E ORIGINAL STORATION AGAZINE

**FARMHOUSE FUNDAMENTALS** 

# OLD HOW TO REPAIR A CARE

REPAIR A CANE SEAT CHOOSE EXTERIOR WOOD BE LADDER-SAFE PATCH A ROOF

INVISIBLE

ENERGY RETROFITS

small-duct and mini-split systems

mostalgic HOUSE TOURS

A PAINT-DECORATED COLONIAL HISTORIC BRICK GEORGIAN in Vermont WINCHESTER MYSTERY HOUSE

Victorian aesthetic interiors
+ timeless, inspired FURNISHINGS





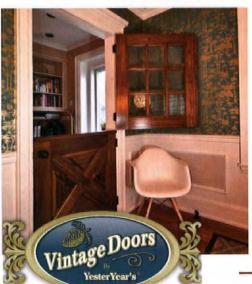
















#### — CHOOSE VINTAGE DOORS —

YOUR HOME DESERVES MORE THAN ORDINARY DOORS

At Vintage Doors, we're not out to change the world. We're out to change the way the world notices and appreciates your doors. For nearly 30 years, we've taken great pride in handcrafting **real wood doors of heirloom quality,** so you can take pride in owning one *for generations*. To see and feel the difference a custom door can make for your home, and be the marvel of your neighborhood, contact us today. "Extra-Ordinary" designs, craftsmanship, size and shape capabilities, and personal service—you're sure to all fall in love with—Guaranteed!



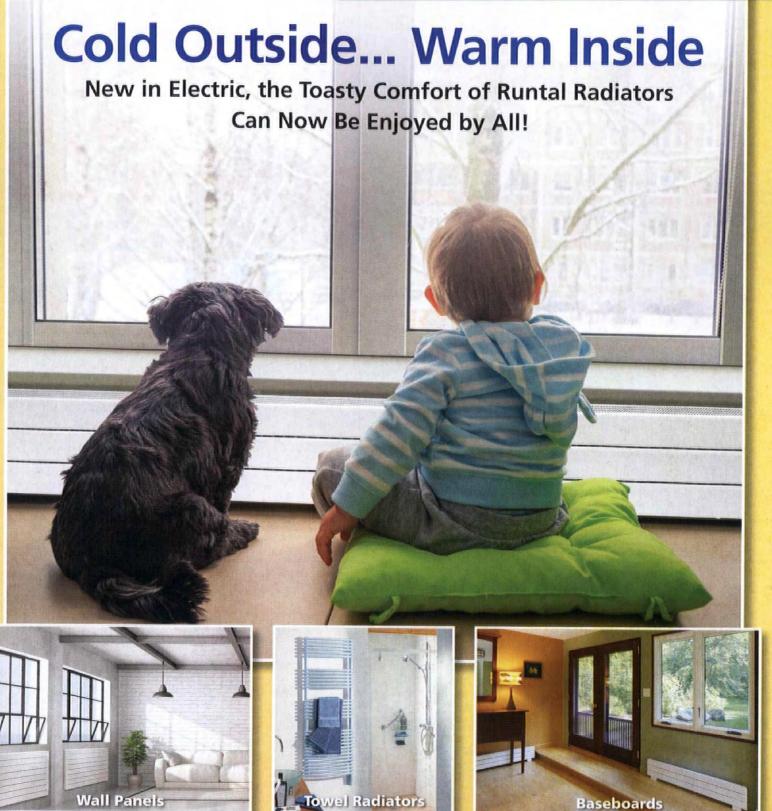


Request a FREE Quote »

Call for a Catalog »

www.VintageDoors.com

1 (800) 787-2001



has long been world-renowned as the premium manufacturer of Euro-style radiators for hot water and steam heating systems.

We are pleased to introduce a Runtal Electric line that includes Wall Panel, Towel Radiator and Baseboard designs.

Suitable for both retro-fit and new construction, Runtal Electric products provide a very efficient and comfortable radiant heat.

They are an excellent source of primary or supplemental heat and a problem-solver for areas needing additional heat.

They are attractive (available in over 100 colors), durable and easy to install.

For more information or a dealer near you, please call 1-800-526-2621 or online at: www.runtalnorthamerica.com.













# SPACE PAC®

## SpacePak is the Secret Behind a Better Living Environment

With SpacePak, what you don't see is what you get. SpacePak is the original small duct heating and cooling air distribution system that delivers comfort without major renovations or bulky ductwork. With flexible 2" tubing running seamlessly through walls and floors, SpacePak preserves the architectural integrity of yesterday's and today's homes. Clean looks. Clean living.

- Retrofits or new construction cooling, heating and ventilation
- Superior comfort removes 30% more humidity
- ▶ Uniform temperature floor to ceiling, wall to wall, room to room
- Easy installation no major remodeling
- Preserves architectural integrity no large ducting or grills
- Quiet performance
- Energy efficient variable speed blowers





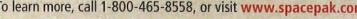


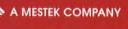
To learn more, call 1-800-465-8558, or visit www.spacepak.com













The Missing Piece: Indow Inserts.

Your home has history, original architecture, your personal style. It's just missing one thing: modern day energy efficiency that brings you savings and comfort when temperatures dip. Indow inserts block all drafts and insulate your windows without changing their appearance.

They install in minutes, with no construction, and leave your windows undamaged.

When we tested the energy savings of our inserts, the results were double what the computer modeled. It's because it was missing one thing: human comfort. Comfortable people turn down the thermostat. And that's how Indow inserts save an average of 20% on energy bills.

Indow: Peace of Mind



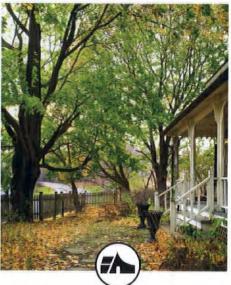
#### OLD HOUSE JOURNAL

## contents

#### OCTOBER 2019







### DESIGN

#### 24 Aesthetic Movement Architecture & Design

It's Art for Art's Sake at the Winchester Mystery House.

#### 32 VINTAGE VISION

Hallmarks of Colonial Revival decorating in a 1905 bedroom.

#### 34 KITCHENS & BATHS

With antique wood and brick, a designer gives patina to a country-formal kitchen.

#### 37 THEY STILL MAKE ...

Carved-shell cabinets of the 18th century.

#### **Upfront**

#### 12 INSPIRED + TIMELESS

Early goods with enduring appeal; a silvery glow.

#### 16 WINDOW SHOPPING

Hipped-roof houses.

#### 19 SUCCESS!

An artist reclaims a one-room schoolhouse.

## RESTORE

#### 40 Invisible Retrofits

Innovations in home energy technologies make it easier to find better comfort while saving money on fuel costs.

#### 50 TOOLS & MATERIALS

Projects around the house.

#### 52 KNOW-HOW

Understanding today's pressure-treated lumber.

#### 55 STUFF OUR WRITER SCREWED UP

The ignominity of being stuck on the roof holding the ladder.

#### 56 SALVAGEIT

From famous copper-clad window sashes to mirrors.

#### 59 DO THIS, NOT THAT

On temporary roof patching.

#### 60 OLD HOUSE DIYer

Repairing a cane seat.

#### 63 ASK OHJ

Scraping wallpaper; Cape Cods.

## **INSPIRE**

#### 66 At the Pigeon Inn

Period restoration shines at a 1760 Colonial that was once an inn.

74 TRADE AND TAVERN SIGNS

#### **76 Chittenden House**

Retracing history at an important Vermont house built in 1796.

83 PATTERNED BRICKWORK

#### 84 Fundamental Farmhouse

Eclectic rooms out of a 19th-century novel in a Hudson Valley survivor.

92 WHAT IS TRAMP ART?

#### 104 REMUDDLING

Bird-brain Tudor.

#### Also In This Issue

8 FROM THE EDITOR

102 AD INDEX

103 RESOURCES

ON THE COVER In an 18th-century house, once an inn, garden bounty adds color. PHOTO BY CARYN B. DAVIS. SEE PAGE 66.





## A wee bit of renovation

The thistles have taken over my yard, which is what they do if you turn your back. Beautiful from a distance, dangerous with sharp prickles on leaves and stem, the tough plants are eight feet tall! In 1904 this house was named Tanglemoor, a hint about its site: Atlantic low scrub with wild blueberries, briars, beach roses, and bramble. Over the decades, people dug out and planted trees and grew lawns. I myself did a big overhaul 20 years ago, adding a shady rock garden, flower gardens, and groundcover. Nature is aggressive, however, and reclaimed much of the backyard while I spent my available energies on the public front.

Pushing back the thistles, the honeysuckle, and the rugosa bushes (none of them invited) is one project on my newly minted Renovation List, which keeps getting longer. The side porch has rotted eaves, the trim needs painting, the kitchen floor has failed utterly, and the no-longer-state-of-theart heating system is developing strange hiccups. I guess it's time.

The residents are seeing changes, too. The house has adapted all along: when teenage parties superseded cribs and Legos, when the master suite became my editorial office, when guests stay for the summer, and, in recent years, when three generations were living under one roof. My sons have

moved away, and it's time their grandma got a suite instead of a room.



Still, this time I'm not facing a major restoration. What a relief. The biggest challenge will be the HVAC system, which requires a series of decisions as tangled as the moorland. (Radiant heat runs under the failed floor. Should I add air conditioning? Must I consider solar or wind when I probably won't see a payback? Does point-of-use hot water make more sense than the current pumped loop?)

I am, nevertheless, feeling glimmers of that old renovation anticipation. Clean it, chuck it, move things around! It's been a long time since I picked paint colors or chose new curtains.

striftone

# SIDE NOTES

#### **RENT AN EICHLER**

The beloved California developer Joseph Eichler (1900-1974) built functional yet stunning residences that epitomize Mid-century Modern style. Aimed at middle-class families, the houses—in locations like Palo Alto and Palm Springs—are hardly affordable housing today.

You can, however, rent one when you're on vacation. Bring family and friends! Through the online rental-by-owner site VRBO.com, find a house by Eichler, or built according to his plans, or inspired by the designs. Prices range from \$233 to \$1,114 per night, accommodating up to 6 to 8 quests. (Search property IDs 1209368; 1438834; 347439ha; 1464420; 710208; 425037; and 1485120.)

Shown: A post-andbeam residence built in 2017, only the fifth Eichler built since 1966 with certification by Anshen & Allen, the architecture firm that worked with Joe Eichler.





/hy choose slate?

just makes sense that a roof made of stone would offer aperior protection from the elements and last a very long ne. Much can be said about the aesthetic value of slate and e contribution slate can make to the resale value of a home.

nat's why slate has been the standard to which all other ofing materials have been compared for hundreds of years.

hile no one can really make a winning case for a etter roofing material, the only obstacle to installing a enuine slate roof has been the weight. *Not any more!* 

ateTec is a patented slate installation method that simply duces the amount of slate needed for a roof, which enables ate roof installation without requiring any extra structural apport. Greenstone Slate—Vermont slate quarriers since 255—has partnered with SlateTec to make slate, arguably e world's most beautiful and long-lasting roofing material, a eat option for nearly any new or renovation roofing project.



SLATE ROOF INSTALLATION METHOD WITH GREENSTONE SLATE®

Reduces genuine slate roof weight by 40% Less weight / Less slate / Simpler installation

Ideal for re-roofing / Great cedar shake upgrade

Patented high-tech interlayment system

Natural Vermont S1 rated roofing slate

No difference in aesthetics compared to a traditional slate installation

All Vermont colors, blends and grades available

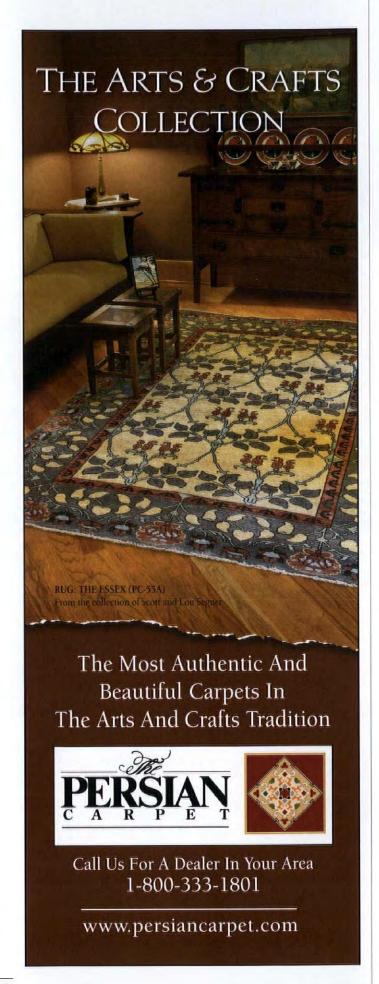
Unequal slate lengths and graduated installations

No environmental impact on disposal / Recyclable

100 year slate and interlayment warranty

## **GREENSTONE SLATE®**

Vermont Architectural Roofing Slate



# **OLDHOUSE**

VOLUME XLVII, ISSUE 7

EDITOR-IN-CHIEF

Patricia Poore

ART DIRECTOR

Inga Soderberg

MANAGING EDITOR Lori Viator SENIOR WRITER/EDITOR Mary Ellen Polson

WEB EDITOR

Emily O'Brien

DESIGNER Gabriela Crespo

WEST COAST EDITOR Brian D. Coleman

EDITOR-AT-LARGE Gordon H. Bock

Regina Cole CONTRIBUTORS

Lynn Elliott

Ray Tschoepe

Becky Bernie ASSOCIATE PUBLISHERS Carol Murray

PREPRESS MANAGER Joy Kelley

AD PRODUCTION COORDINATOR Caitlin O'Connor

> **GRAPHIC DESIGNER** Julie Green

> > HOME GROUP

PRESIDENT, HOME GROUP Peter H. Miller, Hon. AIA

SALES DIRECTOR Heather Glynn Gniazdowski

Barton A. Hawley **BUSINESS MANAGER** 

CIRCULATION DIRECTOR Paige Nordmeyer CREATIVE DIRECTOR Edie Mann

DIRECTOR, CLIENT SOLUTIONS - CATAPULT Amanda Phillips

DIRECTOR, CLIENT SOLUTIONS Dean E. Horowitz

DIGITAL MARKETING DIRECTOR LJ Lindhurst



PRESIDENT & CEO Andrew W. Clurman

SENIOR VICE PRESIDENT, CFO, COO & TREASURER VICE PRESIDENT OF AUDIENCE DEVELOPMENT

Michael Henry Tom Masterson

**VICE PRESIDENT, PRODUCTION & MANUFACTURING** 

VICE PRESIDENT, IT

Barbara Van Sickle

**VICE PRESIDENT, PEOPLE & PLACES** 

Nelson Saenz

JoAnn Thomas

**VICE PRESIDENT, DIGITAL PRODUCTS & PLATFORMS** 

Katie Herrell

AIM BOARD CHAIR

Efrem Zimbalist III

SUBSCRIPTIONS, CUSTOMER SERVICE

(800) 234-3797

subscriptions@aimmedia.com

EDITOR'S OFFICE

10 Harbor Road Gloucester, MA 01930 (978) 282-3170

LOGO LICENSING, REPRINTS AND PERMISSIONS Brett Petillo, Wright's Media (877) 652-5295 | aim@wrightsmedia.com

PUBLISHED BY ACTIVE INTEREST MEDIA

5720 Flatiron Parkway Boulder, CO 80301

Please use the content of OHJ wisely. It is intended to inform and inspire, not to replace professional designers and contractors.

PRIVACY OF MAILING LIST:
We rent our subscriber list to reputable companies. If you do not wish to receive promotional material from other companies, please call us, toll free, at (800) 234-3797.



# **Early & Enduring**

From our oldest houses, these are classic statements in any period.

#### By Mary Ellen Polson

#### 1. EARLY WING CHAIR

Consistent with upholstered pieces from about 1820, the Miller's Creek wing chair is made to order of kiln-dried maple with mortise-and-tenon joints. It measures 32" wide x 50" high x 34" deep and comes in a choice of fabrics. As shown: \$1,361. Circa Home Living, (888) 887-1820, circahomeliving.com

#### 2. BRIGHT BURNER

This close replica of a ca. 1839 Argand four-burner chandelier is electrified, but it's almost impossible to tell it's not fitted with an oil wick. The chandelier is shown with a black, acid-etched patina with contrasting brass banding and handblown vase shades, \$3,745. JP Tinsmith, [315] 853-1444, jptinsmith.com

#### 3. REPRODUCTION BEAUTY

Draped in arm-to-arm festoons, the Chesapeake Classic Crystal chandelier features a sculptural stem, large bobeches, and almond pendants. The 4½" candles are supported by scalloped candle cups. The fixture measures 24" high x 27" wide; specify chain length and nickel or brass. \$2,039 and up. King's Chandelier, [336] 623-6188, chandelier.com

#### 4. VERTICAL BOX LOCK

The iron carpenter's lock is inspired by English locks first imported to the U.S. in the early 1800s. In an unusual vertical configuration that works well for glazed doors, it comes with all fittings. \$1,248 through builders. Heritage Metalworks, (610) 518-3999, heritage-metalworks.com

#### 5. WEST INDIES INSPIRATION

Inspired by the 18th-century mahogany Creole furniture of the West Indies, the St. Croix tall-post bed features fancy











twist-turned posts topped with pineapple finials. It's available in queen, king, and California king sizes, \$6,990 and up. Stickley, (315) 682-5500, stickley.com

#### 6. CARVED ACORNS

The early American-inspired Windham is all about stylized acorns hand-carved from Vermont maple. The electrified chandelier measures 15" high x 48" wide. Available in several stain and paint options; shown with a custom paint finish on wood and bronze finish on metal, \$2,323. Authentic Designs, [800] 844-9416, authenticdesigns.com

#### 7. THE SUFFOLK LATCH

Replicated from a very old Suffolk pattern, the Ball and Spear thumb-latch set is hand-forged to fit entrance doors up to 3" thick. The latch measures 12" high x 3 ¼" wide and is sold as a complete set. \$238. Historic Housefitters, [800] 247-4111, historichousefitters.com

#### 8. SERPENTINE FENDER

Sinuous wire and brass fenders were the height of fashion in colonial-era cities. This exacting reproduction features a half-oval forged top rail, a custom bent-wire screen, and three double lemon finials; it measures 12½" tall x 42" wide. \$1,600 and up. Ball and Ball, [610] 363-7330, ballandball.com

#### 9. INDESTRUCTIBLE COUNTERTOP

Soapstone has been used as a counter and sink material for centuries. Counters cut to a hefty 1½" thick are fabricated to order: \$70 to \$98 per square foot. Standard sinks (based on period sinks) are \$425 and up. Vermont Soapstone, [802] 263-5404, vermontsoapstone.com

#### **10. PUNCH PIERCED**

Repair an antique pie safe or create a new heirloom piece like this one with pierced metal designs in historical motifs like the "Wheat in Oval" panel, available in sizes from 10" x 14" to 12" x 24". \$27.50 and up. Pierced Tin by Country Accents, (570) 478-4127, piercedtin.com

# **Silvery**

Add a glow, in soft goods or metal. By Mary Ellen Polson

#### 1. PEA TO SHINING PEA

The Pearly Peapod pull in brilliant pewter is a delicious example from the Kitchen Garden Collection.

Sporting Swarovski crystal pearls, the hand-cast and -painted pull is 5" wide x 1½" tall x 1½" deep; \$68. Notting Hill Decorative Hardware, [262] 248-8890, nottinghill-usa.com

#### 2. CREAMY SILVER

Shown in the Diamonds and Pearls on Cream colorway, Barn Owls and Hollyhocks by illustrator Carson Ellis reminds us of the English Arts & Crafts designs of C.F.A. Voysey. Screen-printed in water-based inks, the wallpaper is sold in 30-square-foot double rolls, \$200 each. Juju Papers, [503] 764-7610, jujupapers.com

#### 3. MODERN MORRIS

The Pure Willow Boughs printed fabric is a simplified version of the 1887 William Morris pattern Willow Bough. In 100% linen, the updated design is shown in Gilver, a cross between silver and gold. Morris & Co./Style Library, (201) 399-0500, stylelibrary.com

#### 4. STEEL ZIGGURAT

The large Art Deco wall sconce shown in stainless steel is wet-rated for outdoor locations but can be configured for indoor use. It measures 24½" high x 17½" wide x 6½" deep. \$1,375. Vintage Hardware & Lighting, (360) 379-9030, vintagehardware.com

#### **5. ART DECO ELEGANCE**

The deck-mount, three-hole lavatory filler from the Style Moderne collection is made in England. Craftsmanship combines the latest in technology with a high-quality plating process for flawless chrome and polished-nickel finishes; \$2,128 to \$2,342. Samuel Heath, [212] 696-0050, samuel-heath.com







# MAKE YOUR CHIMNEY A FOCAL POINT

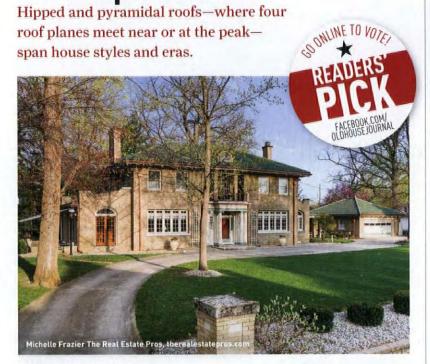
Whether you aspire to recreate the feel of the Victorian era or want to finish your chimney with the clean simple lines of a classic chimney pot, Superior Clay can help. With more than 45 standard styles to choose from, we can also create custom designs to ensure you achieve the look you desire.



740.922.4122 • 800.848.6166 PO Box 352 Uhrichsville, Ohio 44683

www.superiorclay.com

## **Five Hip Houses**



#### ANDERSON, IN / \$309,900

Crowned with a tiled, near-pyramidal roof, this 1924 brick Georgian Revival drips with period details from the Ionic columns and fanlight at the entry to the graceful staircase, panel mouldings, a garland-swagged mantel.



#### FAISON, NC / \$269,999

With a low-pitch hipped roof, the Greek Revival Livingston-Hicks house is ca. 1860 with alterations in 1883. Double porticos frame the classic Greek Revival entry. Period mantels and mouldings, a grand staircase, and beadboard ceilings are defining details.



#### KEYMAR, MD / \$1,250,000

This high, hipped-roof Georgian manor on 25 acres dates to 1770. Details include period wall paneling and multiple original fireplaces with mantels. A Federal-era smokehouse and stone kitchen wing are old additions.



#### **SAUGERTIES, NY / \$498,000**

Beautifully proportioned under a low-pitched roof, this ca. 1850 Greek Revival farmhouse was extensively enlarged in the 1940s. Find a massive stone fireplace, original wide-board floors and stair railing, and an antique barn.



#### NEOSHA, MO / \$199,000

A 1912 Arts & Crafts Foursquare is topped with the typical pyramidal roof with a front dormer. Pass through the screened, stone porch to find unpainted woodwork (including pocket doors), original staircase, two brick mantels, and polished wood floors.

### **EVERY HOME DESERVES THE BEST KNIGHT EVER**

Lochinvar-

Meeting the water heating needs of every homeowner calls for industry-leading efficiency and installation flexibility. That's why the world's top contractors carry the new and improved KNIGHT® Residential Boiler by Lochinvar. With 6 floor-mount and 7 wall-mount models available, the KNIGHT boiler ranges from 55,000 to 399,000 BTUs and features an energy-saving ECM variable speed pump as standard equipment—all while operating at up to 95% efficiency.

That's one more reason no one brings it all together like Lochinvar.

USA

**Lochinvar** 



THE WORLD'S LARGEST CURATED MARKETPLACE FOR VINTAGE & ANTIQUES.



## **#1 Trusted Vintage Marketplace**

1.5 Million Monthy Visits. Over 2,000 Active Sellers. Award-winning customer service.



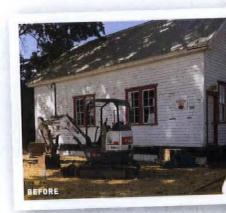
As I returned to fine-art painting, restoring an old schoolhouse was an aid to creativity. By Karen Wippich/photos by Jillian Lancaster

Greetings! My mid-century house in Portland, Oregon, was featured in the August 2010 issue of Old-House Interiors. Two years ago, I moved and took on a new project: a one-room schoolhouse built in 1875 in Canby, a small town south of Portland. Bordering a large farm, it sits on a quarter-acre-and needed major restoration.

Since childhood, I'd wanted to make a living creating art. I'd been successful as a graphic designer, but my first love was always painting. What started as a hobby, surprisingly, became my new career at mid-life. It seems people were willing to pay money for my paintings! So, in 2016, I became a full-time painter. I incorporate my graphic-design experience into my workyou could call it "collage painting."

It was time for me to find a new home of my own, with space to let creativity flow. The schoolhouse listing was intriguing, but then it was pulled off the market; when it came back on, I went to look. The minute I walked in, I knew it was the right place.

The building had been used for storage and was full of antiques and "stuff." In fact, there was only a narrow walking path inside. My agent was skeptical; he kept asking me, "Are you sure you want to do this?" But I closed on the house and started the renovation.



ABOVE The schoolhouse needed a new foundation, among other things! Its old windows were carefully restored.











Layout and design came easy—it was already all in my head. I quickly put it down on paper: kitchen, bath, laundry room, bedroom. Generally, the one-room open plan suited me. I kept as many original details as possible. For the rest, I bought vintage doors and found hardware to match the period. I used historic typography drawer handles on kitchen cabinets. For the bath vanity, I converted an old dresser and married it to a marble top from another piece.

Actual construction wasn't so easy to figure out. I thought I would be my own contractor, but, as my agent had warned, a lot needed to be done—and, apparently, there is an order one must follow. Lucky for me, a collector of my art happened to run a salvage business: Lovett Deconstruction in Portland. His team came in and gutted the interior, saving all of the vintage trim, wainscoting, chair rails—anything that could be reused.

I hired Viridian Window Restoration to fully restore the old windows. By now I'd hired Rupp Family Builders to be my general contractor. They put in a new foundation, garage, electrical, plumbing, roofing, and insulation. Rupp was open to reusing the vintage materials; the firm's great carpenters built trim to match.

Once I had a working bathroom and electricity, I moved in. A month later, the house was pretty much done, except for exterior painting and landscaping. In August, I hired a wonderful painter whose wife gave birth to premature twins who spent months in the hospital. My painter ran between his day job, my painting contract, and the hospital; he finished up in October. Happily, the rains held off.

I love the schoolhouse. Having this new creative space, with so much natural light, actually changed the way I paint. I love the town of Canby, too. When I'm working in the yard, someone will stop by to thank me for saving the schoolhouse. Neighbors have brought me flowers, kerchiefs for my dog, bird feeders, and fresh food from their gardens.

Last December, my place was on the Canby Tour of Homes to raise money for the library. So many people wanted to see what had become of the old schoolhouse, ticket sales were doubled! A line stretched out my door. How very gratifying!







TOP This view from the kitchen end looks past the private bedroom toward the open living space. ABOVE Vintage furnishings and the owner's art fill the rooms. LEFT Painting required a thorough scrape-down of the clapboards.

FAR LEFT The building had long been used

FAR LEFT The building had long been used for storage, and needed interior rehab.



**LEFT** With a converted antique dresser and old-fashioned tub complementing industrial touches, the new bath is retro-chic. **ABOVE** This is Dotty, one of three pets in the house.



## HEATING & COOLING MADE EASY WITH HI-VELOCITY SYSTEMS



## Enjoy Clean Comfortable Air with no Hot & Cold Spots!







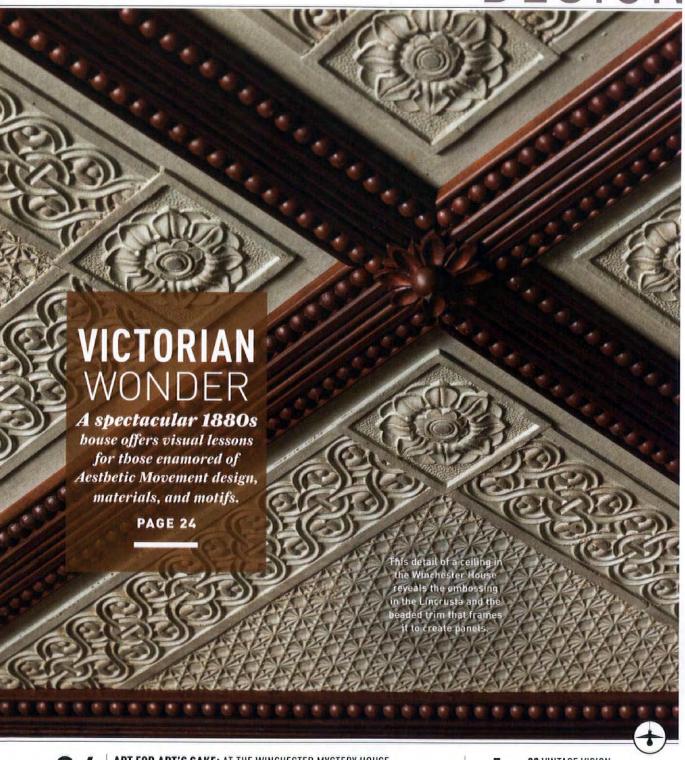




The Perfect Heating & A/C Solution for Historic Retrofits, with no Major Remodelling!



# DESIGN



74

ART FOR ART'S SAKE: AT THE WINCHESTER MYSTERY HOUSE

Tourists generally visit this house for its eccentricities, but the real value lies in its stunning architecture and decoration.



32 VINTAGE VISION 34 KITCHENS + BATHS 37 THEY STILL MAKE

#### AESTHETIC MOVEMENT ARCHITECTURE & DESIGN at the Winchester Mystery House



RIGHT Turrets and bays, balconies with fancy railings, irregularly shaped windows, and a "door to nowhere" together create a rich Queen Anne fantasy. From the roof on down, every surface is exuberantly ornamented with fish-scale shingles, ball-and-spindle decorations, turnings, carvings, and board siding at the base.

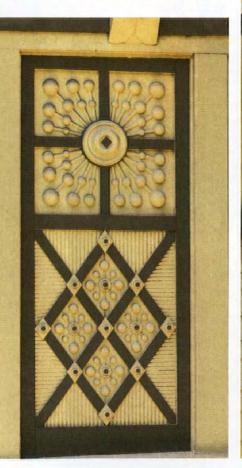
# Artfor

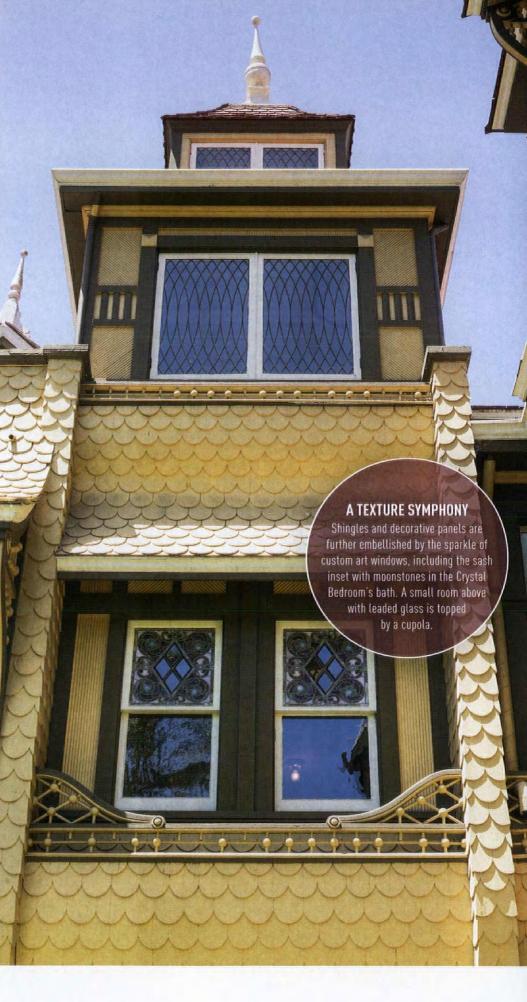
Most of the tourists who visit the Winchester Mystery House in San Jose, California, come for its spooky associations. Architecture buffs, on the other hand, are in for a jaw-dropping tour of Aesthetic Movement architecture and decoration. Built over and around a modest Victorian farmhouse, the mansion took 38 years to create (1884–1922) and was never really finished. The cost was \$5 million, or \$71 million in today's currency. It is spectacular. By BRIAN D. COLEMAN / PHOTOGRAPHS BY WILLIAM WRIGHT





ABOVE A row of turned columns and rails with ball-and-spindle fill follow the length of the wraparound porch.
BELOW Panels feature Eastlake-inspired ball-and-stick and diamond patterns.







# The Aesthetic Movement & Queen Anne Style

Inside and out, every surface was ornamented. Color, texture, panelizing, and carving or embossing come together in a beautiful tapestry. Both Stick or Eastlake-style houses and American Queen Anne houses feature a multitude of architectural elements:

- Steep, irregular rooflines may have cross gables, hips, and dormers. Roofs are further embellished with spires and pendants, iron cresting, and perhaps a griffin or dragon perched at the ridge end.
- · Towers and turrets, with fancy-shaped roofs, are relatively common.
- Windows are generous in size and variety: find irregular shapes, muntin patterns, **bows and bays, oriels, horseshoe windows,** and Queen Anne sash with multiple square panes, often with colored glass.
- Surfaces burst with texture and embellishment: fancy-butt shingles, pebble-dash stucco, half-timbering. Shingles on roof and walls may create patterns or be polychromatic.
- **Ornamental carving** includes motifs from starbursts and sunflowers to more geometric Eastlake designs.
- Besides all the trim, woodwork extends to ball-and spindle spandrels and decorated balustrades on verandahs and balconies.

**ABOVE** Now four storeys, the house had a seven-storey tower before the 1906 earthquake, evident in this archival photo. Today Winchester Mystery House comprises 24,000 square feet in 160 rooms. **LEFT** The complex, wood-shingled roof, always stained red, is embellished by multiple carved finials.

#### **TOWER & TURRET**

A tower extends to the ground, while a turret hangs from the building. Common in Queen Anne architecture, these embellishments may incorporate motifs medieval to Moorish.



ITALIAN/MANSARD



CURVED



OGEE OR ONION

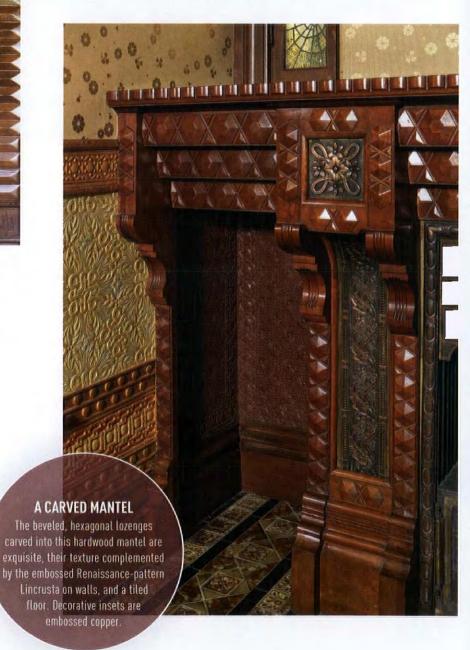


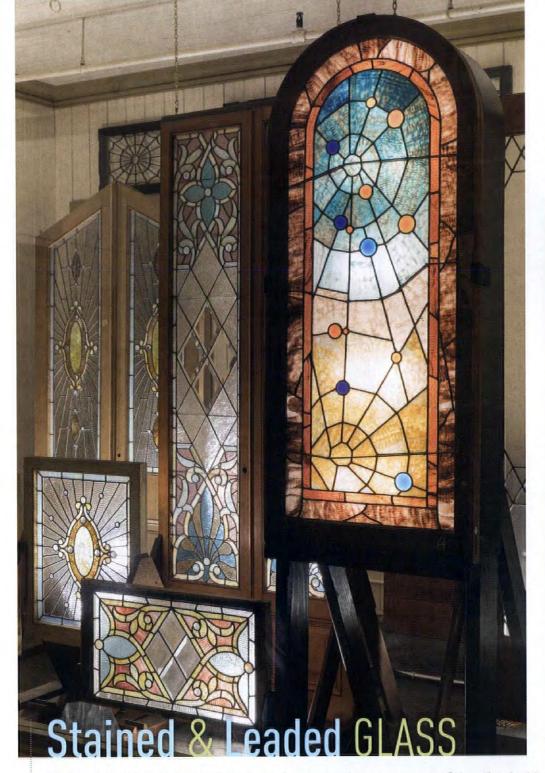
WOOdWORK—in the form of mouldings and trim, mantels, staircases, and carvings—was a critical component of rooms in the Aesthetic taste. Bold and dark, it girds the decorative embellishments on walls, ceilings, and furnishings. While the exterior of Winchester House is largely built of redwood, painted over, interior elements and trim also introduce a mix of hardwoods.

In the lavish Grand Ballroom, the wood species used for the dominant Eastlake-style wall cladding are probably white ash and chestnut. Mantels in the Front Parlor and Dining Room are most likely cherry with a once-glossy varnish finish.

RIGHT Bradbury's 'Herter Ceiling' is used on the wall fill above the Lincrusta dado. ABOVE With ornate beveled glass, the front door is a *tour de force* set within a carved redwood archway. be museum house is privately owned and heavily visited. The story told is that Sarah Winchester, widow of rifle heir William Wirt Winchester, was encouraged, during a séance, to leave Connecticut and head to California, to build an eccentric home for the spirits of all those killed by Winchester firearms. Money was no object: Sarah had inherited \$20 million (\$520 million today) and also had an income from her shares in the company—the equivalent of \$26,000 a day in today's currency.

Whether Sarah believed in ghosts, or was a mathematics prodigy dabbling in labyrinths and encryption, the house she built is a puzzle. It's true that staircases spiral—or dead end; that doors open to nowhere; that the prime number 13 and spider webs are favorite motifs. [text cont. on page 31]



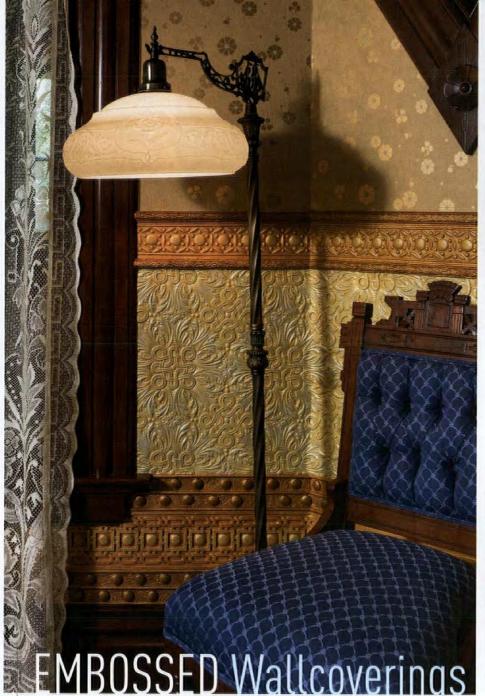


LEFT Many stained-glass windows were never installed, and today are displayed in Sarah's storage room.
BELOW Never installed: a spider web in leaded glass. BOTTOM A set of three beveled-crystal windows was commissioned in 1890.





Stained and leaded art glass is an important component of Aesthetic Movement design; colors are rich and motifs opulent. Scenes were often painted on the glass: bats in a night sky, owls perched on the crescent moon, swallows diving, along with sunflowers, chrysanthemums, and lilies. Sarah Winchester herself designed a spider-web window. A window by Tiffany has richly beveled and leaded-glass panes, meant to allow sunlight to cast a rainbow across the room; it was, however, installed on an interior wall, negating the effect. Much of the Winchester glass is stockpiled in a storage room. In the past four decades, glass has been expertly repaired, flattened, and reinforced by Mark Walton of Walton Art Glass (waltonartglass.com).

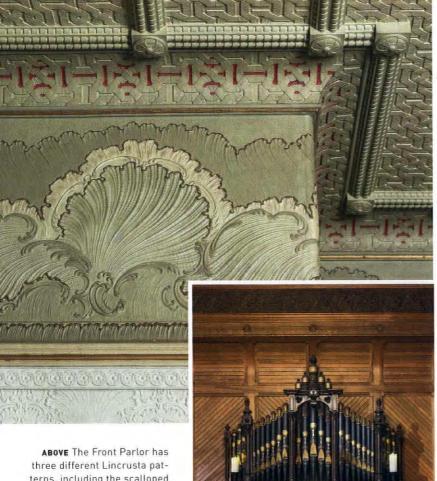




LEFT Metallic paper, wood trim, a Lincrusta dado, and hand-worked lace come together in the dining room. ABOVE Rolls of Lincrusta, many in their original wrappings, were never used and remain "in stock." BELOW Complex patterns are a hallmark of Aesthetic interiors; here, the wood cove has gilded beading and carved sunflowers.



A sturdy wallcovering made from linseed oil and wood flour, Lincrusta-Walton was invented by the Englishman Frederick Walton in 1877. Similar to linoleum—patented by Walton in 1860-Lincrusta is embossed with steel rollers to create a decorative, threedimensional surface. (A similar wallcovering made of embossed paper is called Anaglypta.) Sarah Winchester fell in love with Lincrusta, and bought dozens of rolls in myriad patterns. more than she could ever use. Around 70 rolls, many still in their original wrapping, are displayed in her storage room. Patterns range from Celtic knots to Anglo-Japanese waves and moons. Following the Aesthetic mantra of More Is More, Winchester covered ceilings, dadoes, and entire walls in a riot of patterns to create rooms rich in texture and stylized ornament. Lincrusta is sold unfinished and meant to be paint-decorated: to resemble tooled leather or carved wood, or to be polychromed, glazed, or gilded.



ABOVE The Front Parlor has three different Lincrusta patterns, including the scalloped wave 'Rococo' and, on the ceiling, 'Key Moorish'. Wood trim divides the ceiling into coffers.

RIGHT A Clough & Warren reed organ, ca. 1875, is a replacement in the Grand Ballroom.

Behind it is Eastlake-style woodwork with chamfered panels. FAR RIGHT The Front Parlor's fireplace is an Aesthetic vignette with Japanese motifs: sunflowers and cherry blossoms in the tile surround, a crane on the coal scuttle.

Beginning her project in 1884, Sarah Winchester (working without an architect or any blueprints) embraced the era's popular Aesthetic Movement design. A challenge to the rigidity of classical art, the movement that started in England a decade earlier stood for "art for art's sake," welcoming beauty and the contemplation of beauty. It is the opposite of utilitarian design. Its architectural equivalent became known as the Queen Anne Revival, which morphed into the even more ornamental American Queen Anne style. Houses are picturesque, asymmetrical, heavily textural, and embellished.

Inside the house, gold and silver chandeliers hang from coffered and decorated ceilings over parquet flooring. Artful windows by Tiffany & Co. illuminate rooms filled with Anglo-Japanese pattern, lustrous Victorian tile, embossed Lincrusta wallcoverings, and carved wood.

## The Cult of Japan

Following the opening of Japan by Commodore Perry in 1853, Japanese art and objects were displayed and admired in England and America. Concurrent with the Aesthetic Movement, a derivative style called Anglo-Japanese soon emerged, blending asymmetrical geometry with such oriental motifs as bulrushes, waves, crescent moons, stylized "cracked ice," owls, dragons and sea serpents, frogs, and spider webs. Flowers are common, too, and carry meaning: chrysanthemums stood for truth and grief, lilies for devotion, and sunflowers for good luck.



# **Colonial Decorating in 1905**

From the booklet "Radiation and Decoration," American Radiator Company.



Wallpaper in a typical floral stripe of the period enlivens the archival room. Today it may be easier to get the look with a painted stencil pattern. MB Historic Décor sells precut Mylar stencils (one sheet for each color). Shown is one part of the 'Polly Thacker House' roomset WS06ER (\$91.20), depicted in the original red and green. mbhistoricdecor.com



Four-poster, Empire dresser, floral-stripe wallpaper, and a wing chair: "This is Colonial Revival decorating with one's eyes closed," says archivist Bo Sullivan. The room is tasteful yet unpretentious.



The 'Old Colony'-pattern lace panel in Ivory blends motifs of the contemporaneous Colonial Revival and Arts & Crafts movements. It's based on a door curtain (portière) of 1899 in the collection of the Memorial Hall Museum in Deerfield, Mass. In multiple sizes (custom lengths offered) and as a table scarf; curtains start at \$49. cooperlace.com

It must be summer, because the decorated radiator, draped with a scarf, is being used as a plant stand. From the original caption: "The Radiator... under a window of this Colonial Bed Room [is] treated as a piece of furniture..."



"An exercise in minimalism," Thos. Moser's 'Pencil Post Bed' adapts the simple design of the English field bed. With octagonal posts, it may be modified to include a canopy. Made to order, shown in walnut and also available in cherry, \$5,450-7,935. thosmoser.com



# A Cozy Kitchen with Elegant Patina

A designer steeped in the classics pairs salvaged wood and antiques with contemporary materials. By Patricia Poore

With a studio in Greenwich, Connecticut, designer Sarah Blank has worked on many historic houses for her clients. That's only one reason why her designs feel period-inspired, even when the house is new. Blank says she was introduced to the language of Classicism in 1994, and she has pursued its study ever since—reading, traveling, and attending seminars at the Institute of Classical Architecture & Art.

"This kitchen is entirely new," she says, "in a house I'd call French Eclectic. The client felt the layout of kitchen and pantry was critical to her everyday life. All items were inventoried and measured, and drawers allocated for specific belongings." Blank worked with interior designer Susan Thorn on details including the tile backsplash, its multiple colors reflecting the owner's Majolica collection.

Blank's design is a bridge between the area's Colonial-era roots and Old Europe. The iron fireback, for example—a relic from the days of the hearth fire that heated a room—is an antique purchased in Paris. "The rough beams and the brick were the beginning of inspiration," Blank says, "and the zinc hood followed suit."

#### 1. HISTORICAL CABINETS

Parish Millwork created custom inset cabinets with flat panels and furniturelike feet. Timeless white paint is crisp against brick walls and a wood floor. Pulls by Rocky Mountain Hardware.



#### 2. SALVAGED WOOD

If the room feels like it's in an old house, that's in part due to the deft incorporation of salvaged antique lumber for the floors and beams in the new kitchen.

#### 3. MELLOW PATINAS

Natural, historical materials include the zinc hood and island countertop and Calacatta marble on perimeter cabinets. A backsplash of blue-green tiles adds just a bit of color and shine.

#### 4. A HEARTH WALL

Appliances (including the set-in range top) are unobtrusively modern. The warm feeling of a hearth and chimney comes from a wall of rustic brick inset with an antique, cast-iron fireback purchased in Paris. The blend of materials and textures suggests great age.





#### **BE INSPIRED...**

The 'Mission Forge Bronze Eightlight Chandelier' by Santangelo Lighting & Design has the flavor of Old Europe. In a bronze finish, it measures 42" x 30" x 36" high. It retails for \$1,272 through Bellacor: bellacor.com





Del Conner of **Pennsylvania Firebacks** says an iron fireback's protective, heat-reflective, and decorative features are at home behind a range or cooktop. His may be prepped for use as a backsplash. This is the 'Tall Oak' design, sale price \$445 incl. shipping. *fireback.com* 

Windowsill topiaries add to the European feel. Live ones may not thrive in a busy kitchen, fake plants are unpopular. These are real, not alive but preserved (like botanical taxidermy!). Find many sizes and varieties at topiarytree.net



Inglenook Tile Design creates thin brick tile with the look of antique bricks, to be used as flooring or wall veneer. Many textures, bond patterns, finishes, and color mixes; all work custom. inglenooktile.com



### DRIWOOD



Make your period home distinctive with ornamental wood mouldings from the premier source.

At Driwood we craft architecturally correct, hardwood mouldings perfectly designed for homes from any historic period. With more than 500 mouldings in stock, we have the moulding you need for your home.



2130 3" x 3/4"
Colonial era moulding with palmette pattern appropriate for use as a chair rail or



**3010** 5" x 3 3/16" Crown moulding with acanthus leaf & floral pattern on shallow cove accented with bead real, egg & dart detail, and banderol design.

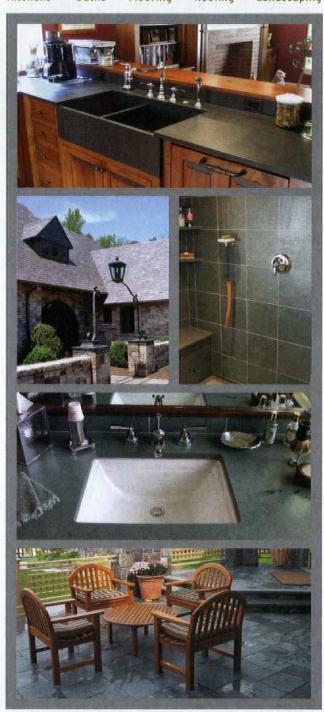


2133 3 7/8" x 3/4" Colonial era moulding piece with a floral design and vertical bead and barrel pattern.



2195 2 3/4" x 2 3/16' Colonial era moulding with palmette pattern appropriate for use as a chair rail or a casing moulding.

View & Shop online at **driwood.com** today. 888-245-9663 (toll free) | sales@driwood.com Slate The Incredible GREEN Building Material For your Period Style Home, Inside & Out Kitchens Baths Flooring Roofing Landscaping

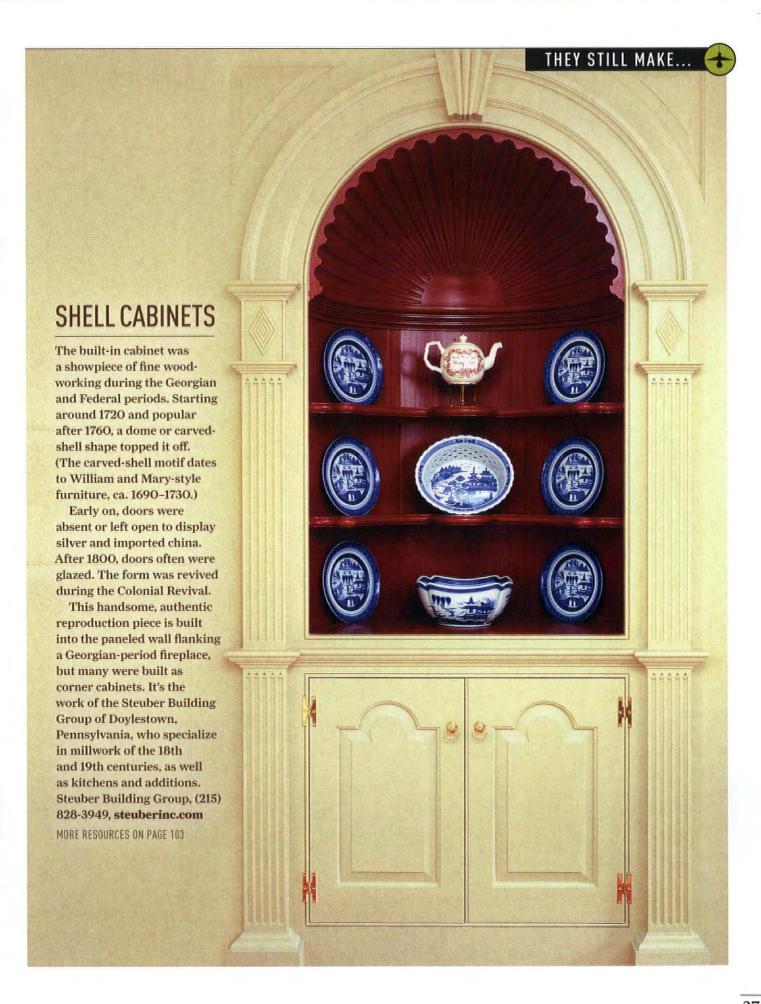


Natural earth colors: Green, Gray, Black, Purple, Red Antibacteria • Stain resistant • Noncombustible Honed to a satin smooth finish, unlike any other stone.

Middle Granville, NY 12849; 518-642-1280 • Monson, ME 04464; 207-997-3615

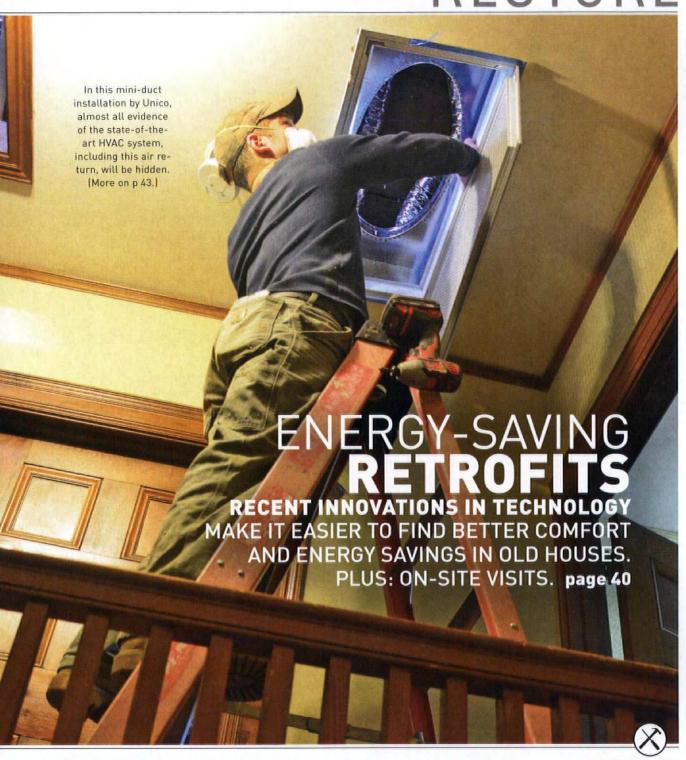
Quarried in the U.S.A.

SheldonSlate.com





## RESTORE



52

**KNOW-HOW:** PRESSURE-TREATED LUMBER Learn how CCA-free PT wood fits among options for rot-resistent exterior lumber.



**50** TOOLS + MATERIALS **55** STUFF OUR WRITER SCREWED UP

56 SALVAGE IT

**59** DO THIS, NOT THAT

**60** OLD HOUSE DIYer

63 ASK OHJ



## INSBE ENERGY SAVINGS

Whether completely out of sight or visible but discreet, options to heat and cool an older house are almost endless. We now have solar panels that seem to melt into the roof; radiant heat under a new tile floor; and state-of-the-art HVAC systems delivered by compact tubing or via cassettes concealed in voids between attic and ceiling. These minimally invasive systems are getting wider coverage, including in OHJ. What follows is in-depth, on-site coverage of two technologies, which have the somewhat confusing names "mini duct" and "mini split," plus updates on other techy ways to save energy without ripping out plaster. BY MARY ELLEN POLSON





winterizing a new mini-duct system. If you do not close off the ceiling ducts and attic returns, moisture will accumulate in the system and may cause damage as well as mold issues. ing. ABOVE Mini-duct outlets are small and may be ordered in colors that match the ceiling or wall.

## mini duct systems

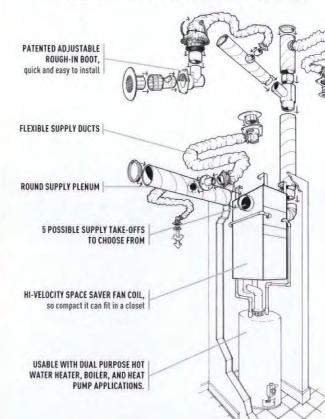
Old bouses simply don't bave room for the conventional ductwork a whole-house, forced-air heating and cooling system requires. Ductwork consumes headroom in basements and in kitchens (as soffits). Installing the wall ducts often means losing precious storage space in closets, or disturbing original plaster and even finishes like expensive wallpaper. Mini-duct systems -offered by two companies based in the U.S., SpacePak and Unico, and one in Canada, Hi-Velocity-literally work around those problems with small ducts made of flexible tubing.

At about 3" in diameter, the ducts are small enough to be routed between studs in walls and in cavities under floors and above ceilings. The system works by aspiration, quietly pumping warm or cool air at high velocity throughout house. This creates a gentle circulation pattern that produces relatively even heat from floor to ceiling. Rooms typically feel more comfortable, even at lower temperature settings. The compact ductwork has also been found to leak less than conventional forced-air ducts, which means even more energy savings.

Mini-duct systems are usually equipped with the latest in air filtration and humidification ystems. Tests show they're capable of removing up to 30 percent more humidity than a traditional forced-air system. (The drier the air on a hot summer day, the cooler the house will feel.) The system can add humidity in cold, dry weather for increased comfort. Installation is not without its disruptions, but outlets are smaller than conventional floor grates and can be trimmed to accent or conceal them.

#### MINI-DUCT, HIGH-VELOCITY OVERVIEW

Mini-duct systems still require a furnace or fan coil, but as this diagram suggests, the small, flexible supply ducts can go just about anywhere. Hi-Velocity's system also attaches to a dualpurpose water heater or boiler for additional energy savings.



#### MY EXPERIENCE WITH A Mini Duct Installation

BY DAVID BERMAN

Converting a 1910 Shingle Style house with no air conditioning to one with a whole-house system was not something I took lightly. I have spent my life restoring old houses. If HVAC was in my future it had better be efficient and virtually invisible.

I chose a small-duct aspiration system from a reputable company, but knew that the success or failure of the experience would come down to the local contractor's willingness to be flexible. In my house, almost all rooms were mini-duct accessible through hidden spaces. Even the laundry chute connecting the third floor to the cellar would be used for the coolant and condensate lines, so there was plenty of wiggle room.

I met with all three of the manufacturer-preferred contractors working in my area. The first took no measurements and made no load assessment. (The load assessment determines how many units and components are reguired to efficiently cool the area.) Not surprisingly, that contractor declined to make a bid. The second contractor made two site visits and performed a load assessment. After seven months, repeated calls, and a nudge from the manufacturer, I received an exorbitant quote that suggested a lack of enthusiasm for the job. (Keep in mind that the house is finished, with historic wallpapers,

and the owner is well informed.)

The third contractor preferred by Unico arrived the day after an initial email and gave me a firm quote by the end of the same day. The price was not unreasonable and included all electrical work. I agreed to proceed.

On arrival, the contractor worked out most of the component routing on a map, with changes to be made as necessary. As my house has a gambrel roof, we discovered that we could not get past certain gambrel plate members without substantially weakening the structure. That required having to run the duct hose lines over finished walls in two rooms on the third floor, and in two closets. The decorative solution in one room was to hang a period tapestry over the lines. Perhaps not everyone's solution, but it works for me.

On the ground floor, the map called for two wall returns, on either side of the staircase. In spite of this, the contractor wanted to put in floor returns, as they are easier to install. We had a bit of a go-round over that; I didn't want floor grates, which fill with dirt. After discussing where to put the returns, the contractor started to cut into the wallpapered plaster under the staircase. After determining that off-the-shelf grates would neither fit in the space nor provide enough

air circulation based on size, I came up with my own solution. After adjusting the openings, I fitted the air-return holes with two antique bank-teller grates with fine, wiremesh backing. They look like they have always been there.

Scheduled to take two weeks, the installation took a full month, including down time. Although I would caution "be careful what you wish for," I would do it again. Yes, the plaster dust and the blown insulation that got disturbed created an awful mess, but the crew really was good about cleaning up each day. And, in the end, the Unico system is whisper-quiet and quite efficient. My allergies are less reactive and, with zones set at 74 degrees, the house is wonderfully cool, with comfortably low humidity.

DESIGNER AND WALLPAPER MAKER DAVID BERMAN IS THE OWNER OF **TRUSTWORTH STUDIOS** IN PLYMOUTH, MASSACHUSETTS.



LEFT A six-inch opening for a return duct under the stairs had, at first, a jarring appearance. ABOVE The homeowner/author solved the aesthetics problem by covering the opening with an antique bank-teller grate.

**BELOW** Papered plaster, then wood lath, was surgically removed for the return duct.







LEFT Runtal's flat-panel radiator virtually disappears, taking up no floor space. OPPOSITE (top left, above) Small, square notches are punched into steel sheet metal at precise locations to fit finished fin coils to the radiator panels. • (top left, below) A hydraulic press bends the notched steel to create the fins. (The corrugated pockets capture hot air and channel it upward.) The completed fins roll up at the end of the run and are stacked for transfer. . (top right) Steel flat tubes-future panel fronts-are cut to length with a circular saw.



ABOVE Owen Kantor and Jonathan Wiberg in the Runtal showroom, with a custom towel radiator.

#### SHOPTOUR:

It's possible to visit the Runtal North America showroom in northeastern Massachusetts and have no idea that the company's innovative flat-panel radiators are fabricated, start to finish, in the same building. "We like to call it a combination of Swiss technology and Yankee craftsmanship," says Owen Kantor, the long-time vice president of marketing and sales.

"Few companies can say they manufacture in the U.S. Not only have we been making radiators here since 1989, but we also continue to expand the factory."

Runtal's sleek, Europeanstyle, flat-panel hydronic radiators are composed of thin, flat panels attached to heating fins, held in place on either side by square, tubeshaped headers that carry heated water to the panels. The entire assembly is a mere 15%" thick.

Installed along baseboards or cabinet toe-kicks, a one-

or two-panel horizontal unit can virtually disappear. Radiators may be painted in any of 100 colors to coordinate with wall color or wood finishes, or even appliances. "Architects like our product because they can make it invisible in a traditional home," says Jonathan Wiberg, national sales manager for Runtal's residential division.

Panel assemblies can be curved to fit radius spaces like a bow window, or welded together in a three-sided configuration to fit a bay window. Electric panels—introduced

about seven years ago—are installed by an electrician; hydronic models require a plumber. Like traditional radiators, these work through a combination of convection and radiant heat.

The company also offers flat and round-tube towel radiators, assembled, painted, and finished at the Massachusetts factory, and several items made in Europe. Runtal also offers sleek radiators for steam systems under its Steam Radiators Division.

I watch as two sequential machines form the fin coils. Sheet steel passes through the first machine, which punches small, square holes at precise locations. (These openings permit the finished coils to mount to the back of the radiator.) Then, a hydrau-







lic press crimps and bends the notched steel, creating corrugated pockets that will capture hot air and channel it upward. Panels will be joined to square tubes known as headers that hold the panel assembly in place. First, the header tubes are punched with uniformly spaced holes, which allow heated water to flow into the flat panels at the front of the radiator. Headers are cut to length and fitted with end caps, pounded into place and welded smooth. A threaded connector-to plumb the radiator to the hot water heating system—is drilled into each header.

Now the flat panels and headers are ready to be joined. An automated arm slides a flat tube into place on the header, where a robot welder joins them. The sequence is repeated until all the flat tubes are in place.

Next, a worker feeds the unit face-down into another machine. He places a length of fins, cut to length, on the back of the flat tube grid. The fins are spot welded between the folds to the heating tubes.

A finished top grille and mounts for threaded bolts are attached; bolts help level the radiator on the wall. Fully assembled, the radiator is tested by pumping air into it and submerging it in water. If no bubbles appear, it passes; when dry, it's sent to the paint line. Sprayers apply electrostatically charged epoxy particles to form a skin in the color of choice. In just over two hours, a flat panel radiator is ready to ship.





ABOVE At Runtal North America's factory, Duane Barnard TIG-welds fins to the front panels. LEFT Completed panels and trim covers pass through the enclosed paint station, where they're manipulated by Miguel Dia and sprayed in a single pass. Panels dry briefly, then the color is baked on at 400 degrees.



With minimal ducting, a mini-split compact cassette evenly distributes cool or warm air through a vent not much larger than a conventional forced air return.



#### Ə Slim-duct systems mounted

above or within the ceiling are positioned so that only the grille covering the vent shows, for virtually the same appearance as ducted central air conditioning.

### MINI **SPLIT** SYSTEMS

are so named because a single power pack on the outside of the house can power one, two, or more heating and cooling units on the inside, without internal ductwork. The technology has been available for a couple of decades but is constantly evolving to meet the demands of both the new-build and retrofit markets.

The Halcyon system from Fujitsu, for example, eliminates the need for an evaporator unit as well as bulky ductwork, freeing up space in the attic and basement. Thin copper tubing pumps refrigerant directly to discreet, wall-mounted or concealed units throughout the house. Remarkably, the units work in reverse when it's cold. Even though the system runs on electricity rather than other fuels, a whole-house, mini-split system can cut energy bills by 25 percent, simply because the system does not use ductwork.

While wall-mounted units placed on interior walls are most familiar, newer delivery systems include hidden Slim Duct units mounted above or within the ceiling. Another option is the compact ceiling cassette. Although the unit is larger, measuring 2' x 2', only the grille shows in the ceiling. Cassettes use the latest in turbo-fan technology to distribute chilled or heated air evenly.





WWW.EHEAT.COM 1-800-807-0107



10% OFF

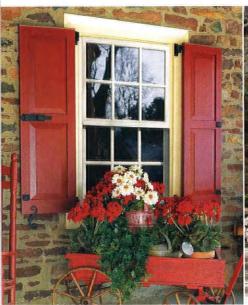
with coupon code HJ1910 at CHECKOUT! ENERGY SAVING & SILENT 4 cents per hour!\* & has no fan!

ULTRA-SAFE & HEALTHY cool to the touch & doesn't blow dust

EASY TO INSTALL & SLEEK installs in minutes & only 2 inches thin!

#### TIMBERLANE

Because every "Welcome Home" moment should be extraordinary



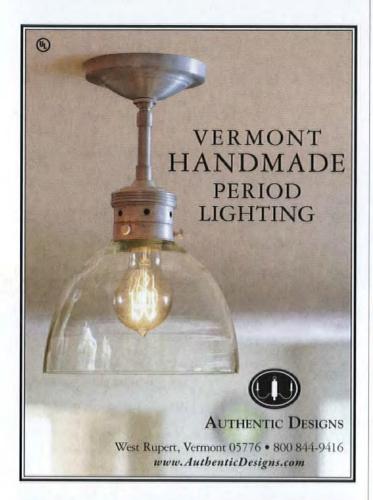


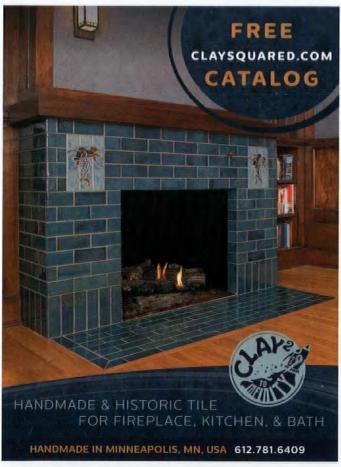


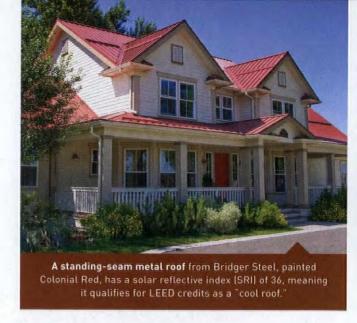
CONTINUING TRADITION WITH HANDCRAFTED, QUALITY SHUTTERS

Historically Accurate | Handcrafted Details | High Quality Shutters

Find Inspiration For Your Timberlane Shutters 800-250-2221 • Timberlane.com/OldHouse



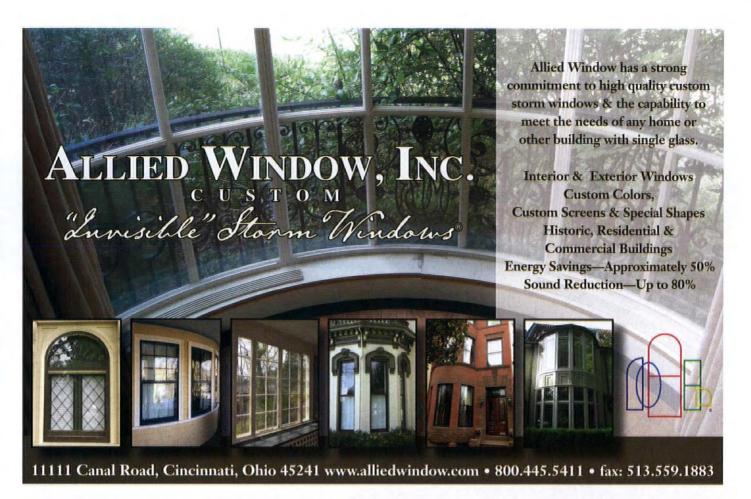




new roof? Look at the SRI (solar reflective index) on the color chart. A pitch-black roof may have a rating of zero, pure white as high as 100. The higher the index, the more the roof reflects sunlight, keeping heat out of the attic and the house. Cool-roofing products are made of highly reflective and emissive materials that stay 50–60°F cooler than traditional materials during peak summer weather. Asphalt roofs use solar reflective granules. With metal roofs, cool-roof colors are created using reflective paint. Bridger Steel's 29 Gauge colors, for example, are almost all cool roof-certified (exceptions: black, Galvalume, galvanized). Cool-roof alternatives exist for clay or concrete tiles, normally with a reflectance of 10–30 percent. By adding highly reflective pigments, manufacturers have boosted it to 25–70 percent.

#### Insulation UPDATE

Hiding out of sight, insulation is one of the best ways to make a house more comfortable and energy efficient. Old-house options usually boil down to adding batt or spray-foam insulation in the attic, and blown-in, loose fill in outer walls. While you might not want to use foam on 200-year-old beams or fieldstone walls, this method is effective in basements and crawl spaces. Combined with a vapor barrier on the floor, dense closed- or open-cell foam is superior at blocking penetration. especially wind-driven cold. Toxic when wet but inert once dry, spray foam requires professional installation (or a self-certification class and an OSHA-approved protective suit). One- and two-part spray-foam kits or cans (DAP, etc.) are user-friendly; use them to seal small voids around window frames, sill plates, and electrical devices.





## **Around the House**

Five very specific fixes can make life more comfortable this winter.

#### 1. POWER OFF PAINT

Address failing paint, stains, dirt, or mildew on any wood surface with this Wood, Decks, and Siding tool. The circular-shape tool never clogs and attaches to a standard 4  $\frac{1}{2}$ " angle grinder with a  $\frac{5}{8}$ -11 thread. \$64.99 Diamabrush, [855] 328-6657, *diamabrush.com* 

#### 2. CONTINUOUS HOT WATER

Part of a family of on-demand water heaters sized for point-of-use to whole-house, the EcoSmart 27 kW tankless electric water heater is equipped with self-modulating technology that can save up to 50% on water-heating costs. \$569. EcoSmart, (877) 474-6473, ecosmartus.com

#### 3. A BETTER DRAIN

Converting a bathtub to a shower for better accessibility? The ProLine stainless-steel shower drain installs flush to the shower floor; the sloping drain is tucked out of sight below. The long, linear style drains quickly, too. \$750 and up. QuickDrain, [866] 998-6685, quickdrainusa.com

#### 4. SAFE HEAT, INSTANTLY

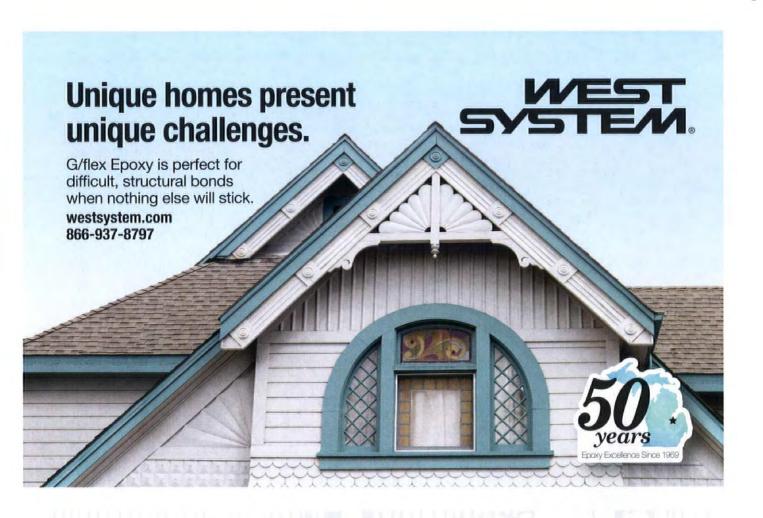
The Envi high-efficiency, whole-room wall heater plugs into any 120-volt outlet, is cool to the touch, and shuts off if the heater is detached from the wall. The 450-watt, slim-line heater has space inside to store the power cord. \$159.95. eHeat, [800] 807-0107, eheat.com

#### 5. LEAK STOPPER

Be alerted to leaks or freezing pipes in real time with the Smart Home water monitor. The WiFi-enabled monitor uses ultrasonic technology to detect leaks; pair it with the Control (\$599) for automatic shut-off, even remotely. \$199. Streamlabs, (770) 691-5524, streamlabswater.com

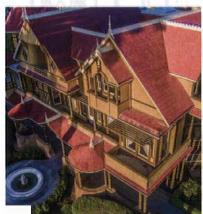


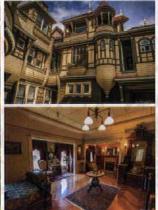


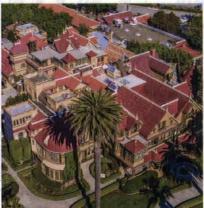


## VISIT AMERICA'S MOST ECCENTRIC & FASCINATING HOME







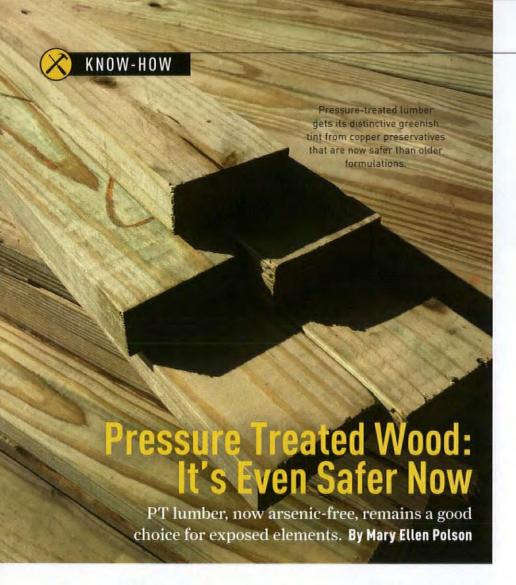




The world famous Winchester Mystery House\* in San Jose, California, is an extravagant maze of Victorian craftsmanship - marvelous, baffling, eerily eccentric, and one of a kind.

TOURS DAILY

525 S. Winchester Blvd. San Jose, CA 95128 | winchestermysteryhouse.com



Made from common softwoods like pine and fir and impregnated with preservatives, pressure-treated lumber is a staple for many types of outdoor construction. The wood offers good longevity (10 to 15 years), at an affordable price, for projects ranging from porch steps and decks to garden structures. Many carpenters and builders who construct and repair porches and decks—even on old houses—swear by pressure-treated lumber, especially for ground-contact use.

For many years, however, PT lumber was treated with chromated copper arsenate (CCA). While highly effective against pests and fungi, the compound is known to be harmful to humans when handled or burned.

PT lumber changed after 2003, when the lumber industry voluntarily stopped treating residential wood products with CCA. Since that time, the lumber has been treated with various water- and oil-borne compounds, with copper as the main ingredient. One of the most prevalent formulations is copper azole, a water-borne preservative. In this compound, the wood is treated in a pressurized cylinder, forcing the preservative deep into the cellular structure of the wood. The copper azole is thus less likely to leach out, enhancing the wood's ability to resist rot, insects, and fungal decay.

The new treatments have their pros and cons, but all are less harmful in terms of human contact and environmental impacts than PT lumber prior to 2003. The new compounds are much safer for use in landscaping and garden structures: Studies show that any copper that migrates from the treated wood becomes biologically inactive and won't harm or infiltrate plants. That said, PT wood should never be burned. It may be disposed of as ordinary trash, however.

Pressure-treated woods are rated for either above ground, ground contact, or heavy-duty contact, and are so tagged on

#### keeping it safe

- → Wear a dust mask, goggles, and gloves when cutting or sanding treated wood.
- → Never compost or mulch treated shavings or sawdust, and don't use it for animal bedding.
- → Do not burn

  pressure-treated wood

  in a fireplace, open

  fire, or anywhere but a

  commercial incinerator.

the end of the piece of lumber. (The tag also contains information on the preservative used, the retention level, and even where the lumber was treated.) It's OK to use above-ground lumber in situations where the wood won't come into contact with the ground or any vegetation, and also for anywhere the wood can dry out easily and is well ventilated, as with a deck bench or the rafters on a pergola.

Ground-contact lumber is intended for use wherever the wood comes into contact with either soil or vegetation; examples include fence and deck posts and land-scaping elements. It also makes sense to use ground-contact lumber for structural members, especially wherever the wood is poorly ventilated, subject to recurrent wetting, or is difficult to maintain or replace, such as a joist beneath a deck.

Heavy-duty ground-contact lumber (usually 6x6 posts or larger) is available for posts supporting permanent structures, for use in tropical climates, or for where the wood may be splashed with salt water, such as a dock.

Above-ground lumber typically retains the least amount of preservatives—about half that of ground-contact lumber. And heavy-duty ground-contact lumber can retain twice as much preservative as regular ground-contact lumber.



#### TRADITIONAL+ NEW TECH

As old-house owners know, the better the material, the longer it lasts, especially for porch decking, posts, and other elements exposed to the weather. The best natural woods for outdoor structures are dense, insect- and rot-resistant species, including Western red cedar and such tropical woods as Honduras mahogany. They tend to be much more expensive than pressure-treated lumber. Composite decking that combines wood

particles with plastics or resins can last for decades, but the material costs substantially more than pressure-treated lumber and requires some maintenance. It's susceptible to mold, for example, and leaves and pollen can stain a composite deck as easily as one made of pressure-treated lumber or ipe (a very hard, dense South American wood). • Repairing or replacing turned posts, columns, brackets, and fretwork may be cost-prohibitive in wood, and it's almost impossible to find lumber comparable to the old-growth wood from which original elements were made. Cast columns made of blends of fiberglass, resin, and stone dust are one alternative to wood. Synthetic PVC composites, which can be cut, sawn, and shaped, are an alternative for replicating missing fretwork and other exposed decorative pieces. The material doesn't shrink or swell, and may last longer than wood. Once painted, it's hard to tell it's not wood.



TOP Western red cedar is naturally decay resistant and less expensive than tropical woods, making it a good alternative to pressure-treated lumber for some uses. LEFT Chadsworth's architecturally correct Polystone columns—made of fiberglass, resin, and marble dust—are stronger than wood and last longer in areas exposed to water.

Because the wood may still be "wet" when on the lumberyard shelf, deck boards may shrink slightly during or after construction, a consideration in design and joinery. Since most PT wood contains copper, check the manufacturer's specifications for potential contact with other metals, such as fasteners. Micronized copper azole, for instance, can safely

come into contact with coated aluminum flashing and gutters.

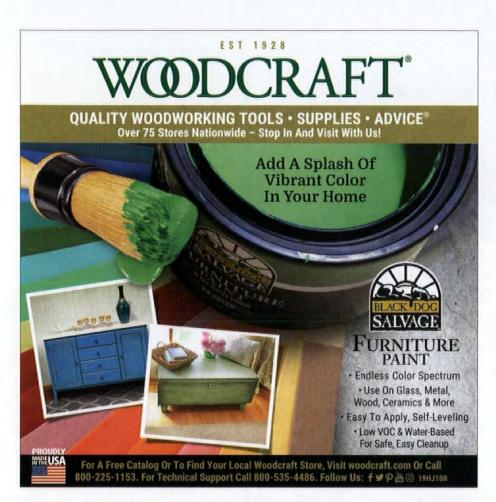
After the project is finished and dry, pressure-treated lumber should be sealed and stained or painted. Surfaces usually require refreshing every three years or so, and a deck may need cleaning (with a mild detergent and a soft bristle brush, not power washing) annually.

#### selected sources

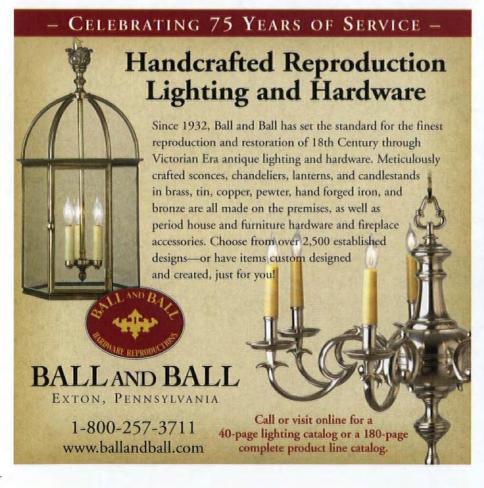
- Advantage Lumber advantage lumber.com Tropical/domestic hardwoods: lumber
- Aeratis aeratis.com
   Wood-look composite porch
  planks & ceilings
- American Porch Architectural Details americanporch.com Wood and PVC porch posts, columns, balustrades, etc.
- Bear Creek Lumber
   bearcreeklumber.com
   Tropical hardwoods; lumber
- Chadsworth shop.columns.com
   Architecturally correct columns
   and trim in fiberglass, PVC, wood
- Cinderwhit cinderwhit.com
   Porch parts in Western red cedar
- Lonza Wolmanized Wood see dealers Copper azole- and borate-treated lumber/building products
- McCoy Millwork mccoymillwork. com Porch flooring, periodcorrect porch rails; cast composite columns
- Pro Wood Market prowood market.com Architectural porch parts in wood
- Woodway Products
   woodwayproducts.com Fencing,
   gates, lattice, screens
- Yellawood yellawood.com
   Environmentally friendly PT
   and kiln-dried after-treatment
   decking, porch columns,
   architectural trim



**ABOVE** A standard building material, PT lumber can be used in contact with the ground and is affordably priced.



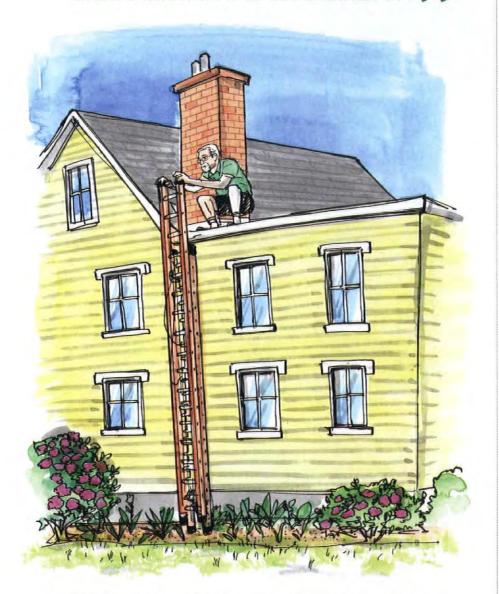








#### **66** For three decades I've been a conservator, restoration consultant, and on-scene fixer. I know how to use a ladder . . . ??



At home, while moving from a roof patch to a chimney repair several feet away, I figured I'd just drag my extension ladder from my perch on the roof. The ladder hit a clod of dirt, then "jumped" and the bottom hit the wall below. I had to hold the ladder vertical so it wouldn't fall and damage something. Finally, my wife rolled into the driveway and rescued me. -Ray Tschoepe

#### THE FIX

Because of the length of the ladder and the flat pitch of the roof, I was able to move the ladder by its base, not by pulling on the fly. I could see the bottom of the legs and the ground was level. Still, moving a ladder 5' while remaining on the roof would have been a personal best. As it happened, I wasn't in real danger, but I wasted 20 minutes.

Nevertheless! Statistics tell us that most roof-related fatalities result from falls of 10' or less. Maybe this is a good time to review basic ladder safety. One rule (which I broke that day) is never to be alone when you're using a ladder. A spotter can help move the ladder and set it at an appropriate, safe angle. You or the spotter must be able to see the feet well enough to tell if they're resting on uneven ground, which is the #1 cause of falls, according to the Consumer Products Safety Commission.

Anyone with a passing interest in restoration has heard horror stories about someone who fell from a roof and broke an elbow or a leg-or hit his head and died. Ignoring normal precautions is especially dangerous on steep, slippery surfaces. (Roofing as a profession ranks #4 on the list of riskiest jobs, according to the Bureau of Labor Statistics.) Be especially careful when working on a high or pitched roof. Don't work on a roof in wet conditions. Know your limits. -R.T.



## **Window Sash to Mirror**

Copper-clad wood window sashes from an iconic building find new uses. By Brian D. Coleman

New York City's iconic Flatiron Building is undergoing major renovation and upgrades, following the departure of long-time tenant Macmillan Publishers. Olde Good Things had salvage rights to the famously drafty copperclad windows that remained. The company sells these as-is, or cleaned, prepped, and even silvered for use as mirrors.

James and Michelle Morgan of Union Square recently bought a large windowmirror to use in their apartment, which is in an 1891 former Woolworth's warehouse with 13' windows and 21' ceilings. "We like to use salvage, and we needed something that goes with the industrial aesthetic," they say.

Designed by Chicago architect Daniel Burnham, the 22-storey Flatiron Building (named for its triangular shape resembling a cast-iron clothing iron) was built in 1902.

**ABOVE** Copper-clad window sash from NYC's Flatiron Building (inset) became industrial-chic mirrors: *oldegoodthings.com* 

THE COST	
VINTAGE SASH	\$25 AND UP
MIRROR	\$ 200 AND UP
SUPPLIES	\$65
PLYWOOD	\$10
WIRE, SCREWS	\$10

TOTAL \$310 AND UP

#### the process

#### 1. SET UP

Turning a vintage window frame into a mirror is usually a DIY project. Decide which side of the window you want to see with the mirror; usually that's the inside of the sash, as it may be fancier, in better shape, and even retain old hardware. Use a sturdy worktable and be sure to wear gloves and safety glasses to prevent injury while working with fragile glass.

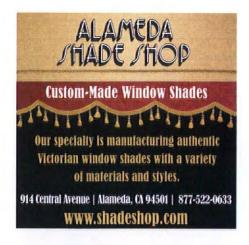
#### 2. REHAB THE FRAME

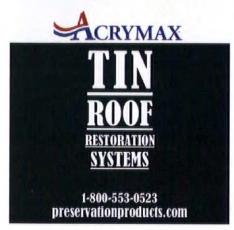
Remove the glazing putty so that you can take out the glass. Work slowly and carefully with a chisel and scrapers; you can try heating the putty with a hairdryer or heat gun (but shield the glass to prevent cracking). Use needle-nose pliers to pull out the tiny metal glazing points. Keep glass if necessary as a template.

Clean a wood window with paint remover or a wire brush, using a Dremel tool if needed. Finish with a light sanding and seal the wood with Benite wood sealer, or use semi-gloss finish paint. Some people recommend painting the inside perimeter of the "frame" matte black, to avoid reflections in the mirror.

#### 3. ADD THE MIRROR

Draw a pattern of the frame (the old sash) on 1/8" plywood, and have a mirror cut to fit. If you plan to use the piece in a damp area, spray the back of the mirror with shellac to avoid spotting. Rest mirror in frame, then caulk the back sparingly with mirror silicone and let dry. Screw or nail in a backer board made of 1/4" plywood, to prevent glare or transparency in the mirror. Use screw-eyes and wire on the back for hanging; if it's large or heavy, attach it into wall studs, or use cleats.

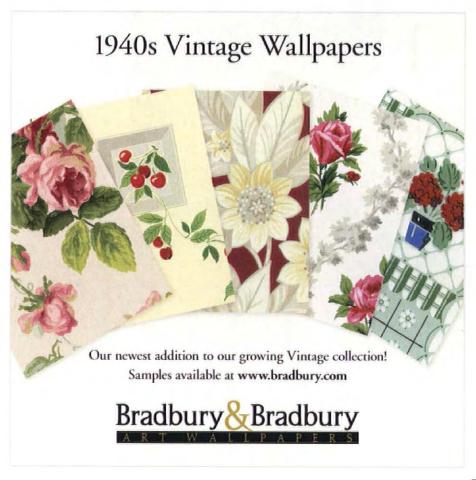


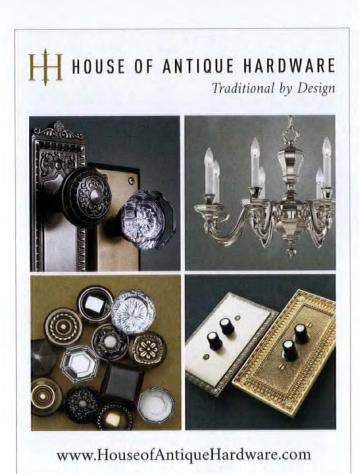


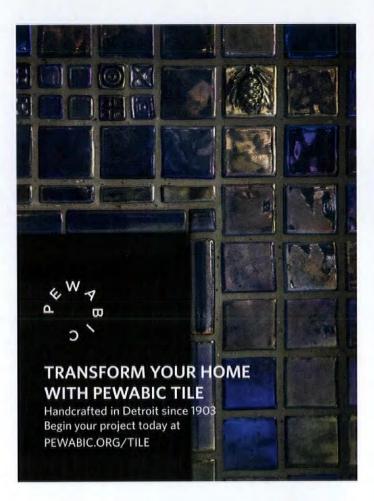














Nu-lok™ offers an alternative installation method for slate roof installation that creates a genuine slate roof using up to 40% less slate! The reduced roof weight makes slate a great cedar shake upgrade with no additional structural support needed.

Include **Nu-lok's SolarRoof™** photovoltaic solar panel system — an elegant integration of solar technology with the beauty of a slate roof.

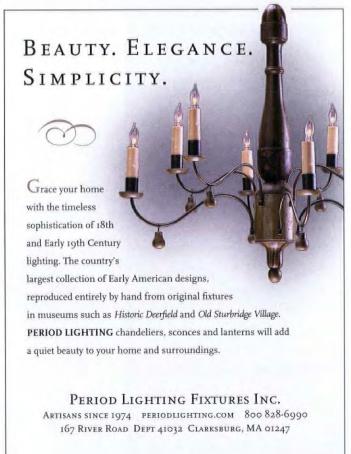
Available with all Greenstone Vermont slate colors and blends, plus Greenstone's 100-year slate guarantee.

A 100-year roof keeps up to five asphalt roofs out of a landfill! Learn more at greenstoneslate.com.



GREENSTONE SLATE®

www.greenstoneslate.com/nu-lok • 800-619-4333



## Quick-patching a Shingle Roof

If you're lucky enough to have a traditional shingled roof in which shingles are fastened to open lath, inspection and repairs are easier. This method allows you to see the underside of the slates, tiles, or wood shingles from inside the attic. Because these roofs, by design, vent efficiently, there is no need for ridge or gable vents. Another advantage you may not have considered—unless a shingle was broken by a falling tree limb or blown away in a storm—is that a leak can be repaired, at least temporarily, from the safety of the attic. Autumn rains and the threat of winter keep roofers busy; before they can schedule your repair, stop the leak yourself using ordinary aluminum flashing, available at most home centers. By Ray Tschoepe



FASTEN HERE

WITH SMALL

NAILS

SLATE,

TILE

FLASHING

WOOD OR

#### FROM INDOORS, USE FLASHING METAL

Cut a piece of aluminum several inches narrower than the missing shingle and 12" to 16" inches long. From inside, locate the gap. Slide the flashing over the lath, above the opening and down over the open seam. Mark the flashing at the top of the lath. Remove it and bend it crisply over a block of wood. Place the formed end over the lath and re-insert the flashing, bending it again over the back of the lath. A couple of small nails through the metal into the lath will keep it in place.

## Repairing a Torn Seat of Pressed Cane

Not all cane seats were woven in place. Since the 1890s, a machinemade material has been used. **By Lynn Elliott**  Pressed-cane seating—also called cane webbing or mesh—is a machine-woven, ready-to-use rattan material. It becomes dry and brittle over time, and may tear or break through. Happily, the material is still available and easy to replace. (Try peerlessrattan.com and vandykes.com) Make the chair good as new in a few hours! • How do you know if your seating is pressed cane? Just look at the chair seat. If the cane material is pushed into a groove, rather than woven



STEP-BY-STEP

#### STEP 1

Soak the pressed material and the new spline for 20 minutes—no longer. Carefully score along the inner and outer edges of the old spline with a utility knife to break the glue bond. Take care not to gouge the wood. Next, lightly tap a spline

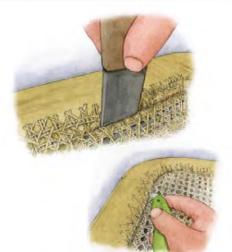


chisel with a hammer into the spline to break a piece of it. Working on an angle, go around the seat to remove the old spline. Slide a chisel between the cane seat and the chair to pry it out of the groove. Clean glue and debris from the groove with the awl. With medium-grit sandpaper, gently smooth rough edges.

into holes, it's pressed cane or mesh.

#### STEP 2

Position the new cane over the bottom of the chair with 2" of overlap around all edges. Starting at the front, align a row of the woven cane with the front edge of the seat. Check that sides square up



with the cane pattern. Use a wedge to press a small section along the front into the groove. (You can tack it in place with

#### ABOUT Pressed Cane

Woven cane seating goes back thousands of years, but pressed cane seating has a more recent history. In the 1890s, when the manufacturing of chair frames improved, a machine was developed to weave sheets of cane. This was pressed into a groove around the seat of the chair. Replacement pressed cane may be ordered online, in a variety of patterns. The most common type is open weave—a lacy pattern—but you can get herringbone, closed, open box, modern/Swedish, and radio weave. The distance between the holes runs from 3/6" to 1" (measure yours from the center of a hole in the weave to the next hole). The spline, which is made of reed, ranges in size from 5/16" and is sold by the foot. Measure the groove for the size you need. Also sold are repair kits that come with everything you need: wedges (sometimes called pegs), an awl, the pressed cane, and spline. Check sizes before ordering.

#### What if it's just sagging?

Renew a saggy seat and prevent breakage with a simple step.

Moisten the cane with a damp rag or sponge. Avoid wetting the chair frame. When it's dry, the cane should have tightened up.

another wedge.) Repeat along back and each side. Check and adjust as needed. Next, work on a front corner. Pull off a few diagonal threads of cane—not too much—outside the groove to make it easier to press it in. Press cane into corners with the wedge and work outwards along the front, then the side. Use a hammer on the wedge, but gently so the cane doesn't break. Finish working around the chair.

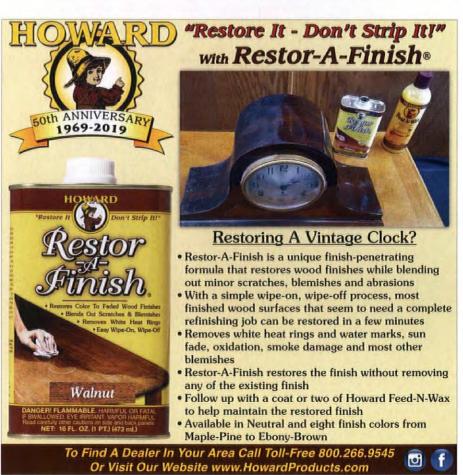
Using a utility knife or a sharp chisel and hammer, trim excess cane, cutting slightly below the chair edge along the outer side of groove. Press loose cane again with a wedge. For rounded corners, trim only with nippers, and work on them last.

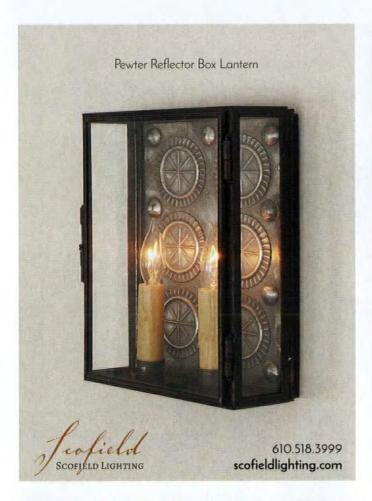


#### STEP 3

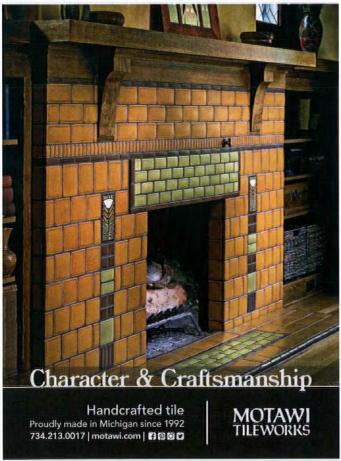
Apply a thin bead of wood glue along the groove. Start the spline at center back. With nippers, trim the end at a 45° angle. Tap spline into groove with a hammer, all the way around, bending around corners. At the back, leave 2" of spline loose, overlap the first end, and use nippers to cut an angle in the untrimmed end for a finished joint. Wipe excess glue with a damp rag. Allow it to dry for at least 24 hours, then stain the cane as desired.













wallpaper is hard to remove; it's even worse when wallpaper was applied directly on drywall. BOTTOM An extended half-Cape with an ell and a wing is typical of the Royal

Barry Wills firm.

When I began removing wallpaper in a powder room, I found that someone had painted over a first layer of wallpaper that had been glued to the drywall, with no primer. I am stumped on how to remove it without damaging the wall surface. —Peggy Beal, via web

This is a difficult, messy project. The usual advice to score (the painted-over paper), steam, and scrape won't keep you from damaging the paper face of the drywall. You might try really soaking the wall after you've removed the top layer of wallpaper: Tape plastic tarps over the floor and lay a thick pad of newspapers along the baseboards. Score the painted paper, use a wallpaper steamer and sponges, wait 20 minutes, and try sliding a putty knife under the wallpaper. The wetting may have softened the adhesive enough to allow you to lift the paper off without removing the

drywall face. Immediately clean away any glue sludge left behind, using a wet, plastic scrubbing pad—don't let it dry and re-adhere.

Other things to consider: Skim coat over stripped areas, well-adhered paper, and gouges; then prime and finish. Over well-adhered paper with intact seams, try an oil-based barrier coat/stain blocker like Kilz to seal everything before repainting or repapering. (If you just paint over papered walls, you will probably get wrinkling and show-through.) Be aware that this will make the troublesome layer even more permanent. —Patricia Poore

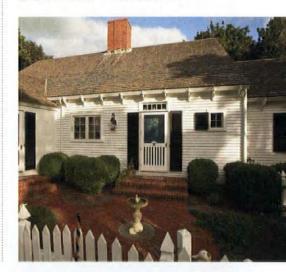
#### ASK OLD HOUSE JOURNAL



I love Cape Cod houses, and am searching for designs for a house that looks like it naturally grew over the years, with additions. I don't know what to call these houses or that style.

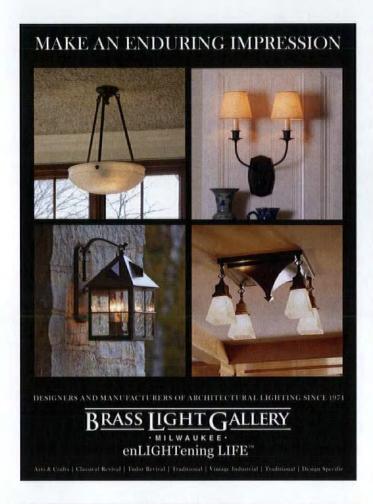
-Dennis D., New England

The famous book about the connected farmhouses of New England is *Big House, Little House, Back House, Barn* by Thomas C. Hubka (1984, 2004). "Telescoping additions" are those that are secondary to the main block (the old house), usually set back from it and lower in height. The 20th-century Colonial Revival architect Royal Barry Wills made a career of designing traditional houses that appear to have grown over time. Look for the family firm's retrospective 2013 book *At Home in New England: Royal Barry Wills Architects* 1925 to Present. —Patricia Poore

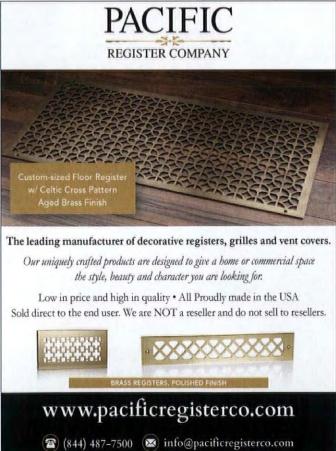












#### **MELTON WORKROOM**

Prairie Textile Design for the Arts & Crafts style and beyond



Custom Curtains, Roman Shades, Roller Shades, Table Linens, Bedding & more. Stenciling & applique.

Reach out and learn more!

info@meltonworkroom.com

213-614-1757

www.meltonworkroom.com



## INSPIRE



66

A VISIT TO THE PIGEON INN
Restoring a historic 1760 house.

+ TRADE & TAVERN SIGNS

76

**FORMALITY AT CHITTENDEN**An important 1796 Vermont house.

+ PATTERNED BRICKWORK

84

FUNDAMENTAL FARMHOUSE
Right out of a 19th-century novel.
+ WHAT IS TRAMP ART?



he Georgian-style, center-chimney Colonial house sits aloft on a miniature hillside where two dirt roads converge in Woodstock, Connecticut. This was once a busy thoroughfare for travelers en route to Boston, Hartford, or New York. During the Revolutionary War, Captain Henry Child converted his home, which he'd built in 1760, to the Pigeon Inn, to accommodate weary soldiers.

"At the peak, there were 45 inns and taverns in Woodstock alone," said Peter Howard, who owns the house with his artist wife, Heidi.

A direct descendant of the Child family occupied the dwelling until 1920, when it was sold to Stanley Bednarz. The Darbee family purchased it in the 1950s; Herbert Darbee was associate director of the Connecticut Historical Commission.

# a visit to the PIGEON

Owners steeped in Colonial-period history finish the restoration of a 1760 house that served as an inn during the Revolutionary War.

STORY AND PHOTOGRAPHS BY CARYN B. DAVIS







and a curator at Old Sturbridge Village, so his efforts restoring the neglected house were carried out with integrity. After the Darbees passed away, their son Greg continued the work, through 1993. The family replaced clapboards; rebuilt the chimney, which had been removed above the roof; reinstated the 12-over-12 window sash that had been switched to 2-over-2 around 1900; and reconstructed the hearth in the keeping room.

A fire had ravaged the West Parlor and front hall of the house during the Darbee years. So floorboards taken from the attic replaced the burned ones in the parlor, and also went into the ell kitchen, added in 1890. Before that, the keeping room had served as the kitchen.

When Heidi and Peter Howard bought the property in 2015, they became only the fifth owners in 259 years. Most of the major repair work already had been done.

"Before us, it was a rental," Peter says:
"carpets, big TV sets, fluffy couches. It was a
little bit nauseating. We couldn't wait to pour
ourselves into it," he says—"introducing our
aesthetic," Heidi adds.

The couple removed carpeting, painted the exterior, changed dark-blue trim in the East Parlor to a period salmon, and painted trim in the master bedchamber moss green.

Heidi is a painter and artist who long specialized in trade signs. She painted a mural that fills every wall in the East Parlor, inspired by the work of 19th-century folk artists Rufus







**LEFT** In the West Parlor, window treatments are by Lynn von Conta, Heidi Howard's mother. The birdcage Windsor is by Joe DeLuca. Heidi paint-decorated the reproduction pantry sideboard and vintage chest with dots. **ABOVE** The east end of the Keeping Room is furnished for dining. The sawbuck table was found in Maine; Windsor chairs are by Joe DeLuca. The stepback cupboard is by Gregory Vasileff; it holds redware by Greg and Mary Shooner and other pieces purchased at Old Sturbridge Village. **BELOW** The mural shows the Pigeon Inn as the artist imagined it early on. The Steinway piano dates to the 1930s; the oriental carpet was bought at auction. **BOTTOM LEFT** Howard made the shelving out of antique boards with original wallpaper.

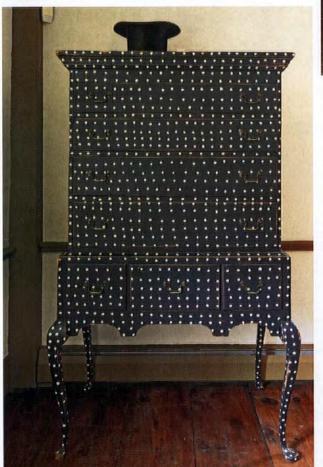


69



### A family of artists

Heidi Howard paint-decorated the reproduction sideboard and the vintage chest as well as the highboy in the master bedchamber. (The trampart pigeon in a cage is by David Schump.) She belongs to a generation of folk artists and furniture makers who have kept traditional craft alive. Many of them have known each other for years. Howard's actual family also made contributions to the house: watercolors (including one in the photo at right) are by Peter Howard's mother, Helen Howard, who also stitched samplers; window treatments and slip-covers are by Lynn von Conta, Heidi's mother.







TOP LEFT Artist Heidi Howard poses in front of her mural inspired by the work of Rufus Porter and Jonathan Poor. ABOVE The game board is antique; the birdcage Windsor is by Joe Deluca. The table was purchased at auction. The fish weathervane sculpture was made by the late Wayne Ayers. FAR LEFT A 19th-century beaver top hat sits atop the vintage highboy. LEFT The Hatter trade sign and beehive fireboard in the West Parlor are by Heidi Howard. Tin sconces are reproduction (source unknown).

Porter and Jonathan D. Poor. The mural includes the Pigeon Inn, as Heidi imagines it in its heyday.

Paintings by Helen Howard, who is Peter's mother, hang on walls throughout the house. She models her style after portrait painter Joseph H. Davis. Heidi's mother, Lynn von Conta, contributed her handcrafted slipcovers, curtains, window treatments, and pillows.

Both Heidi and Peter love antiques, a fondness that developed from having lived in period houses their entire lives. They admit that certain practicalities come to bear on the purchase and daily use of antiques.

"Twenty-five years ago we couldn't afford antique Windsor chairs at a few thousand each—but there were lots of great reproductions being made, which are practical. You don't worry about breaking them," says Peter. "They can be made like the originals and finished to look like true antiques. Otherwise I wouldn't be comfortable furnishing our 1760 house with reproductions."



**ABOVE** At the west end of the Keeping Room, for the "make-do" loveseat—which was constructed from parts of an antique bed—Heidi Howard made cushions and pillows out of vintage fabrics. **BELOW** The old Keeping Room is centered on a large fireplace with a bake oven. Chair and footstool are authentic reproductions.





ABOVE Floorboards for the redone kitchen came from the attic in the 1760 part of the house. The canvas floorcloth is by Ashley Garland. Watercolors are by Helen Howard. Ceramics on the island are by Sandy Malamed. The Shaker-style stools were found at Brimfield.

opposite (middle) Window treatments and bed hangings were made by Heidi Howard; floorcloth by Ashley Garland. The coverlet is vintage. The bed is a reproduction. As a paint artist, Heidi recognized the people who do finishes well and knew where to get high-quality furniture. The Howards have relied on DeLuca Windsor Reproductions in Pennsylvania, who made their chairs: "Joe is amazing with finishes and the chairs are very well constructed," Heidi says.

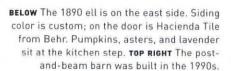
More recently, with the antiques market much softer, Heidi and Peter have managed to procure some 18th-century pieces from the Brimfield (Mass.) Antiques Show, including a small tavern table in the East Parlor. "Actually, I am exploring antiques dealing as a second career after I retire," Peter reveals, "so I do a lot of studying. If I find something good enough, we get it. I like filling in. Sure, we'd love to have all antiques, but it's just not

practical," he says.

The house and the reproductions represent the period from 1750 to 1800, but the Howards are not fanatical. They haven't felt the need to cover their refrigerator with barn boards or do away with recessed lights. Oddly enough, though they embrace reproduction furniture, they aren't fans of reproduction houses.

"We lived in a reproduction house once. From afar it looked liked an old Colonial—but then it didn't have the same smell, or crooked angles, and of course it didn't have the history that gives an antique house character," Peter explains. "When you've grown up with that, it becomes part of your being. Every couple of decades adds a new layer to an old house and it just keeps getting better."

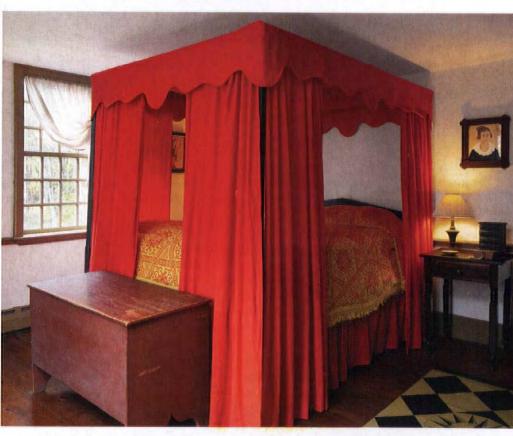






More Online

Bedroom furnishings: oldhouseonline. com/interiors-anddecor/furnishinga-bedroom-in-acolonial-house









# TRADE AND TAVERN SIGNS

#### BOTH ADVERTISEMENT AND PUBLIC SERVICE, THEY ARE A SIGNIFICANT FOLK-ART FORM.

After she graduated from the Rhode Island School of Design, Heidi Howard says she went through "that natural artist progression: nomad, waitress, seamstress, hatter, mother—and, ultimately, historic trade- and tavern-sign painter." She's moving on in her art now, focusing on paintings and sculpture that continue to be informed by historic objects and material culture. But for 15 years, Howard created trade signs in the style of 18th- and 19th-century sign painters.

She used salvaged 100- to 200-year-old boards, painted and lettered by hand. "The wood I used has a lot of aging already because it's so old, but I also used sandpaper or hit it with a hammer or a chain, to make it look older," she said.

Howard produced both historic-reproduction signs and custom work. "I'd ask clients for their ideas. Sometimes they pulled out a picture of their house; sometimes they'd ask for a sign based on an ancestor's vocation, or an iconic symbol, or they'd just want a sign with the name of the family homestead or farm."

The signs' boards and mouldings were assembled with antique iron nails. Years ago, Howard was given a giant box of hand-cut nails that had been removed from a house being torn down. The box is almost empty now.

HER INTEREST in this particular form of folk art dates to 2003, when Heidi Howard saw an exhibition of tavern signs from the collection of the Connecticut Historical Society. That exhibition, along with a book written to accompany it, continue to be the best source of information about early American trade signs. According to curator and author Susan P. Schoelwer, a "tavern sign" is typically a wooden signboard painted on both sides with

a combination of images and words and equipped with oftendecorative, forged-iron hanging hardware.

Tavern signs came about as a practical way to identify dwellings licensed to provide food or lodging—i.e., "public houses." Based on the number of licensed taverns, one estimate is that 5,000 tavern signs were produced in Connecticut between 1750 and 1850. Because they were made of wood and exposed to the elements, only about 100 (2%) are known to have survived; nearly 70 of these survivors are at the Connecticut Historical Society.

The collection is well documented, thanks to Hartford insurance company president Morgan B. Brainard, who began collecting signs in the 1920s. Given his antiquarian interests, Brainard linked the signs to towns and even to individual owners, through research of tavern licenses, newspaper advertisements, and other primary documents.

Schoelwer points out that tavern and trade (business) signs incorporated three craft traditions: woodworking, painting, and metal-smithing. Surviving signs from the 1700s are characterized by relatively complex, sophisticated woodworking and simple, unsophisticated painting, she says; this corresponds to the profusion of woodworking shops at the time contrasted with a scarcity of trained painters. On the other hand, 19th-century signs tend to have simpler woodworking but more sophisticated imagery. Original hardware often has been lost or replaced.

Although their decorative motifs and styles of imagery are notable themselves, trade signs are not only folk art. They also serve to document the visual language of advertising, and to offer insight into daily life, travel, and the patriotic sentiments of the time.



ABOVE "Stiles Tavern" is an imagined sign by Heidi Howard. BELOW The Arah Phelps Inn sign., ca. 1826, by esteemed sign-maker William Rice. BOTTOM "Temperance" is a reproduction by Peter Koenig, mixed media on pine. OPPOSITE "Fox Run Farm" is original work by Heidi Howard, not a reproduction.











ABOVE Carter's Inn sign, Clinton, Conn., ca. 1823, attributed to Solomon Jones & Thomas K. Bush. BELOW Bissell's Inn post-and-rail sign, South Windsor, Conn., ca. 1777, woodwork by Eliphalet Chapin. LEFT (top) "One Eyed Ox" is another original Howard design. The ox in the painting has a leather eye patch. (below) "J. Porter Inn" is a reproduction sign by Peter Koenig.



#### resources

> HEIDI HOWARD (retired). See works for sale at squareup. com/market/heidi-howardmaker-and-painter

> PHYLLIS HAWKES STUDIO phyllishawkesstudio.com/ antiquesigns.html Replicas of original signs with attention to shapes and mouldings.

> THE 13TH COLONY the 13th colony.net Wisconsin-based seller of folk-art signs.

> VINTAGE SIGN STUDIO vintage signstudio.com Museum-quality reproductions and original design by Peter Koenig; the artist uses new and aged wood (including old shutters, doors, etc.) with techniques developed over time.

> WALKER'S COLONIAL AMERICAN SIGN COMPANY colonialamerican signcompany.com Hand-painted reproduction and custom signs of museum quality; if specified, for exterior use.

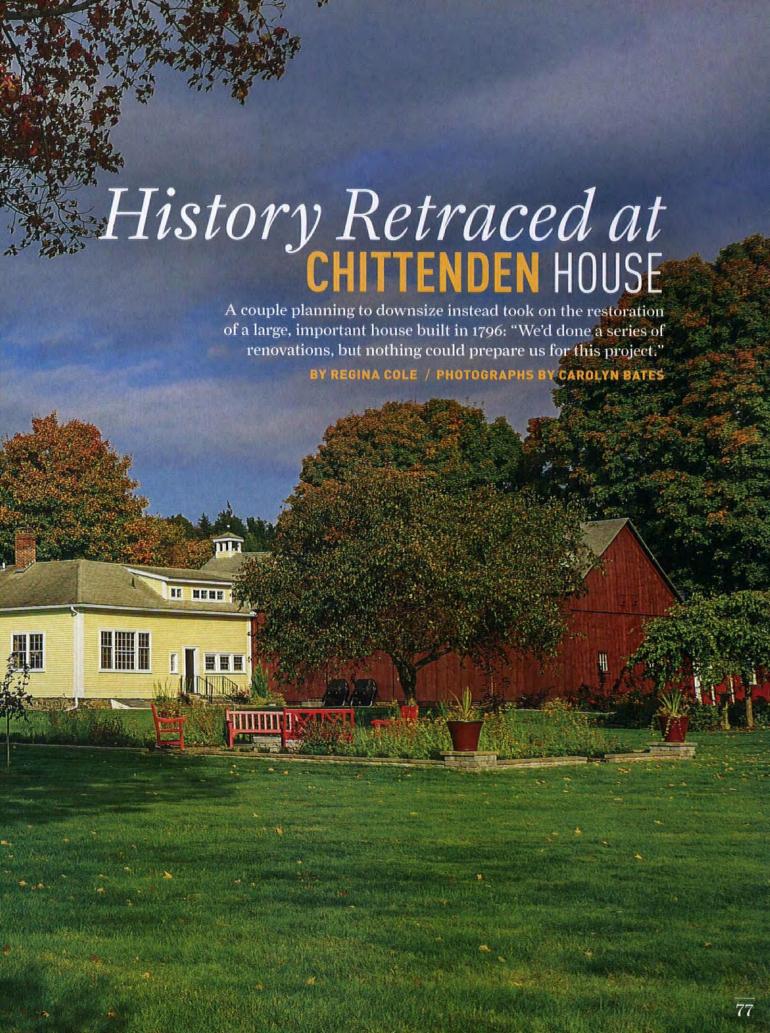
> WILLIAM MEYERS PAINTER & MAKER wmpmsigns.com Handpainted authentic tavern and trade signs on old barnboard.

> CONNECTICUT HISTORICAL SOCIETY chs.org Dating 1749–1892, signs in this collection have hung for over half a century in the museum headquarters on Elizabeth St. in Hartford, Conn.

connecticuthistory.org/tavernsigns-mark-changes-in-travelinnkeeping-and-artisticpractice/

> LIONS & EAGLES & BULLS: Early American Tavern & Inn Signs from the Connecticut Historical Society ed. by Susan P. Schoelwer, 2000. Through amazon.com and antiquarian booksellers. Widely lauded exhibition catalog includes 177 illustrations.









e were living in a 4,000-square-foot house in Dallas," Dan Dixon explains, "and we planned to downsize. We'd vacationed in Vermont, and appreciated that it was a marriage-equality state. But it turned out that the house we fell in love with has eight bedrooms, measures 6200 square feet, and is listed as one of the 10 most historic houses in the state. So much for downsizing!"

Dan and his husband, Bob Ivancic, moved from the Lone Star State to the Green Mountain State in 2011. Their home in Jericho, 15 minutes from downtown Burlington, is known as the Governor Martin Chittenden House. Its construction dates to ca. 1796, when Martin Chittenden married; the house was probably a wedding present from Martin's father, Thomas. Thomas Chittenden was Vermont's first governor, and Martin followed him in politics, serving as the state's eighth governor during the War of 1812. He'd also served as a delegate to the Constitutional Convention from 1791 to 1793.

The five-bay, two-and-a-half-storey, red-brick house with a prominent Palladian window over the entry had seen some alterations. The attic shows evidence of an original hip roof, and the rather flamboyant, broken-pediment door surround dates to after 1940. Photos taken in the late-19th and early-20th centuries show that the house had been painted white. But the form of the





ABOVE In the small parlor adjacent to the formal living room, a round table hosts hotly contested games of Pinochle every Thursday evening. LEFT The symmetrical, five-bay house is typical of the Georgian era. OPPOSITE (top) The pride of the formal living room is the original overmantel painting on board. It contains various patriotic references, including an American flag with 16 stars and stripes, which helps date the house to 1796. (bottom) The center hall is an imposing space. Here, the homeowners found stenciling on the walls, now safely preserved under wallpaper.



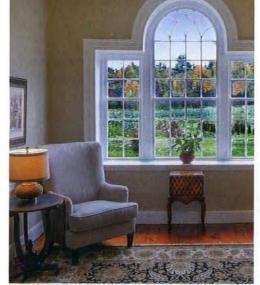
# **ARTISTIC BRICKWORK** Chittenden House's most striking exterior element is the distinctive, diamond-pattern, Flemish-bond brickwork in east- and west-facing gable ends. It endeared the house to today's owners.

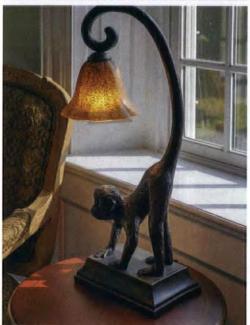
"It's an unusual design for Vermont," Dan Dixon says. Another house, in nearby Richmond, has the same gable ends, but that house was built about 20 years later. The builder is unknown for both houses, but because of the time span it's not likely that the houses had the same builder.

Furthermore, "there are a few other examples in the southwestern part of the state," Dixon explains, "even though this element is more often found in the Hudson River Valley and in Pennsylvania and New Jersey."

Dixon believes that the pattern, which is more expensive and labor-intensive to construct than English-bond or regular Flemish-bond brickwork, was meant to telegraph the social standing of the first owner.







house—three bays deep with gable-end walls laid in a distinctive diamond-checked pattern—remains unchanged. In traditional New England farmhouse fashion, the main block is adjoined on the first floor by a series of rooms, probably additions, rambling back to an ell comprising a barn and garage and service areas.

"The house is built like a fortress, with a foundation that's three feet deep," Dixon explains. "Some plaster had cracked, but the copper roof installed by a previous owner is still good. The house had been neglected for 60 years, so we knew that it needed lots of work and we budgeted for it. But then we got our first heating-oil bill: It was \$1500 for one month!"

Dixon, a retired financial consultant, and Ivancic, a psychotherapist turned immigration specialist, had renovated a series of homes. But nothing could prepare them for the experience of owning a big, 18th-century house.

"First, we insulated, spending a huge chunk of our renovation budget," Dixon says. "We spent endless amounts of time and money on the windows, especially that big Palladian window. We installed a new kitchen, as the original kitchen and a bakery had been in the basement."

The couple updated electrical and plumbing systems and refinished the original floorboards, some of which are 20 inches wide. In some rooms, they added crown moulding.

"If we'd had any idea of what we were getting into, we probably would not have taken this on," says Dan Dixon. "But now that we've done all the work, we have a wonderful home." They like to entertain and find the layout ideal for guests. The broad second-storey hall, lit by the Palladian window, acts as a private sitting room that their guests appreciate. A guest suite occupies one side of the second-floor in the main block; additional guest rooms and an exercise room are found in the rear barn spaces.

RIGHT The revival dining table and chairs were purchased as a set in Dallas many years ago. The owners have found that an eclectic collection of good furniture can live happily in large, neoclassical rooms. TOP The central upstairs landing and hall, behind the Palladian window, functions as an upstairs sitting room. ABOVE Found in Dallas years ago, a bronze lamp in the shape of a monkey is a favorite piece. OPPOSITE (top) End walls are laid in a decorative pattern. (bottom) The house has the generous proportions and fine interior millwork of a home built to impress.





fireplaces, many with lovely surrounds and overmantels. Simple furniture, gentle colors, and a handmade quilt furnish this guest bedroom. The hearth in the bedroom beyond is made from two massive pieces of stone.

BELOW Molly takes over the bed in the wood-lined guest room. Quilts in the house were made by

Dan Dixon's mother.

"The rooms are huge, and we worried about filling them," Dixon says. "But we had a lot of furnishings we moved here from Texas." He and Ivancic found that classic, contemporary furniture is quite at home in the neoclassical rooms.

To choose paint colors, they began with 20 possibilities painted on plywood panels that could move around as the light changed in rooms. They whittled the number down to eight and, after much trail and error, ended up with four gentle tones of yellow, green, taupe, and blue. A wall treatment for the front hall, however, became a dilemma when they uncovered early stencils.

"We didn't really love the look of the stenciling, but of course it is historic and important." Adhering to curatorial practice, they covered it with wallpaper to preserve it for the future.

The formal living room features what might be the house's most important historic document, a painting on the board of the overmantel. It depicts the eagle of the Great Seal of the United States, a liberty pole and Phrygian cap, also known as the Liberty Cap, a Vermont spruce tree, and a United States flag with 16 stars and stripes. It helps date the house to 1796, when Tennessee was admitted to the Union as the 16th state. Thomas Chittenden, the first governor and Martin's father, died in 1797.

Historians speculate that the painting was done by a member of the original building crew. "Or maybe it was done by an itinerant painter who also did the stenciling," Dixon says. "We are proud to have such a historic and decorative element."



# PATTERNED BRICKWORK

### DECORATIVE MASONRY IN EARLY HOUSES ON THE EASTERN SEABOARD. By Patricia Poore

Vermont's Martin Chittenden House (see previous story) once had a twin, built several miles away along the river for Martin's brother Noah Chittenden; it burned down in 1885. Both houses boasted "checkerboard brickwork" in their end walls, laid in patterned Flemish bond. Flemish checker is the most common form of patterned brickwork.

Extant examples of decorative, patterned brickwork occur between North Carolina and Connecticut-with a concentration of houses, built generally by Quakers between 1680 and 1830, in southwestern New Jersey. The National Register nomination for remaining houses called the brickwork "the first recognizable 'architecture of refinement' in New Jersey." Building in brick, rather than wood, was already a "best sort" of architecture; patterns made the brickwork even more refined-and expensive. Roots of the practice are in England, specifically Tudor England.

A commonality is the use of Flemish diagonal bond-a complex pattern of stretcher courses alternating with courses of one or two stretchers between headers, at various offsets so that, over ten courses, a diamond-shaped or diaper pattern appears. Further refinement includes the bricklayer working build-date, and even owners' initials, into the pattern.



Dickinson House, 1754 Perhaps the most famous, if not the most complex, patterned brickwork in New Jersey is found on the John and Mary Dickinson House of Alloway Township in Salem County, built in 1754 (extant). With a large number of vitrified bricks, it displays a symmetrical pattern of diamonds connected with branching diagonals. The vitrified headers were placed stepwise in a wall of Flemish bond. The mason included the initials of the owners and the date of construction; in the numerals, he turned the headers for additional interest. Photo taken in 1936 by Nathaniel R. Ewan, for the Historic American Buildings Survey (HABS).

#### brick GLOSSARY

BOND The horizontal pattern in which bricks are laid. Stretchers create longitudinal bonding strength while headers bond the wall transversely. Most bonds are a variant of English or Flemish. Structural strength may also come from metal ties and the mortar itself.

BRICK A regular, rectangular masonry unit made of fired clay.

CLINKER BRICK Bricks placed close to the fire in a traditional kiln became "clinkers"—dark, pocked, textural, or misshapen. A vitrified (glassy) surface made them look glazed. Long discarded, clinkers became a decorative accent after 1900 for Arts & Crafts houses.

COURSE A continuous row of masonry units in a regularly laid wall.

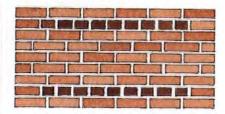
DIAPER A diamond or lozenge pattern; found in Tudor and, later, in American Colonial brickwork

**HEADER** A brick laid flat with its width (not length) exposed.

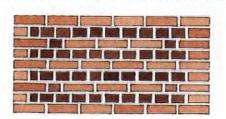
PATTERN BOND Variants of bonds laid to create patterns in the wall. May be accomplished by placements, by recessing or projecting bricks, or by varying brick textures or colors.

SOLDIER A brick laid vertically with its long, narrow side exposed. The word "sailor" is sometimes used for a brick laid vertically with the broader face exposed.

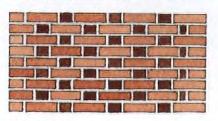
STRETCHER A brick laid flat Ihorizontally) with its long, narrow side exposed.



COMMON (AMERICAN) BOND A variant of running bond (i.e., all stretchers, laid with staggered vertical joints) using a course of headers at regular intervals, every three to nine courses (most often five to seven).



ENGLISH BOND Alternating courses of headers and stretchers. Headers are centered on stretchers, and joints between stretchers in all courses are aligned. English cross (Dutch) bond is a variant without that alignment.

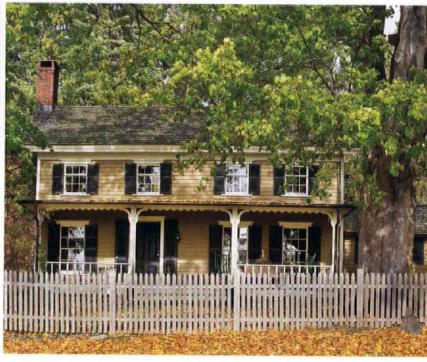


FLEMISH BOND Every course is laid with alternating stretchers and headers, with headers in alternate courses centered over stretchers in intervening courses. Number of stretchers between headers in each course may vary.





RIGHT The 1840 Greek Revival farmhouse is in Columbia County, N.Y. The kitchen addition at the right dates to the late 19th century. ABOVE In a juxtaposition of smooth and rough, delicate Buddhist Kuan Yin figurine lamps sit on a handmade shelf above stacks of firewood.



# Fundamental FARMHOUSE WITH 19TH CENTURY CHARM

Come into this old house in New York's Hudson Valley to find rooms inspired by those described in 19th-century novels. Owner James Coviello is a reader, a traveler, a collector of curiosities, and an appreciator of times past. He's also a talented fashion designer whose work, like his house, is vintage-inspired and detail-oriented.

STORY AND PHOTOGRAPHS BY STEVE GROSS & SUSAN DALEY

The son of artistic parents, Coviello grew up in Connecticut reading such authors of literary Naturalism as Emile Zola. "The style of certain 19th-century novels has always drawn me," he says. "The very detailed descriptions of daily life, and the domestic surroundings in which their characters move, evoke a feeling I try to re-create for myself"—with a bit of Edith Wharton thrown in for good measure.

The four-bay house was built in a vernacular Greek Revival style in 1840; the Victorian porch came somewhat later. Originally the house belonged to a shoemaker who worked in his small shop next door. Two additions date to the late 19th century. When Coviello was househunting 20 years ago, this was the first property he looked at. He says it met all his requirements, the main one being that it was "spared from vinylization in the 1960s." Nothing too ghastly had happened to the interior.

The house is painted in Coviello's preferred ocher, accented with black shutters. He has replaced the dilapidated asphalt roof with cedar shakes, and upgraded the picket fence to cedar as well. With the help of a good restoration carpenter, Gabe Shaftlein, Coviello rescued the living room's Greek Revival mantel, which had been stored in the barn. Shaftlein skill-













ABOVE The original Greek Revival-style mantel, found stored in the barn, was enlarged to fit around the fireplace added in the 1920s. Bookcases were built to match. Velvet-upholstered facing sofas encourage conversation; the iron garden stands became movable cocktail tables. LEFT A gilded pier mirror and delicate Windsor chairs are set against an ocher backdrop. FAR LEFT A 1910 toilet was fitted into the modern plumbing, a feat for the plumber. OPPOSITE Above a pine Shaker table hangs a Victorian gasolier the homeowner found in one of the many corrugated stalls in Lima, Peru-"chock-full of 19th-century antiques from the robber-baron years."







The kitchen addition attached to the main house was last remodeled in the 1950s. Coviello gained space by lifting the low ceiling and replacing cabinets with unfitted furnishings and shelves.

fully reworked it to fit the fireplace added sometime in the 1920s. He also made the built-in bookcases with pilaster details to match the style of the mantel.

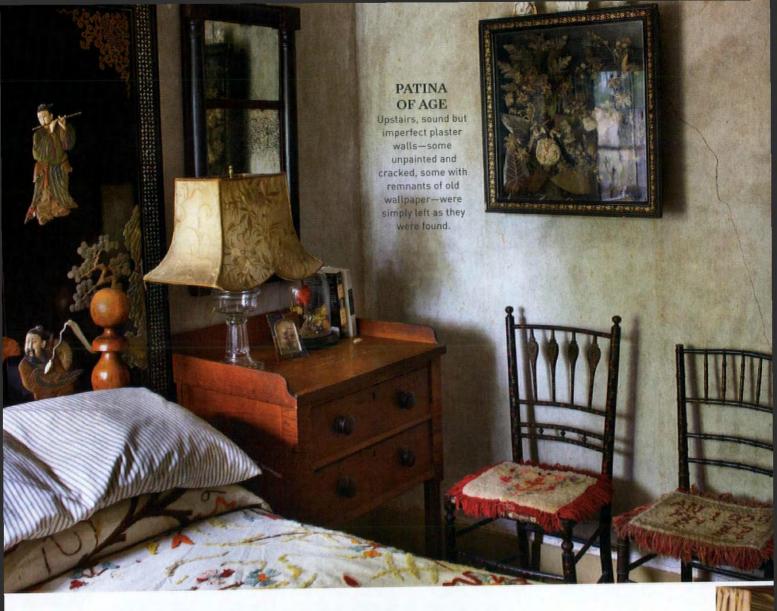
In tackling the kitchen addition, which was last remodeled in the 1950s, Coviello decided to gut it and raise the height of the 6½' ceiling. He added the 19th-century beadboard to walls, and used old-fashioned, stand-alone cupboards instead of cabinetry. Painstakingly, he unearthed the blue-painted wood floor that had been buried under three stubborn layers of resilient flooring and plywood. Coviello sorted out plumbing that dated from the 1930s, updating the system, even coming up with inventive ways to incorporate vintage bath fixtures (found at salvage yards) with the new plumbing.

Furnished with velvet-upholstered couches laden with cushions, gently worn oriental carpets, framed mirrors, and talismanic objects from his far-flung travels, the rooms reveal an aesthete's deep delight in the luxuries of the past; the interior is, Coviello says, "a cocoon for my spiritual essence."

He's added lacquered Coromandel screens, Old Paris vases, Chinese porcelain, and girandoles with big glass drops. In a bathroom, spiky antlers and

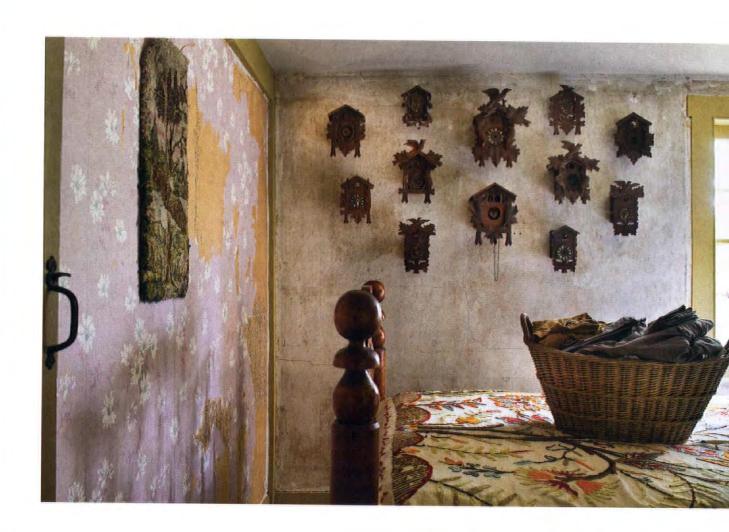


ABOVE The low kitchen ceiling was raised and beadboard added. The painted wood floor was uncovered during renovation. OPPOSITE (clockwise from top) The owner turned the storage room into a butler's pantry with the addition of a salvaged sink. Some of his large collection of Old Paris vases line the shelf: "They're often inexpensive and look great grouped together." • A double sink came from a Brooklyn dealer. • Turn-of-the-20th-century cupboards, worktable, and shelves replaced 1950s cabinets.





ABOVE A Coromandel screen from Hong Kong is tucked behind a cannonball bed. A Victorian funerary collage under glass hangs on the never-painted plaster wall. LEFT The bath was redone with a clawfoot tub and ca.1900 marble sink from salvage stores. Sink fittings were replated in nickel. RIGHT A 19thcentury baldachin (ceremonial canopyl discovered in London's Portobello Road hangs above the Jenny Lind spindle bed of tiger maple. OPPOSITE. The cuckoo clocks, \$10 for the lot, came from an antiques shop in Hudson, N.Y.





taxidermy co-exist with soothing plants in big, terra-cotta pots. Pictures hang over mantels, with faded notes and cards tucked into the frames. Rooms are deeply layered, maintaining the fiction that this was all built upon the accumulations of generations. The eclectic mix is a truer evocation of reality than an academic purity would be. At the same time, it feels like a return to the neo-Victorian decorating trends of a generation ago.

Born with a sixth sense for scoping out interesting finds, James Coviello began collecting when he was 12 years old. A habitual shopper of flea markets and auctions, he has treasure-hunted in Paris, London, China, and Peru—as well as in the Gowanus neighborhood of Brooklyn and in Hudson, New York. He's selectively chosen quirky items along the way, including a dozen cuckoo clocks he picked up for next to nothing, which hang on one wall. A 19th-century, dragon-embellished

chandelier found in Lima was a musthave, and somehow fit in his suitcase.

Besides gleaning decorating ideas from old novels, Coviello visits historic-house museums for study. "The first decorating style I really recognized was Aesthetic Movement," he says. "For me, it has all the bells and whistles: It's dark and Gothic, stylized, ebonized. It is aesthetic sophistication—the opposite of what I call Abraham Lincoln Style... that 1860s American look with big globe lanterns and crystal chandeliers, a stuffy White House look."

Small details are often overlooked in restoration, but not by James Coviello. He uses only old, period glass to replace broken window lights, buying old windows as salvage so that he has the glass on hand. The plumbing fittings of a vintage bathroom sink have been nickel-plated.

"I've made it my life's mission to seek out interesting and beautiful objects. The care is telling," he says.

# WHAT IS TRAMP ART?

#### UNIQUE OBJECTS REPRESENT AN UNUSUAL TYPE OF FOLK ART. By Catherine Lundie

"MY AUNT PLANS to leave me a tramp-art jewelry box in her will, but I'm not sure I even like it," an acquaintance told me, some years ago. "Was it really made by a tramp?"

Undoubtedly not! Tramp art is the whimsical name given to a folk-art form that was popular ca. 1870 to 1940. Boxes, picture frames, religious artifacts, and decorative objects were chip-carved from cigar boxes and, less often, from packing crates. The wood was notch-carved with squares, triangles, and rectangles, then layered to created three-dimensional, boldly geometric pieces. Some are inlaid with carved hearts, leaves, or stars;

others feature applied decoration made of "found" materials like bits of china or mirrored glass. Larger pieces can run to mantel clocks and tables with drawers.

The name conjures images of carefree hobos whittling in the open doorway of a moving boxcar. Though no doubt there were itinerants who bartered wares for food or shelter, tramp art is both fragile and labor intensive—and thus not consistent with a nomadic lifestyle. According to long-time tramp-art dealer Clifford A. Wallach, the term was first mentioned in a 1959 article by Frances Lichten in *Pennsylvania Folk Life* magazine; she called it "tramp work." Articles in the 1960s and

later called it tramp art; dealers found the name enhanced the mystique of these largely undated and unsigned pieces.

Tramp art is relatively easy to find through websites like folkartisans.com, trampart.com, trocadero.com, and, of course, on such websites as eBay and Ruby Lane. A simple picture frame might go for \$100 or less; a small, nicely decorated box for \$250; prices for exceptional pieces exceed \$2,000. No patterns have ever been found for tramp art. Each piece was individual. Regardless of provenance or rarity of materials, we appreciate tramp art for the skill, patience, and imagination it involved.

#### a genre now respected

A recent book on the form, Idle Hands: The Myths and Meanings of Tramp Art by Laura M. Addison, came from an exhibit at Santa Fe's Museum of National Folk Art.

RIGHT Tramp-art picture frames, boxes and multi-tier containers, and architectural miniatures, from a collection in Brooklyn, N.Y.

OPPOSITE (top to bottom) The miniature church is made of carved, layered, and varnished wood; early 20th century. • An unusual picture frame has multiple styles of carved notches and layered corners. • Boxes and picture frames from the Brooklyn collection.



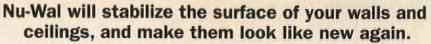








Love Your Home But Hate the Cracked Plaster



Simple One-Day **Application** 

WALLS

Cost-Effective Compared to re-Drywalling

**Leaded Paint Abatement** for Peace of Mind



SPECIFICATION CHEMICALS, INC.

www.spec-chem.com 800-247-3932 | 515-432-8256



#### HARD-TO-FIND

Interior traditional movable louvers Quality basswood, red oak, and pine Made to order - Any Size - Any Color

#### Shuttercraft, Inc.

Free Quote/Brochure Call (203) 245-2608 www.shuttercraft.com





Use Durham's Rock Hard Water Putty to fill cracks and holes. rebuild missing material, and mold new objects. It permanently adheres in wood, plaster, and tile without shrinking. You can then saw, chisel, sand, polish, and color it. The go-to solution of demanding craftsmen

for more than 75 years. Available from hardware, lumber, building material, and paint dealers everywhere, waterputty.com

**Donald Durham Co.** Box 804-HJ, Des Moines, IA 50304



# **ENERGY SAVINGS, HEATING & COOLING**



#### Airmada Shower Drying System

Save time, reduce streaks and water spots on your glass, and stop mold and mildew from growing in your shower! Do all of this with the simple push of a button that blasts forced air into your shower to blow dry your shower in minutes, as compared to the hours it takes to air dry. Your shower will stay beautiful, clean and fresh!

402-610-5539; www.airmadadry.com



#### **Alpina Manufacturing**

Cold and noise reduction window inserts. Superior, easy to use design. Lowest cost patent-pending frame, easily fits out of square windows, do it yourself install. 100% money back guarantee! www.stormsnaps.com



#### Arch Angle Window & Door

Preserving the heritage of our bungalows and small churches. Special Shape Storms... Our niche and our Specialty. 800-548-0214; www.archangleohio.com



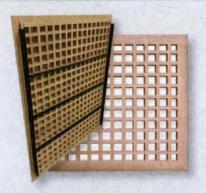
#### eHeat.com

Envi Wall-Mounted Room Heater Energy saving, ultra-safe, healthy, effective, silent, easy to install, stylish 800-807-0107; www.eheat.com



#### Nu-lok™ Roofing System / Greenstone Slate®

Greenstone Slate with lightweight Nu-lok installation method—requires 40% less slate!
Genuine Vermont slate roof. Elegant integrated solar panel option. Great cedar shake upgrade with no additional structural support needed.
800-619-4333; www.greenstoneslate.com/nu-lok



#### HeatRegisters.com

Traditional eggcrate style registers with welded steel support structure for super strength and durability. Custom made to your size opening.

Affordable, quick turnaround. Red oak, and many other optional woods.

509-535-5098; www.heatregisters.com



#### **Hi-Velocity**

The Hi-Velocity System is a Small Duct Central Heating & Air Conditioning System, suitable for historic remodels, retrofits, new construction, recreational properties, and commercial applications. Designed to fit where other systems cannot, with superior indoor air quality and climate control. www.hi-velocity.com



#### **Indow Window Inserts**

Window inserts that instantly block cold drafts, increase energy efficiency, and hush outside noise. Award-winning design is compression fit, non-damaging to your original windows, and easy to install. 503-822-3805; www.indowwindows.com



#### Innerglass Window Systems

Custom glass interior storm windows for energy conservation and soundproofing. An interior storm that outperforms almost any replacement, yet maintains the integrity and beauty of your historic house. Invisible from the outside.

Perfect for screened porches, too.
800-743-6207; www.stormwindows.com



#### Lochinvar

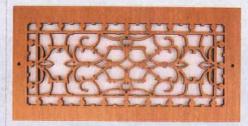
The KNIGHT boiler family is available in 13 model options—six floor mounts and seven wall mounts. It also offers a broader range of heating capacity from 55,000 to 399,000 BTU/hr—while continuing to work at 95% AFUE efficiency.

www.lochinvar.com



#### **OverBoards**

OverBoards offers heavy-duty, solid extruded aluminum covers for baseboard heat units. They're made to complement your home's classic architectural details. 800-835-0121; www.go-overboard.com



#### Pacific Register Company

State-of-the-art facility manufactures antique registers, decorative registers, heat vent covers, and other architectural products that are of superior quality at the most competitive and affordable price. Made right here in the USA. 805-487-7900; www.pacificregisterco.com



#### Rheem® Tankless Water Heater

Rheem® Tankless Water Heaters offer high efficiency, low emissions and EcoNet® Smart Home Technology with an exclusive water-saving setting that can save homeowners up to 1,100 gallons per year. www.rheem.com/tanklessinnovation



#### Rheem® Hybrid Electric Water Heater

Rheem® Hybrid Electric Water Heaters are the smartest, quietest, and most efficient available. With 50-, 65-, or 80-gallon capacities, these earth-friendly units pay for themselves in less than 3 years. www.rheem.com/hybridsolutions



#### **Rumford Fireplaces**

Real Fireplaces That Really Work 360-385-9974; www.rumford.com



#### **Runtal Radiators**

Designer radiators for hot water, electric and steam heating systems. In stock product as well as made-to-order in thousands of sizes and configurations in an array of colors. Ideal replacement for fin-tube or cast iron radiators. 800-526-2621; www.runtalnorthamerica.com



#### SlateTec™

SlateTec™ uses today's technology to reduce the weight of a genuine slate roof by 40%. Highest quality Greenstone Slate® Vermont S1 roofing slate is used. Ideal for re-roofing. Great cedar shake upgrade. www.greenstoneslate.com



#### SpacePak

SpacePak HVAC systems utilize unique flexible ductwork and is minimally invasive to install and while protecting architectural integrity. www.spacepak.com

# ENERGY SAVINGS, HEATING & COOLING



#### Steam Radiators

Steam Radiators are a stylish alternative to bulky cast iron. Three sleek designs allow you to free up valuable floor space. In stock for immediate delivery. Available in over 100 colors.

www.steamradiators.com
800-966-0587



#### **Superior Clay**

Superior Clay Pots are the finest Terra Cotta pots in the world. They will not only add beauty to your home, but will add height and grandeur to your chimney. www.superiorclay.com



#### The Unico System

The Unico System brings energy efficient central heating and air conditioning to older homes. The small, flexible ducts weave above ceilings and below floors, saving space and preserving original architectural features. Small round and slotted outlets come in dozens of finishes to match your decor. 800-527-0896; www.unicosystem.com



#### Abatron Krack Kote®

Krack Kote® makes invisible and flexible repairs to plaster and drywall so that cracks never reappear. Repair and paint in under an hour with no sanding required. Can be textured to match surface.

www.abatron.com



#### American Building Restoration Products, Inc.

ABR WATERLESS Fireplace Cleaner™
is a temporary cleaning coating designed
to remove soot, dirt and grime from your
fireplace. Apply, let it dry and peel the dirt away.
The creamy, opaque color allows for an even
and "easy to see" application. May be used on
interior and exterior surfaces, and requires
NO WATER in its application or removal.
800-346-7532; www.abrp.com



#### Allied Window, Inc.

We manufacture Custom "Invisible" Storm Windows® for historic, residential and commercial buildings. Interior & exterior applications, custom colors, custom screens & special shapes, and special glazing are all routine – Energy Savings – approximately 50% and Sound Reduction – up to 80%. Our abilities meet the needs of the professional in the field or the homeowner – from the conventional to the extraordinary. 800-445-5411; www.invisiblestorms.com



#### **Authentic Designs**

Built in terne coated copper, this sconce form derives from a 19th C. railway lantern. Offered in various materials and finishes. Handmade in Vermont. Available in double and single light versions. U.L. listed.

800-844-9416; www.authenticdesigns.com



#### Ball & Ball

Since 1932, your source for sconces, pendants, chandeliers, lanterns, table lamps, candle stands, candlesticks, and American Revival Period lighting in: brass, tin, copper, pewter, silver, bronze, and hand forged iron.

800-257-3711; www.ballandball.com



#### Bradbury & Bradbury

It will always feel like summer with "Metford" Frieze crowning your room. This playful and elegant border is part of our newly released "Jeffrey" roomset. Shown here in Cerulean, available in two colorways.

707-746-1900; www.bradbury.com



#### **Brass Light Gallery**

For over 40 years Brass Light Gallery has been a leading source for period appropriate reproduction style light fixtures. Solid Brass – UL Listed – Made in USA 800-243-9595; brasslightgallery.com



#### **Bridger Steel**

Discover unique metal roofing that takes your home back in time. From classic and sophisticated, to rustic charm, Bridger Steel offers metal roofing that will protect your historic home while maintaining its character. 1-877-STEELMT; www.bridgersteel.com



#### The Bright Spot

Since 1996...Website of Mission, Craftsman, Tiffany and Mica lamps and lighting fixtures like Quoizel's outdoor Chancellor Collection. 888-835-4447 www.thebrightspot.com



#### Clay Squared to Infinity

Handmade tiles for kitchens, bathrooms, and fireplaces that feels original to the home. 30 earthy, full-bodied colors are available. Dozens of distinctive one-of-a-kind artisan designed tiles and trims to choose from.

Order a free catalog today.
612-781-6409; www.claysquared.com



#### The Color People

EVERYONE DREAMS IN COLOR
For over 30 years we have been making people's dreams come true all over America with our famous color consulting service. We create color schemes for every style and era of buildings, residential and commercial. 720-545-7071; www.colorpeople.com



#### Coppa Woodworking, Inc.

High quality, custom made wood screen and storm doors. Over 300 designs, various wood types and finishes, made to any size. Arch tops, dog doors, security doors, window screens and storm windows are also available. Made in the USA.

Available direct, nationwide.
310-548-4142; www.coppawoodworking.com



#### **Crown Point Cabinetry**

Crown Point Cabinetry handcrafts the finest quality custom cabinetry for your entire home. Period styles include Shaker, Arts & Crafts, Early American, Victorian, Transitional and Contemporary. Available direct nationwide. 800-999-4994; www.crown-point.com



#### **Deluca Windsor Reproductions**

For more than thirty years, it has been our goal to produce the most faithful reproductions of period Windsor furniture available. Access to both original forms and paint surfaces has allowed us to recreate, as close as possible, the intent of the original makers.

www.joedelucawindsors.com



#### **Driwood Moulding**

Make your period home distinctive with ornamental wood moldings. At Driwood we craft architecturally correct, embossed hardwood mouldings designed for homes from any historic period. With more than 500 mouldings in stock, we have the moudling you need. 888-245-9663; www.driwood.com

# **PRODUCT SHOWCASE**



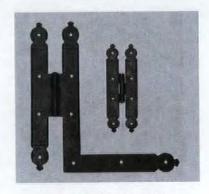
#### **Early New England Homes**

Our 1750s home building system boasts beautiful timbered ceilings, a center chimney, wide board floors and many handmade features. Early New England life with the convenience and efficiency of a new home. 860-643-1148; www.earlynewenglandhomes.com



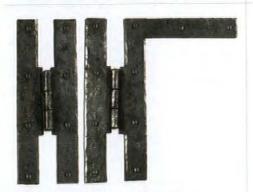
#### Ecoshel® Cedar Shingle System

Ecoshel provides a higher quality, more precise REAL cedar shingle installation, with all joints perfectly offset, and with built-in ventilation that helps prevent cupping and decay. Installation is about 5 times faster, providing a higher quality installation at a lower installed cost. 617-383-4970; www.ecoshel.com



#### Heritage Metalworks

Foundry, blacksmith shop & metal fabricator dedicated to historical metalwork. Our HMW Forge Collection pictured here offers 350 unique and exceptional historic designs – in both forged iron and cast brass. 100% made Pennsylvania 610-518-3999; www.hmwforge.com



#### Historic Housefitters Co.

Our 18th century style hand-forged iron hardware is of the finest quality made in America today. For over 35 years we have offered a huge inventory of latches, hinges, bolts & much more for prompt delivery. Proudly specified for some of our country's finest homes 800-247-4111; www.historichousefitters.com



#### House of Antique Hardware

Discover exquisite Victorian chandeliers, as well as lighting from Colonial to Mid-Century Modern, push button light switches, switch plates, and hardware for every room in your house.

Call their friendly hardware specialists for help with your selection.

888-223-2545; www.houseofantiquehardware.com



#### **Howard Products**

"Restore It – Don't Strip It!" Howard Restor-A-Finish turns 50! This unique formula has been helping people restore their antique wood finishes since 1969 without having to strip and refinish. Available in nine finish colors. Easy wipe on wipe off process. 800-266-9545; www.howardproducts.com







#### J.S.Hurd Rug & Tapestry Design

"hand-knotted art fresh off the loom
...and worth waiting for"
Made-to-order handmade rugs & tapestries
customizable from our many collections
in size, pattern, and colorway OR newly created
from your own inspirations.
www.jshurddesign.com



#### King Metals

King Metals brings the largest selection of premium hand-forged wrought iron balusters, scrolls, rings and panels to your historic home. From 17th century designs to 21st century modern styling, our Köenig Eisen forgings are the authentic ornamental metal for every home. 800-542-2379; www.kingmetals.com



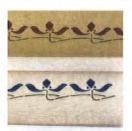
#### Mad River Woodworks

Mad River Woodworks provides faithful reproduction work for the Victorian restoration enthusiast. And, although Victorian millwork is our specialty, we can reproduce most architectural woodwork detailing to your specifications. Mad River Woodworks – custom millwork for your home and your commercial building restoration projects. 800-446-6580; www.madriverwoodworks.com



Mason & Wolf Wallpaper

Art wallpaper for your dream home. 732-866-0451; www.mason-wolf.com



#### Melton Workroom

Melton Workroom carries on the tradition of more than 25 years in providing window treatments for period homes. Please review our custom hand painted and stencilled roller shades and appliquéed curtains with period hardware. Stencil templates and DIY kits available. Check out our extensive library of appliqués and stencils. 213-614-1757; www.meltonworkroom.com



#### Mon-Ray, Inc.

For more than 70 years, Mon-Ray, Inc. has been the leader in high performance storm windows for historic projects to conserve energy, reduce noise and retain original appearances. 800-544-3646; www.monray.com



#### Motawi Tileworks

Motawi Tileworks makes handcrafted tile as individual art pieces and for residential and commercial installations. The 4x8 Dard Hunter Poppy and many other Motawi tiles are based on the work of artists who defined the Arts and Crafts movement. 734-213-0017; www.motawi.com



#### **Olde Century Colors**

A carefully selected palette of 58 historical colors offered in the highest quality waterbase acrylic and simulated milk paint finishes. Suitable for restoration of historic architecture, furniture and craft projects. Gel stains combining stain and finish in one easy step, chalk powder additives and crackle finishes are also available. 800-222-3092; oldecenturycolors.com



#### **Period Lighting Fixtures**

For over 40 years Period Lighting Fixtures has made the finest in 18th and 19th century lighting reproductions. Over 200 different models reproduced from the originals in our finest American Museums. UL listed. 800-828-6990; www.periodlighting.com



#### The Persian Carpet

Arts & Crafts Collection
The most authentic and beautiful rugs in the
Arts & Crafts tradition, come from our looms to
your floor. View our outstanding selection
online, at a dealer near you, or call for a catalog.
919-489-8362; www.persiancarpet.com



#### **Pewabic Pottery**

Transform your kitchen with a backsplash made of handcrafted tiles and pottery for your home, made in Detroit since 1903.

Explore the possibilities with a complimentary design consultation.

313-626-2030; pewabic.org/tile



#### Preservation Products Inc.

Acrymax Coatings
Preservation Products offers Acrymax®
high-performance coating systems for a variety
of demanding applications. Roof coatings,
masonry coatings, rust inhibitive coatings,
and general maintenance coatings.
800-553-0523; www.preservationproducts.com

# **PRODUCT SHOWCASE**



#### **Pro Wood Market**

US Made Cedar Architectural Accents Brackets, Braces, Corbels, Rafter Tails, Porch and Gable Brackets, Screen Doors, Shutters, Post Caps Mantels and more. We do custom work. Shipped nationwide. (shown here, Wooden Bracket and Corbel) 800-915-5110; www.prowoodmarket.com



#### Ruby Lane

This is a wonderful example of a full-figure, horse and jockey weathervane in the pose of a steeplechase jumper. The vane is 32" long and 20 1/2" tall on the museum stand. The horse is in copper with a cast lead head; the jockey is also cast in lead. Note the extremely fine detail in the full-figure horse from the open mouth, flaring nostrils, flowing mane and saddlery to the streaming tail.

rubylane.com



#### Sawtooth Shelf System

Before pins were used to adjust shelves there was Sawtooth. Modern Sawtooth works great in furniture, cabinets, pantries, and closets. Optional wine racks, cleat-lock for adjustable rollouts, closet rods, and more. 908-689-7600; www.sawtoothshelfsystem.com



#### **Sheldon Slate Products**

Mining and manufacturing of slate products.
Sinks, counters, floor tile, roofing, and monuments.
Business from earth to finished product.
Custom work a specialty.
207-997-3615 518-642-1280
www.sheldonslate.com



#### Specification Chemicals, Inc.

Nu-Wal® restoration system for damaged walls and ceilings covers and reinforces the entire surface with a fine-textured fiberglass, embedded in elastomeric adhesive. Nu-Wal® also serves as lead encapsulation and is quick, affordable, and long-lasting. 800-247-3932 www.spec-chem.com



#### STICKLEY 2019 Collector Edition Console

The wait is finally over. Introducing the 2019
Collector's Edition Console Table, a versatile
piece that adds natural beauty to any room.
Beautiful American hardwoods, meticulously
crafted in the US that feature handcrafted,
American-made Motawi Riverscape tile—
an original Nawal Motawi design.
www.stickley.com



#### Sundial Wire

US-made cloth-covered electrical wire.
Pulley Cord, Parallel Cord, Twisted Pair,
Overbraid, single-conductor, cotton or rayon,
many colors/patterns. Lamp parts:
sockets, plugs, shade holders, and more.
Custom pendants assembled for you.
413-582-6909; www.sundialwire.com



#### **Swan Picture Hangers**

We offer a myriad of picture hanging paraphernalia along with authentic gesso picture rail molding. 707-980-6319; www.swanpicturehangers.com



#### Timberlane

A home deserves more than ordinary shutters. Timberlane offers extraordinary customization capabilities in the finest wood and maintenance-free materials, built to the tightest specifications, with complete color-matching options.

Satisfied customers include custom builders, architects, designers, historians, discerning homeowners and more.

888-616-9618; www.timberlane.com



#### Velvit Oil

An interior wood finish that stains fills, seals, protects, and beautifies all in one coat. Apply to furniture, paneling, antiques, reclaimed wood, floors, doors, woodwork, picture frames, cutting boards and gun stocks. Easy to repair if surface is damaged. 920-722-8355; www.velvitproducts.net



#### Vermont Soapstone

Since 1856 Vermont Soapstone has been crafting the finest custom soapstone counter tops, sinks, floor tiles and home accents. Durable and timeless soapstone never stains or retains bacteria. Installation is available. 800-284-5404; www.vermontsoapstone.com



#### Vintage Doors & Porches

Great "Welcome Home" Moments Start Here! What makes one door "extra-ordinary" while others remain not so memorable? Timeless design, heirloom-quality craftsmanship and real wood construction—the perfect match for your "Old Home." Choose Vintage Doors. 800-787-2001; www.vintagedoors.com



#### Vintage Hardware and Lighting

Historic Lighting recreated with energy efficient LED 255-LED is just one of our charming historic designs that meets American energy codes that are becoming standard. We build your design or convert ours. 255-LED was nominated at "Light Fair International" expo for a design award. www.vintagehardware.com



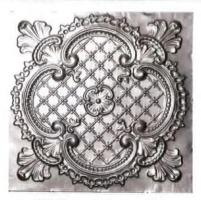
#### Ward Clapboard Mill

Authentically produced, 100-percent verticalgrain, early American spruce and pine clapboards. Their mills in Maine and Vermont continue to manufacture quality logs into quarter-sawn clapboards with the same methods workers used more than a hundred years ago. 802-496-3581; www.wardclapboard.com



#### West System: G/flex®

A toughened, versatile, liquid epoxy for permanent waterproof bonding of fiberglass, ceramics, metals, plastics, damp and difficult-to-bond woods. G/flex can make structural bonds that absorb the stress of expansion, contraction, and vibration. Ideal for bonding dissimilar materials. www.westsystem.com



#### W.F. Norman Corporation

Founded in 1898, W. F. Norman Corp. has the nation's most complete collection of quality, hand pressed ceilings, cornices, moldings, and ornaments. Call today for our catalog or view our products online! 800-641-4038; www.wfnorman.com



#### Withers Industries

Withers Ind is a leader in quality interior shutters, exterior shutters and millwork for decades. Historically correct designs as well as architecturally special for new residential and commercial projects. All milling, assembly and finishing of our wooden shutter products is done in our family owned South Carolina facility. 843-376-0013; www.withersind.com



#### Woodcraft®

Add a splash of vibrant color in your home with Black Dog Salvage Furniture Paint. Great for indoor furniture, woodwork, metal, glass and much more. Find it at Woodcraft stores nationwide, the Woodcraft Catalog or online. 800-225-1153; www.woodcraft.com

# OLDHOUSE JOURNAL

# Free Information Guide

#### WANT FREE INFORMATION ON OLD HOUSE PRODUCTS AND SERVICES?

Simply visit www.oldhouseonline.com/lit to order your free information today!

Abatron Inside Back Cover, Page 96

Airmada Dry Page 94

Alameda Shade Shop Page 57

Allied Window Inc. Pages 49, 96

Alpina Manufacturing Page 94

American Building Restoration Products Page 96

Arch Angle Windows & Doors Page 94

Authentic Designs Pages 48, 96

Ball & Ball Pages 54, 96

Bradbury & Bradbury Art Wallpapers Pages 57, 96

Brass Light Gallery Pages 64, 97

Bridger Steel Pages 3, 97

The Bright Spot Page 97

Charles P. Rogers & Company Page 54

Clay Squared To Infinity Pages 48, 97

The Color People Page 97

Coppa Woodworking Pages 64, 97

Craftsman Homes Connection

Pages 11, 94 Crown Point Cabinetry

Pages 4, 97

Deluca Windsor Reproductions Page 97

Donald Durham Company Page 93

Driwood Moulding Co. Pages 36, 97

Early New England Homes Page 98

Ecoshel, Inc. Pages 62, 98

eheat.com Pages 47, 94

Greenstone Slate Pages 9, 58, 94, 95

Heritage Metalworks, Ltd. Pages 62, 98

Hi-Velocity Systems Pages 22, 94

Historic Housefitters

Page 98

House of Antique Hardware Pages 58, 98

Howard Products Pages 61, 98

Indow Windows Pages 6, 94

Innerglass Window Systems Pages 57, 94

JS Hurd Design Page 98

King Architectural Metals Pages 57, 98

Lochinvar Pages 17, 95

Mad River Woodworks

Page 98

Mason & Wolf Wallpaper

Page 99

Melton Work Room Pages 64, 99 Mon-Ray, Inc. Page 99

Motawi Tileworks Pages 62, 99

Notting Hill Decorative Hardware

Page 63

Olde Century Colors Pages 61, 99

Overboards Page 95

Pacific Register Company

Pages 64, 95 Period Lighting Fixtures

Pages 58, 99 The Persian Carpet

Pages 10, 99

Pewabic Pottery

Preservation Products Inc.

Pages 57, 99

Pages 58, 99

ProWood Market Pages 33, 100

Rheem Pages 2, 95

Ruby Lane Pages 18, 100

Rumford Fireplaces

Page 95

Runtal Radiators Pages 1, 95

SawTooth Shelf System

Page 100

Sheldon Slate Products

Pages 36, 100 Shuttercraft

Page 93 SpacePak

Pages 5, 95

Specification Chemicals

Pages 93, 100

Stickley

Back Cover, Page 100

Sundial Wire Page 100

Superior Clay Corp Pages 15, 96

The Swan Company

Page 100

Timberlane Inc. Pages 47, 100

Trustworth Studios Page 54

Unico, Inc. Pages 38, 96

Velvit Products Co.

Page 101 Vermont Soapstone Page 101

Vintage Doors, LLC Inside Front Cover, Page 101

Vintage Hardware & Lighting Pages 49, 101

W.F. Norman Corporation

Page 101

Ward Clapboard Mill Page 101

West System Inc. Pages 51, 101

Winchester Mystery House Page 51

Withers Industries
Pages 62, 101

Woodcraft Pages 54, 101

Woolen Mill Fan Co.

Page 57

VISIT OLDHOUSEONLINE.COM/LIT FOR FREE PRODUCT INFORMATION



OLD HOUSE JOURNAL
ARTS & CRAFTS HOMES
NEW OLD HOUSE
DESIGN CENTER SOURCEBOOK
TRADITIONAL BUILDING
PERIOD-HOMES.COM
TRADITIONALBUILDING.COM
OLDHOUSEONLINE.COM

LOG HOME LIVING
TIMBER HOME LIVING
COZY CABINS & COTTAGES
DREAM HOME SHOWCASE
BEST LOG & TIMBER HOME OF THE YEAR
BEST LOG & TIMBER FLOOR PLANS
LOG & TIMBER HOME PLANNER
CABINLIFE.COM
LOGHOME.COM

#### ADVERTISING INQUIRIES

ASSOCIATE PUBLISHER

Becky Bernie (978) 879-4045 bbernie@aimmedia.com ASSOCIATE PUBLISHER
Carol Murray
(978) 879-4361
cmurray@aimmedia.com

ASSOCIATE PUBLISHER

Greg Messina

(646) 334-5998 gmessina@aimmedia.com SUCCESS!
FRAMED ART Karen Wippich
dotzerodesign.com
INTERIOR LIGHTING RetroSteamWorks etsy.com
CONTRACTOR (PREP) Lovett
Deconstruction, Portland, OR:
lovettdeconstruction.com
BUILDER Rupp Family Builders,
Portland and Bend, OR:
ruppfamilybuilders.com
WINDOW REPAIR Viridian
Window Restoration, Portland,
OR: viridian windows.com

KITCHEN + BATH DESIGN Sarah Blank Design Studio sarahblanddesignstudio.com SALVAGED WOOD beams and flooring Stephen Gamble, Greenwich, CT: stephengamble.com **NEW WINDOWS Artistic Doors** artisticdoorsandwindows.com **BUILDER Significant Homes**, New Canaan, CT: significanthomesllc.com CABINETMAKER Parish Millwork, Ridgefield, CT: parishmillwork.com COUNTERTOPS Island zinc fabricated by Focal Metals, Bethel, CT: focalmetals.com RANGE HOOD Focal Metals focalmetals.com HARDWARE Rocky Mountain Hardware rockymountain hardware.com FIREBACK antique,

purchased in Paris

Related Resources
The Country Iron Foundry
firebacks.com Colonial, French,
and original (new) designs, also
authentic replicas. Made in USA.
Del Conner, Pennsylvania Firebacks fireback.com Fine reproductions and original designs cast in
Penn.; avail. as backsplash inserts.

AESTHETIC DESIGN
NEW WALLPAPER Victorian
collection 'Herter Ceiling'
(in wall fill); see also Morris,
Herter, and Aesthetic roomsets,
all at Bradbury & Bradbury
bradbury.com
LINCRUSTA-WALTON
WallpaperDirect wallpaperdirect.
com/us/brands/tincrusta
Wallpapers Plus
wallpapersplus.com

Related Resources WOOD SHINGLES Ecoshel ecoshel.com Cedar shingle panel system WOOD ORNAMENT Mad River Woodworks madriver woodworks.com Victorian exterior millwork specialists PICTURE HANGERS Swan Company swanpicturehangers. com Picture-hanging rails, moulding, hangers, hooks, cord
AESTHETIC HARDWARE
House of Antique Hardware houseofantiqueharware.com Period hardware collections by style Notting Hill Decorative Hardware nottinghill-usa.com Unique cabinet hardware Vintage Hardware & Lighting vintagehardware.com Reproduction builder's & furniture hardware

THEY STILL MAKE
p. 37 Steuber Building Group
steuberinc.com see also Andersen
& Stauffer Furniture Makers
andersenandstauffer.com Connor
Mill-Built Homes connormillbuilt.com Maurer & Shepherd
Joyners/The Cooper Group
thecoopergroupct.com

**ENERGY RETROFITS** COOL ROOFING Bridger Steel bridgersteel.com Cool roof systems CertainTeed certainteed. com Cool roof shingles, Apollo II solar tiles & shingles GAF gaf.com Cool series shingles; low-profile solar panels Greenstone Slate greenstone slate.com Vermont slate with Slate-Tec interlayment system **HEAT & HOT WATER EcoSmart** ecosmart.com Efficient on-demand water eheat eheat.com Slim-line wall heaters Lochinvar lochinvar. com Combo high-efficiency boilers, micro cogeneration Runtal North America runtalnorthamerica.com European-style hydronic & electric radiators; towel radiators Steam Radiators steam radiators.com Swiss-made traditional steam radiators MINI-DUCT SYSTEMS Hi-Velocity Systems hi-velocity.com SpacePak spacepak.com Unico System unicosystem.com MASONRY HEATERS, INSERTS Buckley Rumford rumford.com Rumford fireplaces M. Teixiera Soapstone soapstone-woodstove.com

Masonry soapstone fireplace components Superior Clay superiorclay.com Rumford fireplaces, components, liners **INSULATION CertainTeed** certain teed.com Fiberglass batt, spray foam Johns Manville jm.com Fiberglass, foam board, mineral wool, spray foam **Knauf** Insulation knaufinsulation.us Ecobatt glass mineral wool Owens Corning thermafiber.com Ultrabatt mineral wood Rockwool rockwool.com Mineral wool insulation products MINI-SPLITS Fujitsu General fujitsugeneral.com Mini-split heating/air conditioning Mitsubishi Electric mitsubishicomfort.com Mini-split heating & cooling Rheem rheem.com Mini-split heating/air conditioning SEALANTS/WEATHER STRIP Dap dap.com Sealants for window & door gaps Sashco sashco.com Sealants for leaks Killian Hardware springbronze.com Spring bronze weather stripping STORM/INSULATED WINDOWS Acoustical Surfaces acoustical surfaces.com Adams Architectural Millwork adamsarch.com Allied Window alliedwindow.com Arch Angle Windows & Doors archangleohio.com **Architectural Components** architecturalcomponents.com Climate Seal/Acoustical Surfaces climateseal.com Cooper Windows cooperwindows.com Indow Windows indowwindows. com Innerglass Window Systems stormwindows.com Magnetite magnetite.com Monray monray.com **Phoenix Window Restoration &** Technologies phoenixwindow.net

PIGEON INN, CONNECTICUT WINDSOR CHAIRS **DeLuca Windsor Reproductions** joedelucawindsors.com SMALL FURNISHINGS The Seraph theseraph.com LIGHTING Carriage House Lighting & Tinware chltin.com FLOORCLOTHS Ashley Garland ashleyfloorcloths.com **REDWARE Shooner American** Redware (513) 897-0488 or through online dealers TRAMP ART FRAMES
David Schump, The Art Tramp thearttramp.com **ANTIQUES Michael and Lucinda** 

Seward Antiques, Pittsford, VT: michaelandlucindaseward antiques.com p. 72 KITCHEN CABINETS Steve Thienel, Thienel Building

Co., Woodstock, CT: thienelbuilding.com Related Resources

EARLY LIGHTING
Authentic Designs
authenticdesigns.com Handmade
reproductions in early materials
Ball & Ball ballandball.com
18th-century lighting
Historic Housefitters
historichousefitters.com
Early lighting reproductions
in iron, copper & tin
Period Lighting Fixtures
periodlighting.com Handmade
early American reproductions
EARLY KITCHENS
Crown Point Cabinetry
crown-point.com Custom kitchen

cabinets in Colonial & Shaker styles

CHITTENDEN, VERMONT

PAINT COLORS ext. trim Ultra Pure White • shutters Black . barn's red Dozen Roses • barn's yellow Song of Summer • int. hall trim Ultra Pure White • DR Reticence • MBR custom match • sitting room Clay Beige • LR custom match; all paint Behr behr.com (through Home Depot) LIGHTING antique p. 78 CHANDELIER eBay, vintage, from Istanbul FURNITURE antique (not shown) BED Bernhardt (converted from tall post) bernhardt.com

Related Resources
GEORGIAN MILLWORK
Driwood Moulding driwood.com

Period millwork, including paneling

#### FARMHOUSE, HUDSON VALLEY

Related Resources
SHUTTERS

Americana shutterblinds.com
Hinged, fully operable interior
shutters Shuttercraft shuttercraft.
com Louver, panel & combination
shutters with cutout options
Timberlane timberlaneshutters.
com Panel, louver, batten & combo
shutters in wood or Endurian
Withers Industries withersind.
com Custom, all-wood shutters





#### Coming December 2019

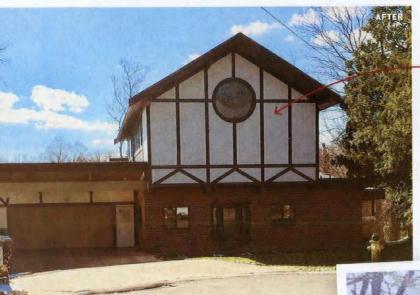
#### **READER FAVES, EDITORS' PICKS**

Our year-end special includes multiple kitchens and extra coverage of gifts and products.

**ALSO:** Victorian showplace; a Bungalow brought back; new-old gambrel from salvage; tax credits explained; restoration budgeting.

SUBSCRIBE: call (800) 234-3797





#### DON'T ...

buy an architect-designed house of a certain style and era, only to spend money ruining it forever. Don't be a bully of the streetscape; that's not neighborly and it brings down the value of every house on the block.

#### STRATFORD-ON-LEVITTOWN \*

Before and After: Yes, this really is the same house! It's in Cincinnati, Ohio, built in 1961 and designed by local architect Harry Hake III. He made it fit the hillside site, preserving as many of the surrounding trees as possible. A Mid-century Modern design, the original house featured a butterfly roof along with stucco and vertical siding in redwood. The ribbon windows were stainless steel; the door was teak. Hake even designed the carport to accommodate a tree going through the roof.

The Before photo was taken in 1978, the After in 2019. Surprisingly, this horrible remuddling happened in 2015, after MCM had regained popularity! All of the old trees were removed. Someone added the big "bird house" to the roof and then faux-Tudored the whole place. Our correspondent wrote: "Not only is it ugly, but it also towers over the street and the low, mid-century houses nearby."

\* COURTESY LYNN SHERRELL ON FACEBOOK



66 MCM to the doc: 'I have a tudor on my back'. Doc says, 'It's just half-timbered'. "

-Marco Ungarelli

TWO WAYS TO WIN! If you spot a classic example of remuddling, submit it to Iviator@aimmedia.com. We'll give you \$100 if your photos are published. If you want to see your witty words on this page, enter our monthly caption contest at facebook.com/oldhousejournal.



# Restoration & Maintenance Products

Solutions for your toughest projects

- Wood
- Concrete
- Metal
- Plaster
- Stone
- Porcelain



Free Catalog 1-800-445-1754 www.abatron.com





Furniture for the way you live. Handmade in the USA since 1900.

STICKLEY