources. Newbery makes fine threadings and tassels that are less expensive than comparable products from Scalamandre. Watts & Co., founded in 1874, still produces lush, elegant 19th-century designs for wallpapers and fabrics, including exquisite original patterns by Pugin.

Wallpaper prices range from $40/roll for silk-screened versions of Watts papers to $300/roll for papers produced from the original wood blocks. Fabrics can cost as little as $15/yard. Free brochures describing some of the lines are available, and sample books can be purchased. Christopher Hyland, 977 3rd Ave., Suite 1708 Dept. TB, New York, NY 10022 (212) 688-6121. CSH# 09950 — CI.

THE TINIEST MOISTURE VENTS

Every living system needs to breathe, and buildings are no exception. Circulating air keeps paint from peeling, siding from rotting, and basements from mildewing. The least obtrusive way to ventilate is to install tiny vents.

The tiniest we’ve seen come from the Midget Louver Company, in business for 40 years. None of their products is larger than six inches in diameter; the smallest, (shown above) known as “midget thimble louvers,” come in quarter-inch-wide models (they can be pushed into a pre-drilled hole with the eraser end of a pencil). There are nine styles available: with or without screens, with or without vents that open and close. Custom finishes can be applied for an extra charge, such as anodizing, baked white enamel, or chrome plating. Prices range from $3.25 per 100 for the thimble louvers to $49.08 per dozen for six-inch louvers with vent control.

Catalog is free from: Midget Louver Co., 800 Main Ave., Dept. TB, Norwalk, CT 06851 (203) 866-2342. CSH# 15880 — EMK

RIP ‘N STRIP

Anyone who works on old buildings knows that the messiest, most dangerous, and time-consuming task of all is stripping paint. And most of the “like-magic” products either don’t work, or have nasty side effects like raised grain and discolored wood.

We’ve heard hearty recommendations for a new product from Diedrich Chemicals called Rip-Strip. Left on for 24 to 48 hours, it turns accumulated paint into a solid lump that can be chipped off or, if misted with water, peeled from the wood. It is unlikely to damage the wood surface because its caustic formula includes liquid vinyl, which forms a skin around the lump of paint.

The product comes in 2- or 5-gal. plastic pails, for $14.50 per gallon. It is available through distributors only — and definitely is not a product for amateurs. It is extremely caustic, and while it emits minimal fumes, workers using it should be fully covered and masked to guard against splashes.

The company’s free product literature includes full safety precautions. For more information, contact: Diedrich Chemicals, 7373 South 6th St., Dept. TB, Oak Creek, WI 53154 (800) 323-3565. CSH# 09900 — EMK

VALANCES FROM THE PAST

Beverly Hafemeister, proprietor of Vintage Valances, studies the methods of 19th-century drapers in order to create intricate, historically accurate window dressings.

“Back then they cut draperies to fall into place properly. Today they cut draperies for the convenience of the workroom.”

Her $12 catalog comes with fabric swatches and shows the window treatments of various eras that she can replicate. But she welcomes more unusual orders. ‘People see the catalog and think that’s all there is. I wish I got more weird requests: time and materials are the things that cost money, no matter what the style.”

In particular she wants to tackle window dressings from the 20th century. “If people saw more of those around, they wouldn’t feel they have to Victorianize everything. There are so many other possibilities.”

She will research fabrics and designs for customers, who include museums and designers. Free brochure. Vintage Valances, Box 43326-TB, Cincinnati, OH 45243 (513) 561-8665. CSH# 12500 — EMK

4 JANUARY/FEBRUARY 1989
TIN CEILINGS
- Originals 2'3" x 8'6" size
- Several patterns now available in 2'3" x 4'11" size
- Vertical paneling styles
- Fast and easy installation
- Ship anywhere

Brochure available! Send $1 for postage & handling.
A A ABINGDON AFFILIATES, INC.
Dept. 1B, 2149 Union Ave.
Brooklyn, NY 11234
(718) 238-8333

Circle No. 1

VICTORIAN WALLPAPERS
- Available Directly from our Studio by Mail Order.
- In-house Design Service.
- Color Catalog with Binder: $8.00

BRADBURY & BRADBURY
WALLPAPERS
PO. BOX 155-1, BENICIA, CA. 94510
(707) 746-1900

Circle No. 12

This Tank Keeps Its Lid On
You’ve seen high-tank toilets before, but Barclay’s Victoria II Suite is a classic with a couple of features that make it unique. For one thing, the tank is fully glazed — that means underneath, as well. Second, the tank is lidded, which makes for less noisy flushing (also prevents splashing). All the hardware is polished brass. This water closet retails for $785 (the oak seat is an additional $65.)

Pictured with the closet is the Victoria Pedestal Lavatory, which features a non-splash rim and concealed overflow. It has 8" centers, is 25½" wide, 20½" deep, and 34½" high. It's available in white for $450 and in bone and silver for $540 (retail prices). The Anglais faucet has a washerless ceramic disc cartridge (which doesn’t wear out) and a forged brass body with a pop-up drain plug. It lists for $340.

For more information, contact: Barclay Products Ltd., 424 North Oakley Blvd., Dept. T8, Chicago, IL 60612 (312) 243-1444. CS# 15400 — JI.

Improving on the Originals
Ellen Kardell has improved the typical stained-glass window of the turn of the century. "Builders used to pick 'window A' from a catalog and stick it in all their houses," the way we do with refrigerators. I'm trying to create something that's a level above that." Her stock windows, based on Aesthetic, Classical Revival, and Renaissance Revival patterns, differ from the originals in two ways: their designs are more intricate, and they include hand-blown European glass that was prohibitively expensive in the 19th century.

"I can use American glass if someone wants an authentic piece, but I don't think it's as pretty." There are 28 styles in all, ranging from $290 to $1260 (4 color combinations available.) There's also a line of cabinet panels, $87 to $296 each (min.: 4). She will do custom work.

Send $3.50 for catalog to: The Kardell Studio, 904 Westminster St. N.W., Dept. T8, Washington, DC 20001 (202) 462-4433. CS# 08800 — EMJ.
special report

EXTERIOR HISTORICAL LIGHTING

BY MARYANN ONDOVSUK

Our Special Report in the November/December issue concentrated on lighting fixtures for historic interiors. This time around, we’re focusing on the exterior — including wall-mounted fixtures, freestanding street-lights, and street furniture.

Today, there’s a wonderful variety of period-style exterior fixtures to choose from. Even manufacturers who specialize in high-tech contemporary lighting usually offer a small “historical” or “nostalgia” line. Unfortunately, some of these products are part of the same trend to hokey nostalgia that brought us “Ye Olde Fashioned” shopping malls and plastic mansard roofs.

On the other hand, there are some superb authentic fixture manufacturers available. The most interesting are the “product survivals” that aren’t reproductions at all, but rather old-time products still being made by the original company on the original production equipment.

Selecting specific fixtures can be difficult, since it’s less an aesthetic decision (you can get similar-looking fixtures from many suppliers) than a technical one, based on materials and construction. For example, it’s imperative to read specs carefully, especially the measurements. Although two light fixtures may look identical in a color photograph, one may be cheaper because it’s a scaled-down version, or the castings may be considerably thinner.

Materials Matter

Materials differ, too, and the best material depends on the situation. A condo complex for the elderly will not be as vulnerable to vandalism as a city playground. And streetlights installed along a quiet pedestrian walkway need not be as sturdy as lights that may have to face the impact of a speeding car. Even climate enters into the equation, as does weight, cost, and ease of installation.

FIBERGLASS: This material is lightweight, inexpensive, and can be painted to resemble cast iron or stone. It can be made into light posts that may be fine for use on private property.

But fiberglass can be impractical in public installations. Fiberglass light poles are not fireproof. “And they just don’t last as long,” says Morton Kanter, vice president of Spring City Electrical Mfg. Co. “They are subject to vandalism and abrasion. If you’ve ever seen a kid go at one with a pocket knife, you’d know what I mean.”

ALUMINUM: Because aluminum lights and poles are lighter than iron and steel equivalents, they are cheaper to ship and easier to install. “You don’t need a large crew and they seldom require a crane,” says Bruce Haines, president of Sternberg Lanterns. “The material is used a lot by railroads.” These “are not designed to be painted any color — in the factory, not necessarily in the field — and a paint job lasts 5-10 years.”

There is a negative side, however. “One problem with aluminum is electrolytic action,” Kanter warns. “When salt hits aluminum, it produces a chemical reaction that corrodes the metal. Aluminum also transmits more vibration than cast iron, which can result in loosened fasteners and shorter life of the luminaires.” Aluminum, however, can be fine in areas kept clean and away from salt, wind, vibration, and sea coast environments.

CAST CONCRETE: Even toped with a period light fixture, a concrete pole does not look quite as historic” as other materials. But there are advantages, starting with maintenance. Manufacturers claim the concrete surface is self-cleaning, won’t discolored by age, nor require painting. And concrete is not subject to electrolytic action from deicing salt or corrosive atmosphere. The rigid construction prevents wind sway. Although some concrete poles seem a bit boxy, new polymer-concrete technology can now duplicate most of the detail of historic cast iron designs.

CAST IRON: This material is probably the favorite for historic lighting fixtures since it’s the material used a century ago. There are a number of advantages, starting with the aesthetics and the ability to do very fine decorative casting. It’s still popular for fences, benches, fountains, and decorative planters. A cast iron light pole is strong, imperious to most vandalism, and resistant to vibration and corrosion.

On the negative side, cast iron is brittle and will shatter if hit with enough impact. And its weight can be both a positive and negative factor. Some manufacturers lend strength and vibration dampening, but may dictate the use of a crane for its installation.

Construction Details

ONE PIECE vs. COMPONENTS: Casting a light pole in one piece is obviously more authentic. Companies like Union Metal have been producing them from the same molds since the early 1900’s. So, as Union’s Ron Martino points out, “That guarantees that these fixtures are not scaled down replicas.

They are the real thing.” One piece construction can be stronger, and avoids the flaws in assembly that can occur when components are put together in the field.

On the other hand, when a solid pole is cracked, the whole unit is trash. Component fixtures, made of replaceable parts, can be repaired. “When our poles are hit, the anchor bolts will probably shear off and the whole thing will come down in six pieces,” says George D. Strom, president of Lamplight Industries. The damaged segment can then be replaced. Most municipalities keep an inventory of items they need to mix and match. A component fixture can also be easier to install. Although the total weight can be considerable, the fixture can be installed (or segments replaced) by one person with a pickax.

GLASS vs. PLASTIC GLOBS: Glass, obviously, is the most authentic. It’s also the most breakable. “We still supply glass globes but don’t recommend them,” Strom says. “Unless it’s a storybook town — without a vandalism problem — they just don’t last.”

The alternative is plastic, usually Lexan polycarbonate. The disadvantage is a degree of ultraviolet deterioration that will change the color over a period of 5-6 years. But most municipalities would rather change discolored plastic every few years than replace glass constantly.

As if all this weren’t enough, specifiers should also look into the wiring (and type of installation required). Is there an access door to reach the wiring? If corrosion is a problem, are the anchor bolts inside the base to protect them from exposure?

On UL Listings

The question of UL listing for exterior lighting is complex, which is why you won’t find neat checkoff boxes on the Source List.

To begin with, the suppliers listed here aren’t easy to categorize. Some make only the lights — you buy your own poles. Some make only the poles — you buy your own lights. Some make both poles and lights. Others make one but sell the other for a complete package.

Obviously, companies that make only poles don’t need a UL listing. Others claim that “some” or “most” of their fixtures are UL approved. And some small manufacturers that do a lot of hand assembly find they can’t afford all the testing fees that UL certification requires.

The majority of companies point out that while all their wiring and components are UL approved, the completed fixture (especially if it’s assembled on site) is not. If UL listing is critical because of your local codes, read the fine print in the product literature or call the manufacturer.

Who’s In This Special Report

There are two dozen lighting companies included in the SourceList on pp. 11 & 12. Our selection was based on: (1) appropriateness of design; (2) the company’s reputation for product quality, and (3) availability of helpful product literature.

Some of these listed companies are advertisers in TRADITIONAL BUILDING — many are not. Even though we dearly love our advertisers, whether a company advertised or not had no bearing on its selection for the top 24.

The companies listed as Additional Suppliers on page 19 may be perfectly satisfactory vendors. Some of them offer fine products, but in a limited range of styles. In other cases, simply couldn’t get enough information to do a proper evaluation.

To Contact These Companies

Virtually all these suppliers provide product literature, ranging from a simple brochure to a hernia-inducing catalog. As explained in the SourceList, some literature is free. Other companies charge. And some send out a free brochure and then charge for a full catalog.

If your need for information is immediate, call or write these companies directly. We’ve provided all the contact information on the SourceList. (Please mention TRADITIONAL BUILDING.) And please note that when writing for free literature, the request should be on your company letterhead.

If you need catalogs simply to update your files, it may be more convenient to use the enclosed Product Information Card, or the coupon on page 21.

Coming Next: Historical Millwork

TRADITIONAL BUILDING
DOES THE WORD POLYSTYRENE MAKE YOU SHudder?

Don't compromise authenticity.

Using clear, old growth western red cedar, Vixen Hill crafts a shutter that out-performs pine and plastic in looks and life. Joints are mortise and tenon with teak locking pins. Both panels and louvers are of generous dimensions ensuring lasting beauty for generations.

For a detailed brochure featuring our 5 traditional styles in both standard and custom sizes contact:

Vixen Hill Mfg., Main Street Elverson, Pennsylvania 19520 Telephone (215) 286-0909

The Vixen Hill Cedar Shutter
The very last shutter you will ever need.

Circle No. 123

Push Button Light Switches
In Single and Three Way Solid Brass Cover Plates Decorative and Plain Also In
- Chrome
- Brown
- Ivory
- Finishes

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

Circle No. 75

ALUMINUM CAST IN MANY VERSIONS

Pinecrest is best known for its specialty doors and decorative windows, but it also offers a line of street lights called The Nostalgia Collection. All are made of cast aluminum and can be ordered in black, dark green, chocolate brown, red, and antique beige. Most stem and crown designs are interchangeable.

The quad fixture shown below is a combination of the L-62 stem and CR-13 crown. The stem is available in 6-ft. to 10-ft. sizes and requires 4 globes with 4" necks. Ladder rests are available for most styles at extra charge.

Pinecrest also has a custom casting division that will exactly duplicate existing lighting fixtures.

Lighting catalog free from: Pinecrest, 2118 Blaisdell Ave., Dept. TB, Minneapolis, MN 55404 (612) 871-7071.

A Craftsmanlike Approach

There is a notable lack of exterior Arts & Crafts-style fixtures, but Arroyo Craftsman specializes in them. This remarkable collection includes wall-mounted, post-mounted, and hanging fixtures. And while they are designed for outdoor use, many would also look handsome indoors.

The designs are all original, but take their inspiration from the Arts & Crafts Movement. Their elegant simplicity would work well with many architectural styles, from Spanish adobe and California bungalow to American Foursquare and other traditional settings.

All fixtures are solid brass, individually assembled and finished, with a verdigris patina. This example (MB12FP), called The Monterey, is a wall-mounted lantern with a 4" x 8" backplate. The body is 9 3/4" high, 5" wide, with a 12" roof width. The lantern has pine needle filagree and, including backplate, lists for $557. The lantern can also hang; identified as MO12FP) with 12" of 1" chain and a mounting bracket, it lists for $520.

For more information about Arroyo Craftsman, see pullout SourceList in this section. — MO

Custom Copper Work

It started as a hobby. Derek G. Ward began making decorative copper lanterns in his spare time. That avocation grew into a full-fledged business, and Ward Industries now produces an entire range of solid copper fixtures, including many large post-mounted exterior lanterns. But since the company is oriented to handwork, Ward Industries is also open to custom business and, in fact, has produced some mammoth fixtures that are not available off the shelf.

"Everything here is solid copper, 99.9% pure, which will last over 100 years," Ward says. "The Statue of Liberty, which is copper, just needed cleaning up after a century — not replacement." And for greater strength, all joints in Ward's lanterns are lapped, not butted.

The firm offers several variations on its Chelsea design. This one, Chelsea 21-12, is a wall-mounted sconce that's available as shown for $223 (including trade discount)—that includes 6 brass hood corners and a cast aluminum tail piece. Without those optional details, the lantern costs $196 (including discount).

For more information about Ward Industries, see pullout SourceList in this section. — MO
MADE
BY HAND
TO YOUR SPECS

In an era of mass production, it's nice to find that true handcrafted lighting fixtures exist. "All these fixtures are cut, formed, soldered, and finished by hand, so no two are exactly alike," says Karen Thompson, CEO of Josiah R. Coppersmythe. "And we're happy to modify our styles and quote prices on fixtures of your own design.

Crafted in New England, these 17th- and 18th-century designs are made of solid brass or copper (no plating is used); pewter-finish fixtures are manufactured from galvanized steel. All designs are available in natural brass or copper finishes, antique brass or copper, verdigris, or pewter.

Shown here is The Haverhill (1024P), 11" x 11" x 25", which sells for $130-$140, depending on finish. Although this lantern is shown post-mounted, posts are not included; the Haverhill also comes in a hanging style.

For more information about Josiah R. Coppersmythe, see pullout SourceList in this section. — MO

Double Standard

If one historic luminaire is good, two must be better. Lampco offers this design as a standard single and as a wall-mounted unit, as well as this standard double. It comes with base ring, bell, lower casting, and pole. The fluted aluminum poles are made with a cast iron base and are reinforced with three full-length rods. You can choose from a variety of standard painted finishes, unfinished aluminum alloy, or cast bronze, with Pebble glass or Lexan plastic in the luminaire.

For more information about Lampco, Inc., see pullout SourceList in this section. — MO

TRIPLE HEADER

The one-up/two-down configuration of this fixture is reminiscent of the turn-of-the-century interior fixtures that used both gas and electricity. This exterior fixture is all electricity, of course, but it's an interesting arrangement after all those "balloon" designs. This illustration shows the curved arms from Western Lighting. Actual arm measurements are 18' and 28' w, plus the measurement of the globes. Arms are aluminum; globes are white polycarbonate.

For more information on Western Lighting Standards, see pullout SourceList in this section. — MO
BRIDGE TO THE PAST

Thomas Edison invented the electric light in 1879—only a few years before the Brooklyn Bridge was opened in 1883. This beautiful suspension bridge, which connects the boroughs of Brooklyn and Manhattan, was the first bridge to be electrically illuminated.

Naturally, those lights were eventually replaced with new and "improved" versions. But for the 1983 celebration of the Brooklyn Bridge centennial, the city wanted replicas of the originals and turned to Spring City Electrical Mfg. Co.

"We found sketches of the original in the archives of Con Edison," says Spring City V.P. Morton Kanter. "We also found a lithograph of President Chester A. Arthur leading a parade across the bridge, clearly showing the original fixtures."

This new Brooklyn fixture was reproduced from those drawings and is 10 ft. high (excluding luminaire) on a 16' x 22" base. Originally, carbon lights had been used, which accounts for the chimney on the luminaire. The handgrips on the post served as steps so the carbon electrodes could be replaced and the globe cleaned.

Like all Spring City fixtures, this is cast from heavy-duty cast iron and is finished with a primer. It should be finished with two coats of paint after installation.

In addition to the Brooklyn Bridge Post, Spring City carries a full line of traditional lighting posts, post adaptations (parking meter brackets, special arms for signs, fixture brackets, support for clocks, banner arms), drinking fountains, ornamental columns for handstands, and several styles of bollards that can be used alone or with posts of the same name and design.

For more information about Spring City, see pullout Source List in this section. — MO
<table>
<thead>
<tr>
<th>Company</th>
<th>Specialty</th>
<th>Literature</th>
<th>Lanterns &amp; Wall-Mounted Fixtures</th>
<th>Complete Street Lights</th>
<th>Poles Only</th>
<th>STYLES AVAILABLE</th>
<th>Garden Lights</th>
<th>Street Furniture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Niland Company</td>
<td>Large variety of cast-aluminum poles topped with many kinds of luminaires, mix &amp; match. Also, extensive collection of sconces, &amp; street furnishings including benches, fountains, &amp; urns.</td>
<td>Catalog free with letterhead request. Circle No. 103</td>
<td></td>
<td>x</td>
<td>x</td>
<td>Early American</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otto Weis &amp; Co.</td>
<td>Extensive range of historical products reproduced in cast aluminum, including light posts &amp; luminaires, benches, hitching posts, fountains, urns &amp; Canoas.</td>
<td>Send $1 for catalog.</td>
<td></td>
<td>x</td>
<td></td>
<td>Victorian</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sentry Electric Corporation</td>
<td>Offers a variety of poles in both cast iron &amp; aluminum, plus selection of luminaires, including art deco styles.</td>
<td>Catalog free with letterhead request. Circle No. 102</td>
<td></td>
<td>x</td>
<td></td>
<td>Turn of Century</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring City Electrical</td>
<td>Produces high-end cast iron light poles, but sells complete fixture, astounding range of styles &amp; periods, plus sign poles, clock supports, &amp; bollards.</td>
<td>Catalog free with letterhead request. Circle No. 103</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sternberg Lanthems Inc.</td>
<td>Specialty's historic streetlights &amp; offers a large variety of styles: varied luminaires on aluminum poles, plus matching wall-mounted fixtures &amp; bollards.</td>
<td>Catalog free with letterhead request. Circle No. 104</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trimble House</td>
<td>Offers a full variety of aluminum poles, bases, accessories &amp; luminaires. Mix &amp; match for a custom look.</td>
<td>Catalog free with letterhead request. Circle No. 106</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Union Metal Corp.</td>
<td>Although luminaires are available, Union Metal specializes in cast iron poles, made from the same mold &amp; being round since 1946. Also small selection of concrete poles.</td>
<td>Catalog free with letterhead request. Circle No. 106</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VSISCO</td>
<td>Valley Iron &amp; Steel Company (VSISCO) produces high-quality poles &amp; luminaires in the traditional design. Also available are budding fountains, traffic &amp; pedestrian signals &amp; parking meter bases.</td>
<td>Catalog free with letterhead request. Circle No. 107</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ward Industries</td>
<td>Specializes in handcrafted, custom built copper fixtures &amp; posts, with emphasis on Early American design. Willing to do unusual custom orders.</td>
<td>Catalog free with letterhead request. Circle No. 108</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington Copper Works</td>
<td>Specializes in handcrafted copper lighting fixtures, both interior &amp; exterior. Emphasis is on Early American styling although it does have two Arts &amp; Crafts fixtures.</td>
<td>Send $3 for catalog.</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Lighting Standards</td>
<td>Offers a full range of cast iron, aluminum &amp; steel poles plus brackets &amp; bollards &amp; good selection of traditional luminaires. Also one bench.</td>
<td>Catalog free with letterhead request. Circle No. 109</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

© January 1989 Traditional Building
Like a number of other manufacturers, TrimbleHouse offers interchangeable components in its product line. To make it simpler to visualize how the various "mix and match" combinations will look, TrimbleHouse offers this Traditional Lighting Selector (14 posts and 18 luminaires in all) ...sort of a cross between a slide rule and Mr. Potato Head.

All the authentic 18th- and 19th-century styles shown on the selector are made of cast aluminum. Lanterns are UL-listed and are available with impact-resistant acrylic or polycarbonate globes. Poles range from 8 ft. to 18 ft. high.

For more information about TrimbleHouse, see special pullout Source List in this section. — MO

Your Own Monogrammed Bench

Whether you want a single bench for your garden, or 100 for Main Street, the custom-lettered cast-iron Victorian bench from Bench Manufacturing Co. has undeniable appeal. A name and date in a heavy iron casting carries a comforting sense of permanence.

Up to 32 letters can be accommodated on the end panels of the bench. Each letter is 5/8" high, with 1/8" relief.

The B-76 Victorian Bench comes in 4-, 6-, and 8-ft. lengths. It's available with or without custom lettering. Each bench has heavy-duty wood slats and iron castings that are carefully machine and hand-finished. Price of a single 6-ft. bench with 32 letters is about $635; volume discounts are available.

Bench Mfg. produces many other benches, in both cast iron and cast aluminum, that can be custom-lettered. They range in price from around $550 to $750. Bench also makes a wide range of other street furniture, including clocks, trash receptacles, light poles, bollards, planters, and garden buildings.

For more information about Bench Manufacturing, see pullout Source List in this section. — CL

Enhance the beauty of your landscape with the elegance of superbly crafted lighting posts by Spring City

You will be in good company when you light the way with our historically accurate, heavy duty, Cast iron lighting posts. Independence Hall in Philadelphia, for example; the U.S. Military Academy at West Point; Boston Common and William and Mary College in Williamsburg to name just a few of the thousands of locations where these lighting posts are prominent.

The light sources available are: incandescent, mercury vapor, metal halide or high pressure sodium.

Write or call for further information and literature that will illustrate and describe why we are the leading manufacturer of ornamental lighting posts in the United States.

Spring City ELECTRICAL MFG. CO.
P.O. Drawer A, Spring City, PA 19475
Phone: (215) 948-4000
Circle No. 103

Hand-Crafted Copper Lanterns

Catalogue three dollars refundable with order.

The Washington Copper Works
49 South Street
Washington, Connecticut 06793
Efficiency And Classic Design

Hadco introduces the Victorian II, a type-III distribution luminaire that minimizes upward light and nearly doubles the downward street-side efficiency of traditional style globes. This fixture utilizes an optically-designed, injection-molded, UV-stabilized polycarbonate prismatic refractor globe with a highly-polished internal alzak reflector.

A cast-aluminum globe fitter (several styles available, all fitted with stainless steel set screws) and ballast housing is powder-coated for long life. Lamping includes mercury vapor, metal halide, and high-pressure sodium options up to 250 w.

The luminaire is made from a very intricate mold, so the price may be higher than average but, Hadco claims, fewer fixtures are required. There is a 3-year limited warranty.

For more on Hadco, see pullout SourceList in this section. — JL

ORENATL DE-LIGHT

Most garden lights are limited to rather ugly contemporary designs — primarily mushrooms and spotlights. A happy exception is the Terralight collection from Hanover Lamps. Although their catalog is filled with the conventional coach and post lights, Hanover seems to have cornered the market on charming garden lanterns.

The Terralight collection is a series of Japanese-inspired lanterns, made of cast aluminum with either a bronze or verde finish and range from the classic Japanese "stone" lantern to pole- or bracket-mounted designs. The LV191 and LV190 models (shown) are low-voltage fixtures on spikes for garden use. The bracket-hung version on the left is 32-1/4" high, 5-1/2" wide; the pole-mounted version, right is 38" high, 5-1/2" wide. As accessories for its low-voltage lanterns, Hanover offers a full package of 2-V transformers, conversion sockets, railing clamps, and 24-hr. timers.

For more on Hanover Lanterns, see SourceList in this section. — MO

SWEET AND GLO

In addition to a variety of outdoor lanterns and posts, the aptly named Gasglo Inc. is the exclusive manufacturer of the MantleLite. This unique light source is totally electric but simulates the appearance of a real gas-burning mantle. During the energy shortage, many people were forced to stop using gas lanterns. Our product was designed to satisfy the need for conversion," says John J. Zwald, president of Gasglo. The energy crisis is over — for now — but the cost of gas in some areas is still high, and workers who can service gas lamps are in short supply. So Mantlelite is the answer for those who like the look of gas but the practicality of electricity.

The MantleLite is UL-approved, screws into any standard bulb socket (as long as the lantern clears the mantle; it's 6-1/2" high — an 8" cage is recommended) and is claimed to last 10,000 hours — 10 times longer than the average bulb. The device is 90% less expensive to operate than a gas mantle, and uses an average of 85% less energy than regular bulbs. It's guaranteed for one year and replacements are available from the company.

For more about Gasglo Inc., see pullout Exterior Lighting SourceList in this section. — MO
CANDY CANES FOR GIANTS

Candy cane light posts, once the standard fixtures for railroad stations, are making a comeback — especially at restored train depots.

This one, by Sternberg Lanterns, was specified by the City of Lake Forest to meet historic requirements for its depot restoration. Officially named the RLM18 with 1910 Acorn, this 14-ft. candy cane post has an ornamental base, black finish, and meets DOT regulations. It’s being used on docks and marinas as well and may be specified with a variety of shades and globes.

For more information on Sternberg Lanterns, see pullout SourceList in this section. — MO

Dutch Treat

Otto Wendt & Co. offers an entire range of Victorian "cast iron" — but made in modern-day aluminum. Their line includes fountains, mailboxes, benches, carousel horses, urns, and lamposts, as well as street lights.

In addition to standard single-light styles, there are several multi-globe designs, including this one, called Tall Holland (which stands 13½ high). Inspired by traditional Dutch fixtures, this light post is available with either three or four luminaires and costs $650, plus crating.

For more information about Otto Wendt, see special pullout SourceList in this section. — MO

Historic Lighting for Today

Fine authentic design & craftsmanship.
Residential/Commercial

Brass Light Gallery
719 S. 5th Street
Milwaukee, WI 53204
(414) 363-0675

Circle No. 14

Circle No. 7

TrimbleHouse

Craftsmen Preserving America’s Lighting Traditions

4658 Old Peachtree Road
Norcross, Georgia 30092
For information Call 1-800-343-4077
In Georgia 1-800-443-2083

Circle No. 105

IN THE SWIM WITH A DOLPHIN

Valley Iron & Steel Co., commonly known as VISCO, has been producing iron castings for over 40 years, specializing in lighting standards, streetscape equipment, and custom castings for other exterior furnishings.

The company is particularly proud of its Dolphin pole. Five years ago, the New York City Parks Dept., lent VISCO an original brass dolphin pole from the Prospect Park Boat-house in order to make a pattern for reproductions. They returned the original — along with 20 new cast-iron Dolphin poles for the Boathouse restoration. Called simply "H Series," this handsome 10-ft.-high fixture consists of 23 individual castings and sells for approximately $3,500.

For more information on VISCO, consult the pullout SourceList elsewhere in this section. — MO
THROW AWAY THE PAINT BRUSHES

DECO DELIGHT

If vandalism and maintenance are chronic problems, concrete light poles may be the answer. Great Lakes Concrete Products produces only poles—but they can be fitted with a variety of luminaires. Concrete is rugged, self-cleaning, does not require painting, and resists deterioration from salt spray or corrosive atmospheres.

All Great Lakes poles are sky gray (others colors available upon request) with an exposed aggregate finish and are available in heights from 6 to 31 ft. There are several traditional styles to choose from.

For more information about Great Lakes Concrete Products, see pullout SourceList in this section. — MO

A MARRIAGE OF MATERIALS

To the four main materials for light poles—cast iron, aluminum, fiberglass, and concrete—Classic Lamp Posts adds a fifth, which it calls "Polysteel."

This material is a 3-part composite that combines the structural benefits of steel with the maintenance-free aspects of industrial polymers. The decorative part of these poles is made of linear low-density polyethylene (LLDPE) combined with a structural polyurethane closed-cell foam, cast around a steel pipe.

The black color is not paint, but the material itself. LLDPE is the same substance used to coat outdoor telephone cables and is impervious to the elements. The manufacturer claims this material has lower maintenance needs than any other material. The one-piece construction offers easy, inexpensive installation because it eliminates the need to build a wood form, pre-pour a cement slab, or lay in anchor bolts. Prices are 2/3 lower than cast iron and 1/3-1/2 lower than aluminum.

Classic Lamp Posts offers a variety of traditional posts in Polysteel, with a selection of single, double, and quadruple luminaires. Polysteel is also used for this bollard (shown), a reproduction of the old 1900 wharf posts found in many seaports. This lighted bollard, which can range in height from 35" to 42", makes a handsome commercial entrance marker.

Most of the company's products are also available in cast aluminum. For more information about Classic Lamp Posts, see pullout SourceList in this section. — MO

Just as there was a dearth of Victorian fixtures a few years ago, now there seems to be a shortage of ones with a Deco flavor. The exception is this mammoth Neo-Art-Deco luminaire from Sentry. It's not an actual reproduction, but was designed with a 1930s flavor by an Indiana firm for the Indianapolis Lower Canal project.

"It's a new look and we've been getting a lot of inquires on it," says Sentry president Marvin Wittlin. The luminaire is made of cast aluminum with Lexan refractors and is painted gold and egglplant. It's also one of the largest commercially available luminaires, standing nearly 3 ft. high and 2 ft. wide. It has a glowing fmal on top that is lighted via fiber optics. The unit was designed to sit on a 15-ft., 6-headed pole. Cost of the luminaire is approximately $900 per unit.

For more information about Sentry Electric, see special pullout SourceList in this section. — MO

HISTORIC LIGHTING!

In addition to our collection of hand-forged Suffolk and Norfolk thumblatches, strap hinges, H and LH hinges, fireplace cates, hand blown Bulb's Eye and restoration glass, architectural brass hardware, porcelain knobs and many decorative accessories, we also offer an impressive selection of interior and exterior lighting fixtures including tin sconces, chandeliers, lanterns and postlights. Send $2.00 for our NEW catalog!

Historic Hardware Ltd.
Dept. TB Box 1127
No. Hampton, NJ, 08612
603-994-2280

Circle No. 114

VINTAGE LUMBER CO.

CUSTOM FLOORING


T&G • Kiln Dried • Random Width Antique Beams • Period Mouldings

FREE BROCHURE

301-989-7859

Buy Direct From Manufacturer

Our stock is available by the piece of the board.

Circle No. 50

STOP BIRDS FROM DEHABILITATING YOUR Cherished Home.

Nixalite stainless steel needle strips are an impermeable barrier to birds, and practically invisible too. They give you an effective, humane way of ending bird nuisances and maintenance costs. Send for your free information packet today.

Circle No. 37

LANTERNS FROM CLIPPER SHIP DAYS

Newstamp Lighting offers 7 variations on the Salem theme: replicas of lanterns that adorned the homes of Salem during the clipper ship era. This one from that series (244B Medium — it also comes in a larger size, 243B) is solid brass and measures 11" wide x 9" deep and 26" high. The clear panels are a special nonbreakable lighting acrylic so they’re perfect for exterior use where they might be subject to occasional impact. This model sells for $189, plus shipping.

All fixtures from Newstamp are UL-approved, including the large volume of custom work turned out by the company. For example, Newstamp routinely modifies traditional fixtures to accommodate energy-saving high-pressure sodium lights for large developments.

For more information on Newstamp Lighting Co., see pullout SourceList in this issue. — MO

Circle No. 45

16 JANUARY/FEBRUARY 1989
A UL-Listed Onion

Every fixture at Heritage Lanterns is individually cut, shaped, fit and assembled by hand. Nevertheless, as spokesman Cheryl Lyon stresses, "This light is UL-listed for outdoor use. I emphasize that it's truly UL-listed, not just an accumulation of UL-listed parts."

Known as the Onion Globe (R200, R201, or R222 depending on size), this fixture is a reproduction of early Colonial lanterns used by watchmen, farmers, and even jailers on their rounds. It's solid brass, and while it appears to hang loosely, is welded in place and cannot swing. At its smallest (16" h x 7-1/2" w), this globe costs $149 in copper or brass, $212 in pewter.

Catalog free on letterhead request. Heritage Lanterns, 70-A Main St., Dept. TB, Yarmouth, ME 04096 (888) 544-6070. CS# 16500 — MO

IN THE TRADITION OF SAMUEL YELLIN

There are a lot of metalsmiths around but not a lot of artists in metal. That's why, when we ran across Ned James work at the Albany Restoration Show, we kept him in mind for a writeup. His craftsmanship is excellent and the finished pieces beautiful (see lantern below).

Doing almost exclusively custom work, Ned James keeps very little in stock. Recent projects include: a Mount Vernon lookalike in Greenwich, CT, for which he did 38 lanterns of varying shapes and styles; exterior lanterns, chandeliers and curtain rods, and a set of forged-copper door latches and hinges— all in the Arts and Crafts style, and forced-air and radiator grilles for the executive offices of Simon & Schuster.

For more information, contact: Ned James — Wrought Metals, 65 Carol Street, Dept. TB, Turners Falls, MA 01376 (413) 663-8388. CS# 09700 — JL
THE REAL THING

Although some streetlight manufacturers are fairly new to the business, Union Metal has been manufacturing poles since 1906. And they have have retained all of the old patterns and molds, so they can easily re-create any of their original products. 

"We supplied most of the Main Street light poles in the U.S. from 1906 through the 1930's," says Union's Russell A. Poling. "We also have historical records for that period, showing 4,000 municipal installations of our poles. The records include quantities and model numbers, so we can identify the original design in a given city."

Shown here is the Evanston (8872), named for the Chicago suburb that has recently restored thousands of these lights with poles cast from the original patterns. This style is available in 12-, 14-, and 16-ft. mountings, with fluted shafts and base plate construction.

For more information on Union Metal, see pullout SourceList in this section. — MO

A Concrete Idea

Thanks to recently developed polymer concrete technology, Advanced Materials, Inc., is able to offer decorative poles in a variety of materials — in addition to traditional cast iron.

Using original patterns, A.M.I. produces the Central Park and Bishop's Creek poles in cast iron. The Central Park pole, one of the most beautiful poles available, was designed to relate to the foliage found in parks. Those sturdy cast-iron poles are frequently used in municipal restorations where they have to stand up to abuse.

A.M.I. has also developed polymer concrete technology to cast traditional bases and other decorative cast-iron elements. When combined with fiberglass or steel shafts, you get an authentic look (see photo) at a very affordable price, and the fixtures are also lighter and easier to install.

The polymer-concrete and fiberglass fixtures are normally used in residential and landscaping situations where they don't have to withstand heavy abuse. Although base-mounting is standard, the fiberglass units allow direct burial in the ground, reducing installation cost.

For more on Advanced Materials, Inc., see SourceList in this section. — MO

Lighting Smorgasbord

You might say LampLight Industries takes the smorgasbord approach to street lighting...rather fitting, since President George Strom is from Sweden. "My name means 'Energy' in my Swedish. Quite appropriate to my business," he laughs.

All LampLight's fixtures are broken into components, giving designers wide style choices. LampLight offers two fluted poles, which can be combined with any of four base rings, three pedestals, three bottom castings, five top castings, and five classic luminaires. That means you can get a large number of variations from this simple set of components. It also has double-, quad-, and 5-light units.

There's a practical maintenance angle as well. If one section of a fixture is damaged, the entire unit need not be scrapped. Usually, it's relatively easy just to replace the damaged component.

Unlike some suppliers, which have been around for nearly a century, LampLight is a newcomer, founded in 1981. Strom had observed the city of Elyria, Ohio, replacing vintage lighting with modern, lower-quality fixtures. He knew there had to be a better way — and developed these practical replicas of historic fixtures.

All components are made in the U.S. of cast iron, steel and aluminum; globes are available in glass, polycarbonate or butylate.

For more information about LampLight Industries, see SourceList in this section. — MO

SITTING IN GOTHIC STYLE

Niland Company carries a full range of cast aluminum light poles and luminaires with interchangeable components that enable designers to "cut and paste" various elements to get just the look they need. Styles range from the 18th century London look, to elaborately ornamented Victorian models, to classically influenced turn-of-the-century designs. There's also an extensive collection of wall-mounted fixtures.

In addition to lighting, Niland also has a broad range of street furniture, including fountains. Victorian trash receptacles, bollards, urns and benches. This bench, called PlazaCrest PC-3000, is a handsome cast iron and wood design, featuring gothic revival tracery. The price, with contractor's discount, is $264.

The company also has an attractive selection of Victorian style fountains, ranging from one bowl to four watered historic fixtures.

For more information on Niland Company, see pullout SourceList in this section. — MO
**Ornament from England**

Aristocast architectural ornament has been sold in England for over 10 years. Now, the company has expanded its marketing efforts to the U.S. — and we’re impressed with the variety of reinforced-plaster and fiberglass moldings it has to offer. There are 11 types of niches, more than we’ve seen elsewhere (average price, $350); 13 ceiling rosettes, including some finely-detailed classical ones (around $90); as well as 19 moldings, and 23 crown moldings. All are made of fiber-reinforced plaster, a strong — and fireproof — material.

Then there are the 11 "Herculite" (gypsum) fireplace surrounds, which range from delicate Greek Revival to heavy Victorian and Tudor models, and cost between $600 and $1,500. Toward the end of the catalog are fiberglass columns, balustrades, door surrounds, and other exterior ornament. We’re not too happy about the last entry in the catalog — polyurethane exposed beams — but nobody’s perfect.

Free flyer or $3 for color catalog. Aristocast Originals, 4200 Highlands Parkway S.E., Suite 1-B, Smyrna, GA 30082 (404) 333-9394. CSH #09200 — EMK

---

**Additional Sources For Exterior Lighting & Street Furniture**

- **Antique Street Lamps, Inc., 8412 South Congress, Dept. TB, Austin, TX 78745 (512) 282-9780.** Poles made of cast iron, cast iron & steel, cast aluminum, & fiberglass reinforced polyester with variety of luminaires.
- **British-American Marketing Services, 251 Welsh Pool Road, Dept. TB, Lionville, PA 19351-2163) 363-0840 & (800) 344-0295. Variety of lamp poles, luminaires, & lanterns.
- **Charleston Battery Bench, 191 King St., Dept. TB, Charleston, SC 29401 (803) 722-3842. Authentic cast-iron reproduction of Charleston Battery bench.
- **Dutch Products & Supply Co., 166 Lincoln Ave., Dept. TB, Yardley, PA 19067 (215) 493-6873, Cast aluminum streetlights, sconces, & mailboxes, from Holland. Literature $.10.
- **Gates Moore, 2 River Road, Silvermine, Dept. TB, Norwalk, CT 06850 (203) 847-3231. A line of handcrafted Early American lanterns for interior and exterior use. Catalog $2.
- **Great Gatsby’s, 5070 Peachtree Industrial Blvd., Dept. TB, Chamblee, GA 30341 (404) 457-1905. Various cast aluminum light poles, urns, fountains, benches, hitching posts, & entryway gargoyles.
- **Heritage Lanterns, 70-A Main Street, Dept. TB, Yarmouth, ME 04096 (800) 944-6070. Handcrafted Early American copper lanterns for interior & exterior. Free brochure with letterhead request.
- **Lighting By Hammerworks, 6 Fremont Street, Dept. TB, Worcester, MA 01603 (617) 755-3434. Line of handmade copper & brass lanterns for interior & exterior. Catalog $.50.**

---

**Architectural Sheet Metal Ornaments**

Now available from the F. Norman Corporation, makers of the "No. 5" Bell Coves, a complete, 94-year-old line of architectural sheet metal ornamentation including:

- **Balusters** - **Cornerstones** - **Corbels** - **Crestings** - **Fiberglass** - **Glass Panel Designs**
- **Fender Magnets** - **Fenders** - **Fireplace Surrounds** - **Fireplace Screens** - **Furniture Inlays** - **Hardware Inlays**
- **Inlay Soldering** - **Natural-Rich**

Over 100 catalog terms available in zinc or copper. Custom reproduction inquiries invited.

W.F. Norman also produces building cutover, finial, capital, window bands, header, and weatherstall. Complete catalog $2.50. W.F. Norman Corp. P.O. Box 323, Nevada, MO 64772 (816) 461-4514

---

**Woodcrafter Supply**

**CATALOG $1.50**

Circle No. 156

---

**Main Street Lighting, 1021 Industrial Pkwy., Dept. TB, Medina, OH 44256 (216) 651-4431. Ornamental fiberglass lamp posts.**

- **MarLe Company, 35 Larkin Street, Dept. TB, Stamford, CT 06907 (203) 348-2646. Line of high-quality handcrafted Early American lanterns. Also a handsome "Carnegie" turn-of-the-century wall-mounted lantern.**
- **Mel-Nor, 303 Gulf Bank, Dept. TB, Houston, TX 77037 (713) 445-3485. Reproduction street lighting, park benches, mailboxes.**
- **Ned James — Wrought Metals, 65 Carol Street, Dept. TB, Turners Falls, MA 01376 (413) 683-8388. All work is custom. Has executed numerous lanterns & lighting fixtures to architects’ specifications.**
- **Nowell’s Inc., 490 Gate 5 Road, Dept. TB, PO Box 164, Sausalito, CA 94966 (415) 332-4933. Specializes in historic lighting fixtures, especially chandeliers. Some coachlights, lanterns, $3.50 for catalog.**
- **Park Place, 2251 Wisconsin Ave. NW, Dept. TB, Washington, DC 20007 (202) 342-6294. Streetlamps, benches, porch swings, sconces, & urns.**
- **Pinecrest, 2118 Blaisdell Ave., Dept. TB, Minneapolis, MN 55404 (612) 871-7071. Better known for doors & millwork, also has line of traditional street light fixtures. Brochure free.**
- **Sterner Lighting Systems, Dept. TB, Winsted, MN 55395 (800) 328-7480. Wide selection of decorative post lighting, most contemporary, some traditional styles.**
- **Sunfeather Reproductions, PO Box 5077, Dept. TB, Silver City, NM 88082 (505) 388-3318. 'Cast iron' designs reproduced in cast aluminum including streetlamps, benches, fountains, & a carousel horse.**

---

**Woodcrafter Supply**

**CATALOG $1.50**

Circle No. 116

---

**Maine’s Only Producer of Traditional "Quantum" Pine Clapboards**

DONNELLS CLAPBOARD MILL

**DONNELLS CLAPBOARD MILL**

With special 18th century machinery we have revived an almost forgotten saving process. We produce the authentically age-dried natural green clapboards for the aging customer or the discerning builder. For informative brochure please send $1.

Donnel's Clapboard Mill County Road, R.R. Box 1560
Sedgwick, Maine 04676

(207) 339-2056

Circle No. 26
Art You Can Walk All Over

18th- and 19th-century craftsmen weren’t the only ones who thought painted floorcloths were a good idea. Fine artists June Moss and Tom Dillon think so, too — and have recently brought their art to the floorcloth business.

Although many of the early floorcloths were block-printed (see our review of Floor Coverings for Historic Buildings in the Nov./Dec. issue), June and Tom hand draw and paint their cloths. While specializing in Italian tile motifs (see photo below), all their work is to order, so the designs can reflect almost any architectural or interior style.

All their cloths are handmade, applied on heavyweight cotton duck and coated with multiple layers of satin urethane, making the cloths durable and easy to wash. Prices can range anywhere from $800-$2000 depending on the intricacy of the design and the dimensions of the floorcloth.

For more information, contact: Tom Dillon and June Moss, 330 East 11th Street, Dept. TB, New York, NY 10003 (212) 777-8031 or (914) 557-6151. CSH# 09680 — JL

historical products (continued from page 6)

Pigeon Busters

Something strange in your cornice? And it don’t look good? Who ya gonna call? Pigeon Busters! Nixalite of America has specialized in pest control problems for 38 years. And when it comes to birds, pigeons especially, Nixalite has the solution.

Used on such notable structures as the Old U.S. Mint Building in San Francisco, Grand Central Station in New York City, and Unity Temple in Oak Park, Ill., Nixalite discourages birds from roosting, without detracting from the architectural integrity of the building.

Made of thin stainless steel wires that project from a stainless steel strip, Nixalite is affixed to buildings where birds are known to roost. The thin wires prevent the birds from landing on the protected structure. The wires are hard to discern from normal viewing distances, and as weathering creates a patina, they are hard to see at closer distances also. It’s long-lasting, too; Nixalite installed in 1965 on a barn on Eisenhower’s Farm in Gettysburg, Pa., is still in place!

Nixalite comes in a variety of sizes depending on the bird you need to discourage — pigeons, sea gulls, starlings, buzzards, to name a few. All-purpose Nixalite, NOX costs $380 per 100 ft. (mounting hardware included). Individual pieces as short as 2 ft. are available for $8.60.

For more information, contact: Nixalite of America, 1025 16th Ave., Box 727, Dept. TB, East Moline, Ill. 61244 (800) 624-1189/FAX (309) 755-0077. CSH# 10299 — TM

Strripper’s Paradise

If you ever get involved with exterior restoration, you ought to take a look at the 23-pg. 1988 catalog from American Building Restoration. It contains the largest off-the-shelf array of chemicals and equipment for restoration that we’ve seen.

The product line includes paint strippers, waterproofer, building cleaning acids, wood preservatives, graffiti fighters, masonry cleaners, floor degreasers and cleaners, and related equipment. There are both alkaline strippers and methylene chloride strippers, in formulations designed for many different applications. Need to fireproof wood shakes? Investigate ABR Firecoat. There’s also a series of videos that show proper use of the chemicals on exteriors and interiors ($18.95 each postpaid). One nice feature: For each chemical, the catalog has a "Negatives & Limitations" section that tells what the stuff won’t do, and what to watch out for.

One product selected at random from the product line: Old 500-Part Limestone Cleaner. It’s designed to clean blackened limestone or surfaces with large amounts of ferrous oxide present. Part 1 consists of a high-alkaline soap solution that starts the job. Part 2 neutralizes and brightens the surface. Coverage: Part 1 ($16.90/gal.) 150 sq. ft./gal; Part 2 ($15.67/gal.) 350 sq. ft./gal.

For a free catalog, contact: American Building Restoration, 9720 S. 60th St., Dept. TB, Franklin, WI 53132 (800) 346-7532. CSH# 04500 — CL
New Tin Ceilings Patterns

Chelsea Decorative Metal has added some new designs to its line of pressed-metal ceilings: two panels and a cornice. All were originally manufactured at the turn of the century, and all are sealed with a new tin-plated finish, which makes them easier to paint.

The cornice features a fleur-de-lis design, and costs $10.85 for a four-foot length. The panels both come in two-by-four sheets for $16 per sheet. The garland design (right) repeats in two-foot-square sections, and the boxes on the wreath pattern (also right) measure six inches square.

For Traditional Building readers, Chelsea will send out its catalog free. Contact: Chelsea Decorative Metal Co., 4903 Moonlight, Houston, TX 77096 (713) 721-9200.

Cedar "Thatch" continued from page 1

— creating dramatic patterns and illusions of dimension; the roof becomes a unique work of art.

Most contractors who have experience with cedar shingles will fare well. Estimating the number of shingles is essentially the same as with a conventional roof; the tricky parts are the perimeters (eaves, valley & hip runs, gables) — and there the contractor need only give the linear measurement.

The shingles are standard thickness: 16" Western Red Cedar #1 grade. Rule of thumb for pricing: about twice the cost of a conventional cedar roof (including labor). Rule of thumb for installation time: about twice as long as it takes to install a conventional roof.

For more information, contact: Gary Cooke or Barry Huber, C & H Roofing, 1205 East 39th Street No., Dept. 18, Sioux Falls, South Dakota 57104. 800-337-8115, CSI #07310 — JL.
Chimney Liner Passes UL "Zero Clearance" Test

In an important first for the chimney industry, Solid Flue Chimney Systems reports that its lining system has just passed the test for Underwriters' Laboratories 1777 standard at zero clearance to combustibles. The tests were conducted for Solid Flue by the Warnock Hersey Testing Labs, both for UL 1777 HT and the tougher Canadian standard, UC 5640.

This means that there is now a liner that should be able to be installed safely in old chimneys that have combustibles (such as roof framing timbers) touching the masonry. The UL 1777 standard normally requires a 1" air space between the chimney masonry and any adjacent combustibles. There are an estimated 100 million noncode chimneys in the U.S. One of the most common code violations is the presence of wood elements buttling against — or extending into — the chimney masonry. And simply lining these chimneys doesn't necessarily bring them up to code.

In actual practice, on chimney lining retrofits it requires extensive breaking of plaster to determine whether or not the required 1" airspace exists for the full height of the chimney stack. As a result, most chimney lining contractors don't bother to check; they just make sure their liability insurance is paid up.

In the Solid/Flue system, a cementitious slurry is pumped around an inflatable insert, creating a cast-in-place liner. Joe LaFleur, who runs Solid/Flue along with his son Doug, spent 2 years searching for the right mix of insulating ingredients that would pass the test. In addition to being highly insulative, the liner has to be waterproof (to handle chimneys subject to condensation), and have a high compression strength (2,100 psi) to provide strength to wobbly chimneys.

For more information, contact: Doug LaFleur, Solid/Flue Chimney Systems, 9797 Clyde Park SW, Dept. TB, Byron Center, MI 49315 (800) 444-3583. CS# 04200 — CL
Our patterns for these exactly copy the appearance, and the operation of the original.

Unlike other available sets, this one has a 4" high face plate to give the appearance of a larger lock at a reasonable price.

Ball and Ball, founded in 1932, is proud to continue to offer the finest quality line of builder's hardware available. Our experience includes park service and private restorations, from Alaska to St. Thomas, Maine to New Mexico. Restoring or copying your original hardware is a specialty. Matching originals are available for hundreds of furniture and house hardware items. Watch our space in coming issues for "New" products. Call or write for details and our FREE MINI-CATALOG. Or send $5.00 for our complete catalog.

INSIDE SHUTTER HARDWARE
In brass and cast iron were used in many homes. These we made for the restoration of IOLANI PALACE in 1974.

DUTCH ELBOW LOCK
Made in the Pennsylvania German settlements from the 1730's, the unique lever allowed you to open the door with your hands full. We have many originals for sale.

BRASS TRIMMED IRON
CHANDELIER
Patterned after an original, this light has been popular in rustic, or informal settings since we made the first one in 1965. We can make one to fit any application.

For details and our FREE MINI-CATALOG, call or write.

Circle No. 8

Ball and Ball
Finest Quality Reproductions
463 W. Lincoln Hwy. Exton, PA 19341
(215) 363-7330
FAX only (215) 363-7639