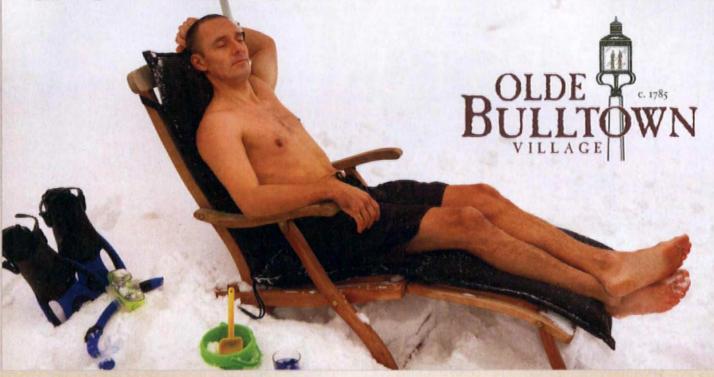
# THE KITCHEN ISSUE THE ORIGINAL RESTORATION JOURNAL HOW TO SALVAGE TIN CEILINGS WEATHERSTRIP DOORS ADD GARDEN COLOR Victorian Makeover A KITCHEN YOU'LL ENVY Appliances CHOOSE OLD, NEW OR RETRO YLE KNOW-HOW An Entry Door for Every House with restoration tips

ONE-THIRD OF YOUR LIFE IS SPENT IN BED. CHOOSE WEL Gus Settle King Bed & Matching Night Stand STICKLEY Handcrafted in the USA for over 100 years. Made to order, worth the wait. FOR THE DEALER NEAREST YOU OR A CATALOG, VISIT STICKLEY.COM . L. & J.G. STICKLEY, INC. . MANLIUS, NY 13104 . 315.682.5500

11910

### SNOW REMOVAL AT BULLTOWN









Enjoy New World Convenience with Olde World Quality

www.OldeBulltown.com

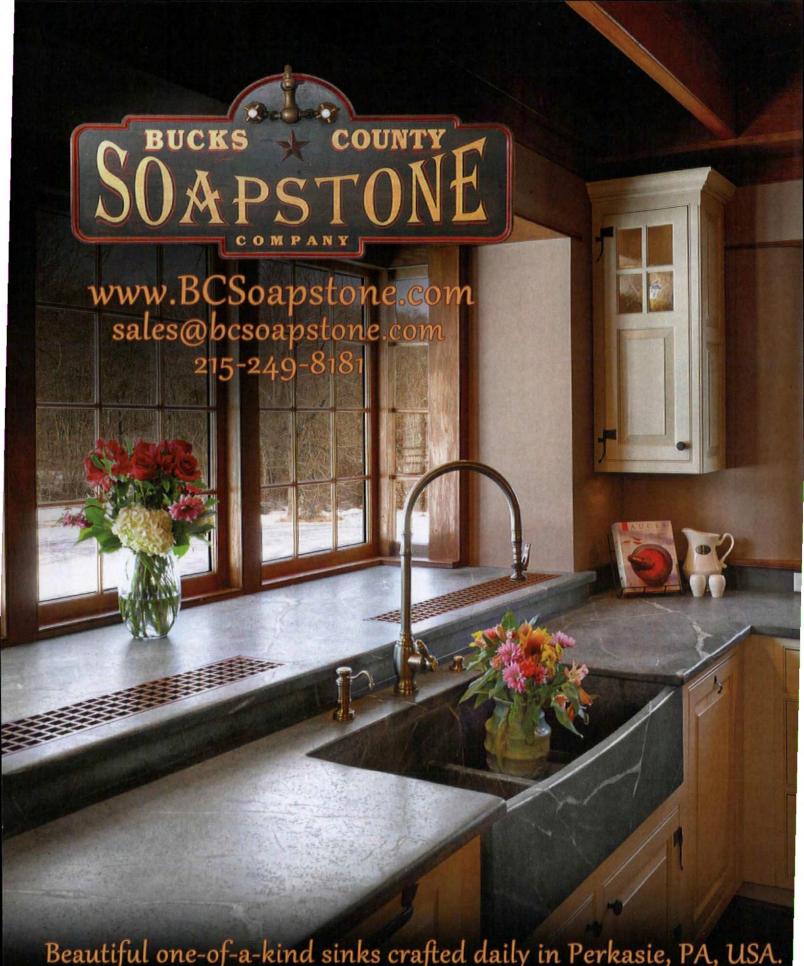


New Custom Homes in Chester County -Lots from the 240s, Homes from the 800s-



Olde Bulltown is conveniently located just 40 miles northwest of Philadelphia, PA Circle 044 on Free Information Card

a community by ENTERPRISES LTD



# CONTENTS

April 2015





#### **INSPIRE**

- 8 Barn Again
  - A stone barn in Bucks County has a new life as a dwelling.
- 18 Authentic Without Compromise

A wonderful Victorian kitchen and pantries fit the 1861 house.

28 SUCCESS!

A Midwest garden evolves over time to include bold color.

32 MY NEIGHBORHOOD

Visit homes in the Old South of Shepherdstown, West Virginia.

34 WINDOW SHOPPING

Five little temples inspired by Greek and Roman architecture.





#### RESTORE

38 Doors Inside & Out

Period-perfect doors are a key element of traditional millwork.

44 LOST ARTS

DIY: Building a simple but historic fence to match the architecture.

46 FIELD TESTED

Subcompact 12-volt drills are tested on power and versatility.

48 QUICK MAKEOVERS

Three easy projects add function and style to your kitchen space.

50 STUFF I SCREWED UP

Refinishing woodwork: Tung oil wasn't licking the problem.

52 SALVAGE IT

4

Tin ceiling panels adorn a fridge.

54 DO THIS, NOT THAT

The right way to patch plaster.

56 ASK OLD HOUSE JOURNAL

The mystery box in the wall.



#### DESIGN

60 Appliances Front and Center

Recent product innovations allow you to choose from multiple approaches for your design.

66 VINTAGE VISION

Get the look of this Arts & Crafts dining room from a 1905 issue of Gustav Stickley's *The Craftsman*.

68 FAVORITE THINGS

Decorative furnishings that take us back to the homey kitchens of the '30s, '40s, and '50s.

70 THEY STILL MAKE ...

Block-printed papers are handmade works of art for walls.

80 REMUDDLING

Boxy additions to a Queen Anne house mess up the massing.



SUCH DEDICATION TO DETAIL! WORKING EARLY PHONE, VINTAGE WARES, AND MEAT GRINDER, ISEE PAGE 18 FOR THE FULL STORY.)

## When I think it's an original kitchen,

you know somebody went all out. All I can say about Karla Pearlstein's Victorian cook room and pantries is WOW! Karla is a restoration consultant with a specialty in kitchens. In her own house, she and her crew got everything right: round-top windows that echo those in the Civil War-era house, the 19th-century layout, the wood flooring, gaslight-era lighting, the hardware and heat registers, even the china stored in the butler's pantry. Most convincing of all, she used unique, vintage fixtures including a cast-iron sink (and antique faucet) and a reconditioned cookstove. No, she hasn't lost her mind and gone back to the era of soot and low water pressure. This kitchen works. But the refrigerator, the freezer drawers, the dishwasher and appliances are so well integrated, they have to be pointed out. It was the perfect last project in an incredible restoration, Karla's labor of love.

In a recent lecture, I stated—I thought unnecessarily—that I do not consider period restoration in any way more "moral" than interpretive or eclectic design. The audience

smiled with a hint of relief. From its first issue in 1973, OHJ has urged  $owners-perhaps\ better\ called\ stewards-not\ to\ destroy\ good\ old\ work.$ Don't try to put an industrial loft in your Queen Anne by tearing out all the walls and walnut. But it's not necessary to turn back the clock; and replacing in perfect (expensive) detail that which has been lost over time is not an imperative. Just stay true to the structure's style and quality.

I have really enjoyed seeing mixed interiors, done well. Spare midcentury furniture in a rustic lake house comes to mind from a past issue, as does a high-ceilinged San Francisco townhouse unexpectedly filled with New England Federal and Empire furniture. Museum-quality houses like Karla's are rare, the result of dedicated study and years of collecting. Such houses are the work of creative minds having a lot of fun!

( Itil some

# THIS MONTH

#### **CALLING ALL** READER PROJECTS!

The editors eagerly seek reader submissions for the Success! feature (see p. 28). Your project may be big (a new Prairie addition) or small (turquoise paint on the front door). To start, all we need are low-resolution before and after pics and a brief description. Show us what you've been up to! Send submissions here:

lviator@ aimmedia.com



#### **ARTS & CRAFTS RUGS**

Explore with us the history, designs, and color sense of British and American carpets of the Arts & Crafts era. See our video in the Old House Design Hub. Find it at bit.ly/ acrugs.



# Old House

Remilled old fir that didn't hold up. I love wood, though! How about engineered hardwood?

EDITORIAL DIRECTOR

Patricia Poore

ADDIE ADDIE

GROUP CREATIVE DIRECTOR
Matthew Bates

MANAGING EDITOR

Linoleum, and I love it. |-

Lori Viator

SENIOR EDITOR Mary Ellen Polson White marble. But I'd rather have an easy-toclean composition vinyl!

ASSISTANT ART DIRECTOR
Megan Hillman

DESIGNER

Emily Levine

MULTIMEDIA SPECIALIST Andrew Bydlon

EDITORS AT LARGE

Gordon H. Bock, Brian D. Coleman, Lynn Elliott, Ray Tschoepe

CONTRIBUTORS

Clare M. Alexander, Regina Cole, James C. Massey, Shirley Maxwell

I love my hardwood floors, but linoleum would ease my worries about inevitable water spills,

WHAT'S YOUR

KITCHEN FLOOR-

AND WHAT DO

YOU WISH

YOU HAD?

ACCOUNT EXECUTIVES

Becky Bernie –

Carol Murray

I have square linoleum tiles, but wish I had (marbled) Marmoleum.

ACCOUNT EXECUTIVE, EVENTS
Julia Hite

DETROIT SALES MANAGER Keith Cunningham

GROUP PRODUCTION DIRECTOR Barbara Van Sickle

PREPRESS MANAGER

Joy Kelley
PREPRESS SPECIALIST

Galen Nathanson

ADVERTISING COORDINATOR Cossette Roberts

SENIOR GRAPHIC DESIGNER Michelle Miller

DIRECTOR OF RETAIL SALES Susan Rose Light-colored, textured ceramic tile, hard to keep clean. I want dark, wide-plank hardwood.

DIGITAL ADVERTISING OPERATIONS MANAGER Ron Goldy

Wood—red oak...and red oak! Maybe add a small Persian rug for winter months.

EDITORIAL AND BUSINESS OFFICES

5720 Flatiron Parkway

Boulder, CO 80301

TELEPHONE (800) 826-3893 FAX (303) 440-1618

BULK REPRINTS The Reprint Outsource (877) 394-7350

SUBSCRIPTION HOURIES (800) 234-3797

Current: parquet. Wish: geothermal cement.

HOME GROUP

Peter H. Miller, Hon. AIA
SALES DIRECTOR

Heather Glynn Gniazdowski

Tile, which is cracked everywhere. Wish I had hardwood. MARKETING MANAGER
Eads Johnson
WEB DEVELOPER
Bay Tran
ONLINE PRODUCER

Original hardwood from the '80s, warped in quite a few places. I wish it were tile, specifically Travertine.

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.

Josh Lewis

ACTIVE INTEREST MEDIA

CHAIRMAN & CEO

CHAIRMAN & CEO

Efrem Zimbalist III

PRESIDENT & COO

Andrew W. Clurman

EXECUTIVE VICE PRESIDENT & CFO

Brian Sellstrom

EXECUTIVE VICE PRESIDENT OF OPERATIONS

Patricia B. Fox

SEMIOR VICE PRESIDENT, DIGITAL & DATA

Jonathan Dorn

VICE PRESIDENT, CONTROLLED

Jonathan Dorn
VICE PRESIDENT, IGHTAL &
JOSEPH COhen
VICE PRESIDENT, RESEARCH
Kristy Kaus
VICE PRESIDENT, IT
Nelson Saenz

Enhance Your Kitchen with Bendheim Cabinet Glass:

Big Impact, Small Effort



With over 150 exquisite decorative glass varieties to choose from, Bendheim Cabinet Glass can help you transform old and new, custom and stock kitchen cabinets into unique designer creations. All our glass is fabricated to your specific sizes and safety needs. It is then safely delivered directly to your door: cut-to-size and ready-to-install.

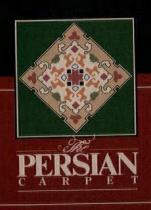
Begin your kitchen transformation today at:

www.BendheimCabinetGlass.com

BENDHEIM

Est. 1927





# THE ARTS & CRAFTS CARPET COLLECTION

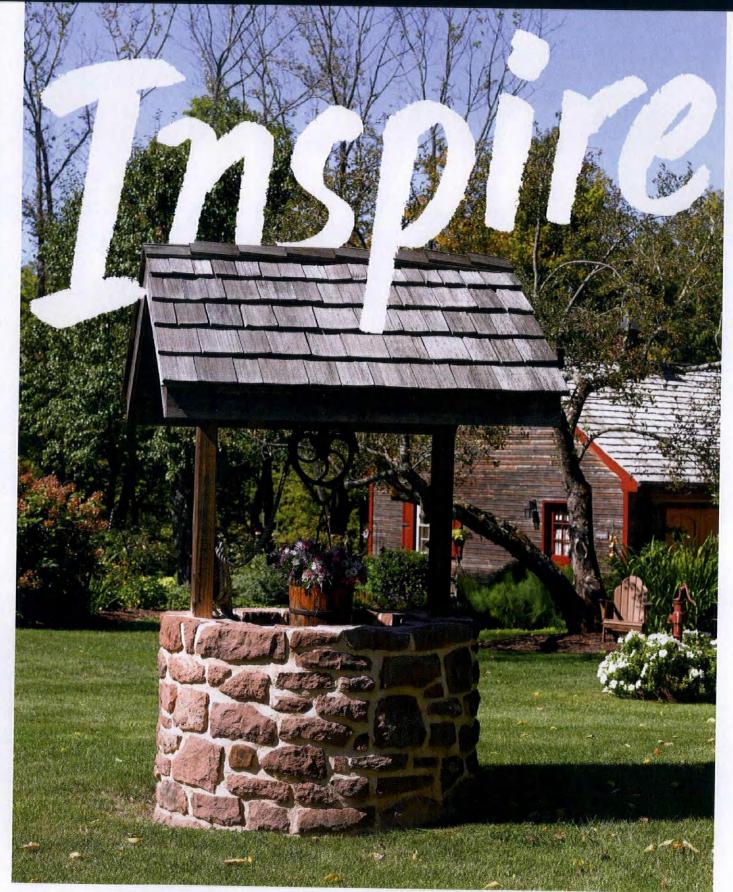
## Beautiful Border Rugs to Complement our Most Popular Designs

The most authentic and beautiful carpets in the Arts & Crafts tradition come from our looms to your floor.

Call for a dealer in your area.







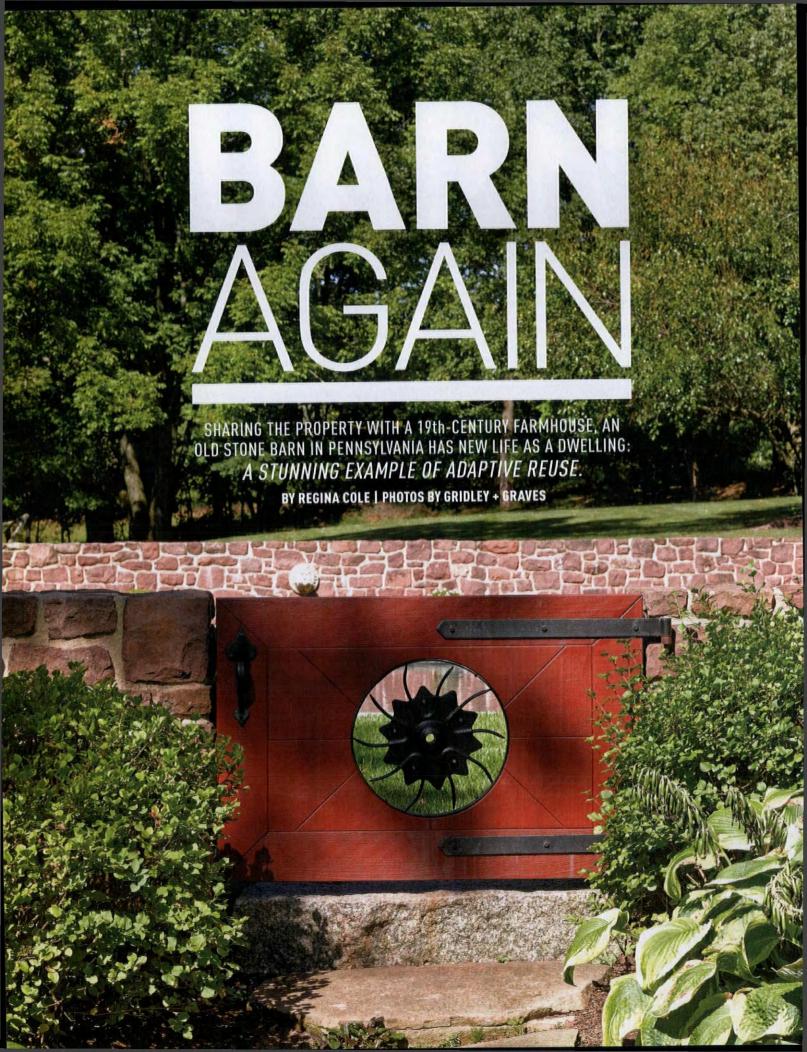
#### BARN AGAIN

A stone barn in Bucks County is a stunning example of adaptive reuse. + VERNACULAR HOUSEBUILDING

#### **AUTHENTIC WITHOUT COMPROMISE**

An old-house restorer recreates a kitchen for her own 1861 home.
+ UPDATING AN 1890s BATH WITH WOOD, NICKEL & MARBLE

28 SUCCESS!: COLORFUL GARDEN | 32 MY NEIGHBORHOOD: SHEPHERDSTOWN, WEST VIRGINIA | 34 WINDOW SHOPPING: GREEK REVIVALS





#### More Online

Follow us on Facebook to see our 10 favorite adaptive reuse projects. facebook.com/ oldhousejournal

THE GREAT WINDOW FLOODS THE INTERIOR WITH LIGHT, NEW WINDOWS AND FRENCH DOORS REPLACED THE OLD WOODEN DOORS THAT ACCOMMODATED TRUCKS DRIVEN UP THE RAMP. OPPOSITE: THE OWNERS USED MANY FOUND OBJECTS AND COLLECTIBLES; THIS GATE IN THE STONE WALL INCORPO-RATES A BIT OF OLD MACHIN-ERY, PROBABLY PART OF A MANURE SPREADER.

This 4,000-square-foot barn is part of a historic three-building complex that includes an 1816 stone house and an 1851 schoolhouse. "When I first saw the barn," says the wife, "I got very emotional. It was such a beautiful reminder of history, despite its condition. We put our heart and soul into the project."

When she talks about the 1822 barn in upper Bucks County, Pennsylvania, you can feel this owner's passion. She and her husband restored the building, transforming it into comfortable living space. As a family gathering spot, the stone building is the backdrop for new memories in the making for generations of blended family. The rural character of the area was also a draw. But it was the process of restoration that proved especially meaningful.

"It turned into an eight-year project that we worked on together-during which we learned more about each other," she says. "It was a lot of work, but definitely worth it."

The barn was constructed of a local Pennsylvania brown sedimentary stone

known as red argillite. A bank barn (one built into a hill or with a ramp to allow ground-level accessibility on two levels), it was originally a dairy barn serving the family in the small stone farmhouse next door. In the 1940s, it was converted to house chickens instead of cows. By the time today's owners saw it, the barn had stood unused for years. Its roof was full of holes, horsehair plaster was emerging from between the stones, and various sorts of wild animals lived inside.

The couple bought the house and the barn and, when the old schoolhouse went on the market three years later, they bought that, too. After years of restoration work, they can come here weekends and vacations, often with their children and grandchildren. The homeowner and her

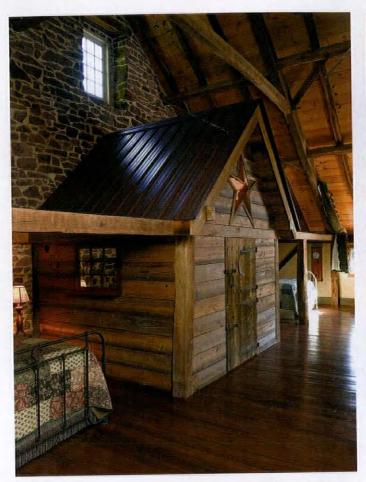
husband stay in the 1816 farmhouse, host big family meals in the barn, and put up extra guests in the schoolhouse.

"This area is still very rural; people live in houses built by their parents and grandparents," she says. "Yet, there are stores and malls ten minutes away, and it takes us just an hour and a half to get here from our weekday home in New Jersey."

The conversion to a family-friendly residence took considerable work. "First, we put on a new roof, then we repointed the entire exterior of the building," the homeowner explains. "Our mason told us that one of the stone walls was within a year of collapsing. After dealing with the exterior, we repointed interior walls."

The new owners installed running water, electricity, a septic system, heating, and air conditioning. They built and installed new windows and constructed stairs and lofts on the upper level of the wide-open space. They designed interior spaces around the existing posts, beams, and floor levels, and enclosed space only for the two bathrooms, one on each level.

"We did not drywall any of the walls because we wanted to keep it looking





THE UPSTAIRS BATHROOM IS WHIMSICALLY IMAGINED AS A RURAL OUTHOUSE, COMPLETE WITH A METAL ROOF. IT DIVIDES THE SLEEPING LOFT; QUILTS HUNG ON WIRE AFFORD PRIVACY. THE COPPER BATHTUB IS FITTED WITH A SHOWER. THE THREE-HOLER SEAT BACKED WITH A MIRROR IS A SLY REFERENCE.

like a barn," she explains. "There's a step up from what used to be the threshing floor to the kitchen. We had to design the kitchen around the barn's frame, which included incorporating a post when building the island, and designing the cabinets to accommodate a beam."

"In fact," she continues, "the beam goes into a wine rack that's above the sink. It is not centered, and that's one of the elements I love for its quirky nature."

She adds that she painted all the conduit wire dark brown to render it invisible. "It's the little details that really make a difference."

The homeowner prides herself on the fact that she and her husband restored and furnished their stone barn without the aid of either an architect or interior designer.

"It was our vision, our design sense

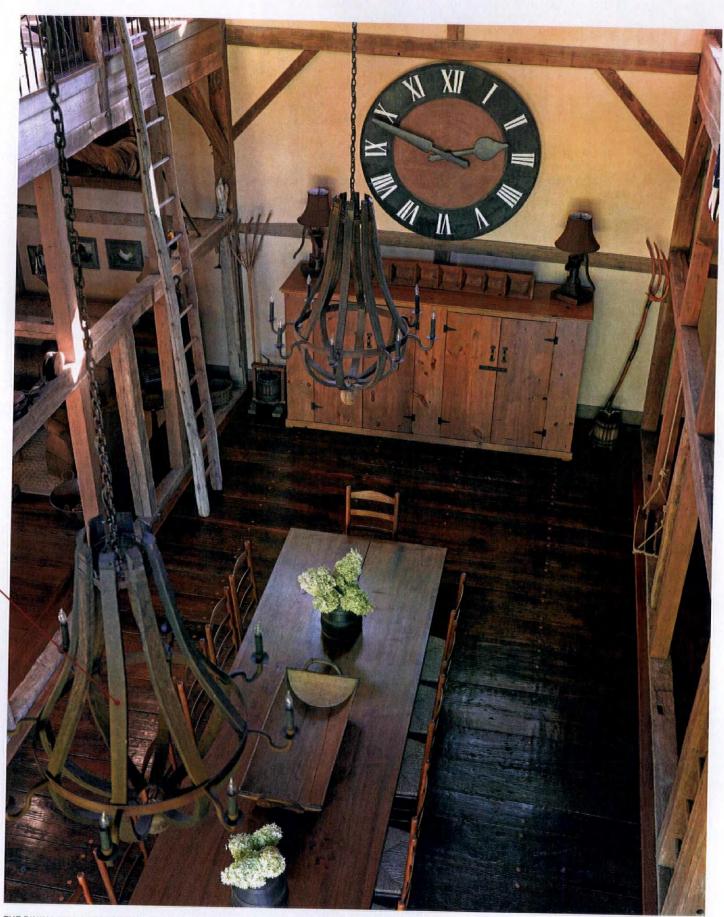
and color scheme, etc.," she says. "I was the general contractor and dealt directly with each craftsman. I was fortunate to have a great crew to work with, and a patient husband." They took their time, scouring antiques shops for furnishings.

The owners came to appreciate the expertise of area craftsmen as they dealt with a structure long on history but short on finish. "Our carpenter, Kenneth Schuebel of Hellertown, built all the new windows. He then installed them, which became the bigger challenge in a big old structure where nothing is plumb and nothing is level."

In nearby Quakertown, they found Jay Chaikin, who finds and saves pieces of old barns and industrial buildings; he helped when they needed to replace a few rotten structural elements. And "our plasterer,

#### ALL ABOUT SCALE

This restoration and conversion was considerably more complicated and expensive than a new build—but the owners had a mission: "Barns are becoming extinct, and this one is unusual because the entire building is of native stone. We don't know much about the people who built it, but we know their craftsmanship was extraordinary-saving it for the future is important." Adaptive reuse did not mean changing the inherent proportions and scale of the building. A window wall replaced the huge old doors; the loft was left open. Furnishing a space like this required ingenuity. Antiques, including a sleigh brought indoors, are big. The dining table is 14 feet long. Hanging over it are giant chandeliers, looking very appropriate for the period despite being made from vintage wine barrels.



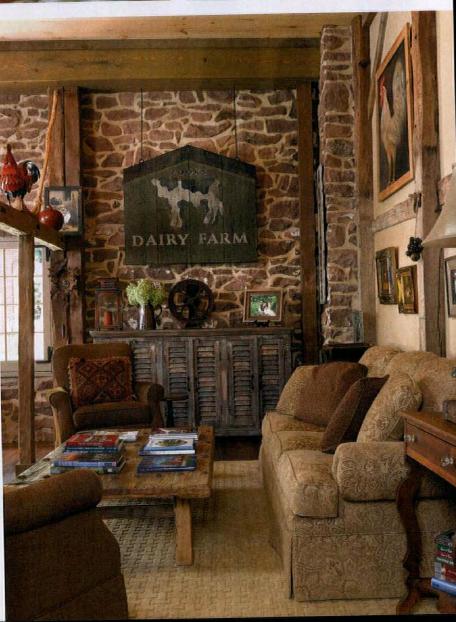
THE DINING ROOM OCCUPIES WHAT WAS ORIGINALLY THE BARN'S THRESHING FLOOR, DISTINGUISHED BY EXTRA-THICK FLOORBOARDS. THE 14-FOOT-LONG TABLE WAS BUILT FROM A BLACK WALNUT TREE DOWNED IN A STORM. THE LARGE-SCALE CHANDELIERS WERE MADE FROM WINE BARRELS IN BELGIUM.







TOP LEFT: SIMPLE WHITE-PAINTED CABINETS WERE INSTALLED AROUND THE BARN'S POSTS AND BEAMS. TOP RIGHT: WHEN THE OLD BARN WAS BUILT, IT WAS PRE-ASSEMBLED ON THE GROUND; BUILDERS SCRIBED TIMBERS WITH "MARRIAGE MARKS" TO SHOW WHAT WENT WHERE. ABOVE: THE COPPER SINK BY NATIVE TRAILS ADDS TEXTURE. RIGHT: OPPOSITE THE BIG WINDOW AT CENTER, THE LIVING ROOM PAYS HOMAGE TO THE BARN'S HISTORY WITH CHICKEN AND COW MOTIFS.



#### METAL BEDS

The barn's sleeping loft is outfitted with a white-painted metal bed laid with an antique quilt. Brass and iron beds date to the "hygienic" 1890s and have become a romantic classic for homes both rural and urban:



Brass and black iron bed with decorative cast accents and solid brass spindles: The 'Boston' by Charles P. Rogers: charlesprogers.com



The squared design and cannonball finials mimic old-style wood beds; heart-shaped accepts lend appeal. The 'Sena' from Wesley Allen is iron finished in Old Copper: wesleyallen.com



A delicate swag motif makes this bed perfect for Colonial Revival rooms, or those leaning toward French or Swedish design. 'Coventry' iron bed in Rustic Ivory, also from Wesley Allen.

RIGHT: MADE UP OF A SPIRALING POST SAL-VAGED FROM A NEARBY MILL AND SET ON A CONCRETE GARDEN ROLLER, THIS STRUCTURAL POST REPLACED A ROTTED ORIGINAL.



Jason Butler, made the new surfaces look old, which was exactly what we wanted."

The barn interior is now comfortably furnished for family gatherings. What was once the threshing floor is the dining room, one step down from the adjoining kitchen. The centrally located living room is comfortable with upholstered furniture. To honor the barn's years as a poultry house, the homeowner has created a whimsical theme with collectibles and art that have a chicken and rooster motif. The dairy barn history gets a few nods. Clocks, of special interest to the homeowner, are a striking element of the interior design.

A favorite feature is the upstairs bathroom. Situated between two loft bedrooms, it takes the form of an outhouse, complete with gabled metal roof and a crescent moon cut into the Dutch door. A large star made by a local glass artist fills the gable above the outhouse door. An actual wooden three-seat outhouse bench became the frame for the mirror!



# **BUILDING TRADITION**

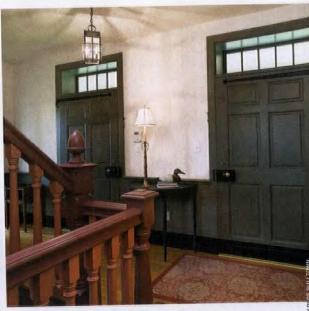
AN AUTHENTIC STONE HOUSE VERNACULAR IS STILL STRONG IN PENNSYLVANIA.

At Olde Bulltown the emphasis is on traditional building practice and authentic details dating from the 18th and 19th centuries—proving that they still do build 'em like they used to. Stoltzfus Enterprises, a custom builder, has taken on community building in Elverson, not far from the Main Line and Philadelphia. They were able to acquire

portions of the historic Thomas Bull property, including the barn, and saw a chance to re-construct a village on a vernacular plan closely resembling the town of Warwick, founded by Thomas Bull and inhabited by his descendants well into the 20th century. The old village had slowly faded as gristmills and general stores closed. The historic Bull Mansion is adjacent to the village entrance. So far 37 homes have been constructed; Thomas Bull was a stonemason who used Chester County fieldstone in his buildings, as does Stoltzfus. The core of the new village incorporates residential adaptations of such mercantile buildings as a blacksmith shop and schoolhouse. "Clients appreciate the traditional architecture and the finishes and furnishings selected," says Merle Stultzfus. "Some have restored period homes in the past; others couldn't see themselves in the midst of renovation." By Patricia Poore



construction materials are mixed at Pleasantview, in the tradition of old houses: one wing of the stone dwelling is wood-framed and covered in clapboards while the rear extension is brick. The house resembles the 1785 Bull Mansion—not a replica, but as if it were designed by the same architect.



INTERIOR DETAILS in Olde Bulltown's reproduction homes reflect traditional housebuilding, from the solid, extra-wide paneled doors and board wainscot at Pleasantview to the turned balusters and acorn finials on the Georgian-inspired staircase. Even the hardware is authentic to the period.

#### **How Does Harbor Freight Sell GREAT QUALITY Tools** at the LOWEST Prices?

We have invested millions of dollars in our own state-of-the-art quality test labs and millions more in our factories, so our tools will go toe-to-toe with the top professional brands. And we can sell them for a fraction of the price because we cut out the middle man and pass the savings on to you. It's just that simple! Come visit one of our 550 Stores Nationwide.







LOT NO. 97869/61790

MACHINERY 4" x 36" BELT/ DISC SANDER LOT NO. 97181/62502

99 REG. PRICE \$99.99

2633 lb. Capacity Super High Gloss Finish \$35999 REG. \$699.99 

LOT NO



Haul Master

WRENCHES PITTSBURGHERO 1/4" DRIVE · Accuracy 3/8" DRIVE LOT NO. 807/6127 1/2" DRIVE LOT NO. 239/62431 EG. PRICE \$29.89 

MACHINERY

**2 HP INDUSTRIAL** 

5 MICRON DUST COLLECTOR · 70 Gallon Capacity

STEP STOOL/ WORKING PLATFORM **HaulMaster** 83342845

1/4" TRIM ROUTER

dril master

REG. PRICE \$34.99

LOT NO. 66911 62515

44", 13 DRAWER INDUSTRIAL QUALITY

**ROLLER CABINET** 

REG. PRICE \$34.99

1000 lb. Capacity

LOADING RAMPS

12" SLIDING COMPOUND DOUBLE-BEVEL MITER SAW

**REG. PRICE \$299.99** 



STEEL FLOOR JACK REG. PRICE \$159.99

700 RUNNING WATTS
2 HP (63 GC) 2 GVC GAS RECREATIONAL GENERATOR NEW REG. PRICE \$179.99

No Hassle Return Policy

Lifetime Warranty On All Hand Tools

72" x 80" Mover's Blanket LOT NO. 66537 69505/62418 Item 66537 **REG. PRICE \$17.99** 

• 550 Stores Nationwide

HarborFreight.com 800-423-2567

 100% Satisfaction Guaranteed Over 25 Million Satisfied Customers

**REFINED CRAFTSMANSHIP** is evident in the Brown House sitting room (below) with its French doors and built-in bookcases. Floors are of quarter-sawn oak with a hand-rubbed, tung oil finish. Windows have 16"-deep sills and wells have chamfered corners.



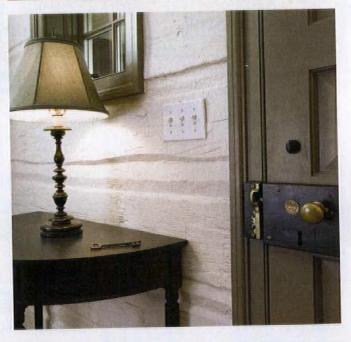


COMPLETE WITH A BERM and nestled into its sloping site, the Brown House mirrors 18th-century Chester County homesteads that were added to over time (above). Mixed materials were used in constructing stone, log, and wood-framed sections.

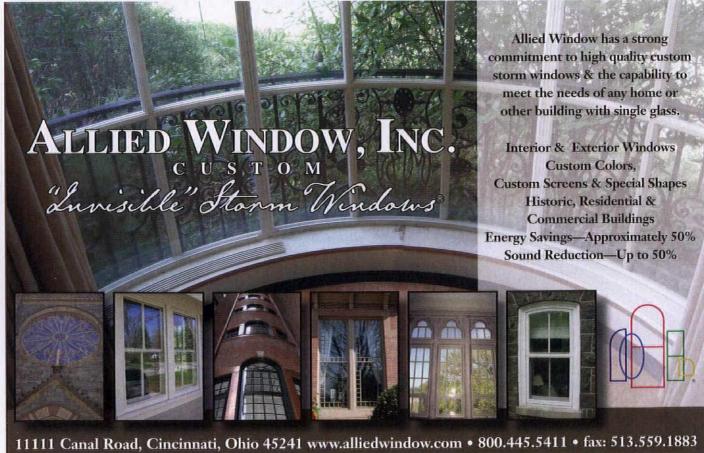
LOG AND CHINKING was used to build this home's center section or "hyphen," mimicking construction of an old summer kitchen (top right). The west side of the house is built of fieldstone taken from the site. Another section is covered with beveled cedar siding.

HISTORICAL HARDWARE includes this authentic 18th-century 10" box lock by James Carpenter, which was reconditioned (right). The front door is hung on fire-rolled, wrought-iron HL hinges. The interior of the log section is finished to resemble whitewash.

















# authentic without compromise

After 14 years designing appropriate kitchens for old-house owners, Karla Pearlstein gets around to doing her own.

STORY BY DONNA PIZZI | PHOTOS BY BLACKSTONE EDGE STUDIOS



REPRODUCTIONS OF THE 1861 WINDOWS TIE THE KITCHEN ADDITION TO THE ORIGINAL HOUSE. A HAND-PAINTED FLOORCLOTH, FOUND ON E-BAY, PROTECTS THE KITCHEN'S WOOD FLOORS. AN OLD BUTCHER BLOCK ACTS AS A PREP ISLAND, AND AN EARLY HOOSIER CABINET IN ITS ORIGINAL FINISH PROVIDES STORAGE WITHIN THE MAIN ROOM. HOLOPHANE GLASS SHADES OUTFIT A SET OF MATCHING LIGHT BRACKETS, WHICH ALSO WERE FOUND ON E-BAY.

estorers in the Pacific Northwest know about Karla Pearlstein, a design consultant who's a stickler for authenticity when it comes to kitchens for historic homes. Well, she finally got around to re-creating a kitchen for her own much-remodeled 1861 house in Portland, Oregon. (The 1960s kitchen she inherited was, oddly enough, situated in the front parlor.) The space she created—a main cooking room flanked by two pantries—admirably functions as a modern kitchen. Yet it presents no anachronism in the beautifully restored house. Authentic wainscoting and cabinets, antique pieces, a refurbished stove, and gaslight-era lighting fixtures look as though they survived from the 19th century.

The Italianate house is on the small side, yet it's elegant and comes with a history, being associated with the fifth Governor of the Oregon Territory (1854–59), George Law Curry, and his wife, Chloe Boone, great-granddaughter of Daniel Boone. The house has weathered countless storms in the name of progress, and was moved twice before arriving on its current site in 1964, after the City condemned it to make way for a freeway. Karla Pearlstein and her family came upon the house in 2000.

"It had been so remuddled inside, I didn't even want it," Karla says. "But my husband, Aaron, wanted to live in the Hillsdale area, and I wanted an old house. So we bought it understanding that we were in for an extended restoration and renovation."



#### Victorian context

Why such a period-perfect kitchen? It's the final act in an exacting restoration; the 1861 house is filled with wallpapers by Scalamandre and Zuber, gaslight-era chandeliers, a marble fireplace, and wool carpets.



TOP: A FULLY INTEGRATED, MODERN REFRIGERATOR IS CAMOUFLAGED BEHIND ICEBOX PANELS AND HARDWARE. THE BUTLER'S PANTRY IS VISIBLE JUST TO THE LEFT OF THE OLD CAST-IRON SINK WITH ITS MOLDED BACKSPLASH. ITS WOOD WASHSTAND WAS CUSTOM BUILT TO ACCOMMODATE THE VINTAGE PLUMBING AND FAUCET. ABOVE: FREEZER DRAWERS ARE INTEGRATED INTO THE DRY-GOODS PANTRY (LEFT), WHERE A COLLECTION OF CAST-IRON SKILLETS AND MUFFIN TINS HANGS FROM HOOKS ON WOOD CLEATS. A SLIDE-OUT DISHWASHER DISAPPEARS BEHIND DRAWER FRONTS IN THE BUTLER'S PANTRY (RIGHT).





#### Antique plumbing? It can be done! Here are 5 tips from the expert:

- "Everything I do is reversible," says Walter Parker. A modern plumber would have installed separate traps for the butler's pantry sink and the dishwasher beside it. "I eliminated one by putting a turn-of-the-century cleanout cover, called an 'ashtray' because it's shaped like one. A year later it still works beautifully."
- Consider old stock, not just look-alike "reproductions." Still-new vintage
  parts can be found in salvage yards and old plumbing shops as well as
  on e-Bay. Many of the parts used in this house were straight out of the
  original box.
- Check vintage plumbing catalogs to source parts. "The trap on the butler's pantry sink dates from 1887, one of the few traps with an adjustable swing," says Walter. "All the shut-offs are pre-1900, found in an 1890s Peck Bros. catalog."
- 4. When possible, leave space in cabinets for authentic plumbing configurations. A wood stand was built for the cast-iron kitchen sink and backsplash to allow sufficient space for the very cool plumbing,
- Be aware that trying to track parts from old catalog descriptions may lead down a rabbit hole; while 50 configurations might be shown, the majority are artists' renderings, as perhaps only 10 were actually produced by the manufacturer.

At the time of purchase, the master bedroom had been moved into an 1880s addition, where the dining room is now. The fireplace was dysfunctional, filling the room with smoke. (Mason Bill Smith rebuilt the throat.) The 1960s kitchen in the parlor had a vertical layout that required use of a ladder to reach most cupboards. One of the original floor-to-ceiling windows had been cut in half to accommodate a kitchen sink and dishwasher. An early priority, Karla says, was to find a woodworker who could replicate the old windows. That was accomplished by Don Pile, a master of historical millwork; he reproduced the parlor window and then built the kitchen windows.

Over the 14 years between buying the house and tackling the kitchen, Karla had been amassing a collection of vintage period appliances, lighting, hardware, accessories, and even wallpaper for her clients and herself. She also built an extraordinary research library filled with century-old catalogs, magazines, advertisements, and wallpaper samples—all valuable as reference materials.

For restoration jobs, Karla often teams up with house designer Matthew Roman, and he was a great help in her own kitchen project. Matthew explains: "My job, in this case, was to take the historic images Karla sent me and define both the arrangement of the spaces and the articulation of crown molding, rails, etc., to make everything work in the new pantries." The historically correct kitchen and pantries were placed in a new addition connected to the 1880s addition.

The modest addition meant that the pantries were windowless, so bringing natural light into them was critical. "We decided on skylights," Matthew says—not modern bubbles, but period-style ceiling wells, and skylights made of wood with the look of old glass. They used a series of solar tubes ("sun tunnels") to bring light down through the attic crawlspace and into the pantries. Contractor Mike Edeen added reflective Mylar to the tubes to diffuse the light, avoiding a spotlight effect. Karla discovered a laminated safety glass (through Bendheim) that looks like the old wire glass once used in skylights.

Then there is the magic of the plumbing. Karla had located an antique copper sink for the butler's pantry, and an early cast-iron kitchen sink with a molded backsplash. She found an old faucet for the pantry, but it was marked 'For Decorative Purposes Only'.



#### powder room

Period plumbing guru Walter Parker spotted the 1890s pink transferware sink on e-Bay; he provided vintage brackets and reworked the plumbing. An 1880s toilet completes the room.





ABOVE LEFT: AN 1890S PENN OLIVE CAST-IRON STOVE WITH ART NOUVEAU STYLING IS ACCOMPANIED BY A SIDE ARM AND COPPER WATER HEATER. THE SETBACK CUPBOARD KITCHEN AT LEFT, AN ANTIQUE FOUND AT REJUVENATION, DATES FROM THE LATE 1800S. ABOVE RIGHT: AN EARLY HOOSIER CABINET, FOUND AT AURORA MILLS, DISPLAYS OPEN AND LIDDED CONTAINERS. WOODEN KITCHEN UTENSILS HANG FROM CAST-IRON HOOKS SUSPENDED FROM THE WAINSCOT RAIL.



stove envy

Dave Erickson (Littleton, Mass.) restored the 1890s Penn Olive cast-iron stove, which has two ovens and six gas burners; Erickson also built the hood to match. Old stoves were often low for easier lifting of big, heavy pots; this one now rests on blocks.

"So, I sent it to the Old School Plumber, Walter Parker of Dudley, Massachusetts," Karla says. "He made it functional."

"It's a rare 1858 Fuller Ball patent mixer faucet with a swing spout," says Walter. [See the photo on p. 19.] "I've got another one that is stationary, but this is the only one I've ever seen with a spout that swings left to right. Everyone assumes that hot and cold mixer faucets were not around until the 'teens, but this proves that assumption wrong!"

Unable to find a local plumber able (or, perhaps, willing) to tackle her degree of authenticity, Karla asked Walter Parker to fly cross-country to finish the work. First she sent photos to Walter, who began searching for the parts he'd need. "He arrived with a suitcase full of them!" says Karla, who calls him a National Treasure of Historic Plumbing. While he was here working on Karla's Curry House, Walter

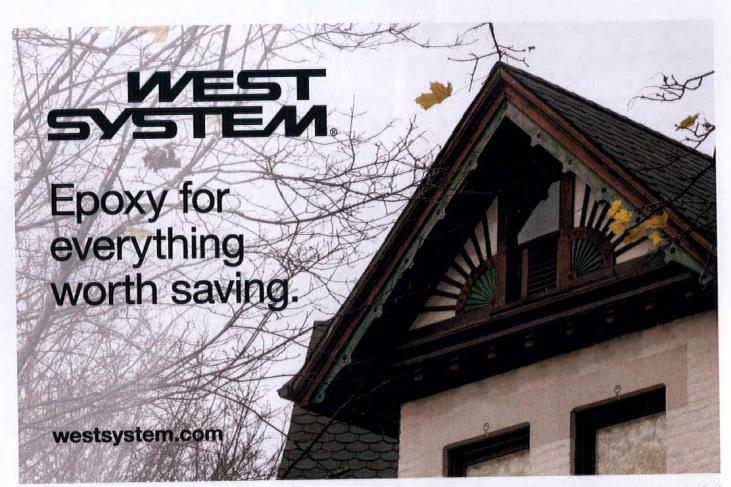
lent his expertise at the Pittock Mansion, a local house museum. Karla and Walter also relied on local plumber Tom Curran.

There was no need to disguise the stove in the main kitchen—it's a scene-stealing 1890s antique, refurbished by Dave Erickson. The low iron stove on legs now rests on blocks to bring it up closer to modern countertop height. Matthew Roman reports that Karla has since found an archival photo of a stove sitting up, like this one, on four wood blocks.

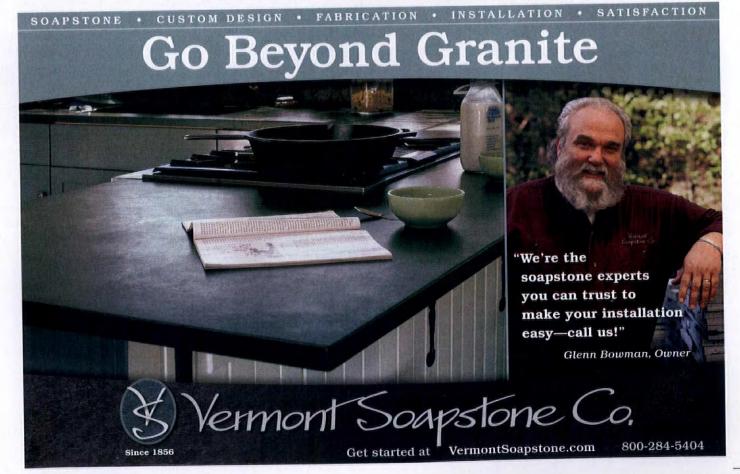
Then, also after the kitchen and pantries were completed, Karla found a century-old photograph showing an icebox placed between two doorways, leading to a dry-goods pantry and a butler's pantry. Exactly like Matthew's configuration.

"The old kitchen Spirit was with us," he jokes.

FOR RESOURCES, SEE PAGE 72.

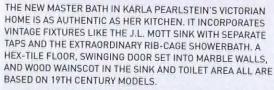


▼Circle 051 on Free Information Card











## **MASTER BATH RE-CREATED**

WOOD, MARBLE, AND NICKEL EVOKE THE PRIZED BATHROOMS OF THE 1890S.

Reconstructed, the show-stealing rib-cage shower is a replica of one sold in 1890s J. L. Mott plumbing catalogs. The pan is old stock, never used, while the cage and fittings came from a rectory in Boston. Restoration plumber Walter Parker cut the rib width down by five inches, made new pieces for those missing or broken, and re-nickeled all the parts. After an exhaustive search, "I found the missing Mott handles—Needle, Bidet, and Kidney Sprays...I really stretched to make this right," says Walter, who called dibs on taking the first shower. The swinging door and marble enclosure mimic an original toilet stall at Reed College. A vintage pull-chain toilet (its high tank just visible beyond the partition) was taken apart and "reinvented" by Parker. By Donna Pizzi

#### WOOD SCREEN DOORS & STORM DOORS











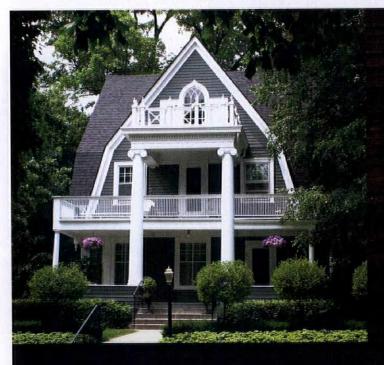


Over 300 Styles • Any Size • Various Wood Types • Arch Tops • Dog Doors
Wood Security Doors • Staining & Painting • Window Screens & Storms
Custom Designs • Made in the USA • Available Direct, Nationwide • And Much More!

COPPA WOODWORKING, INC.

(310) 548-4142 www.coppawoodworking.com

▼Circle 050 on Free Information Card



You've put your
HEART
and SOUL
into restoring your home.

ADDING AIR CONDITIONING DOESN'T MEAN YOU HAVE TO TEAR IT APART.

Trusted in more than 250,000 homes, the Unico System® fits into older homes where conventional heating and cooling units can't. Its modular air handlers install easily into attics, crawl spaces or closets, while the small flexible supply ducts route simply above ceilings, below floors or through wall cavities. And by eliminating the need for unsightly metal ductwork, the Unico System provides quiet, draft-free comfort that fits beautifully with your home's aesthetics.

To learn more about adding the Unico System to your home, call (800) 527-0896 or visit unicosystem.com today!



**The Unico System®** 

UNICOSYSTEM.COM (800) 527-0896

Outlets are available in styles and finishes to match any déco









BEFORE THE RYANS ADDED FLOWERS, THE YARD WAS MANICURED BUT MONO-CHROME (BELOW). NOW PLANTINGS DEFINE SPACE; ANTIQUE IRON URNS ADD STATELY APLOMB AND SEASONAL COLOR. A NEW WATER FEATURE NEAR THE PATIO, THE ONLY PROJECT DONE WITH PROFES-SIONAL HELP, SOOTHES WITH SOUND.



Going from swaths of green to a colorful Eden. By Mary Coe Ryan

We're proud to have an elegant old property in Flint, Michigan. My husband, Daniel, and I bought this 1938 Tudor Revival house in 1987-wow, over 27 years ago. We are only its third owners.

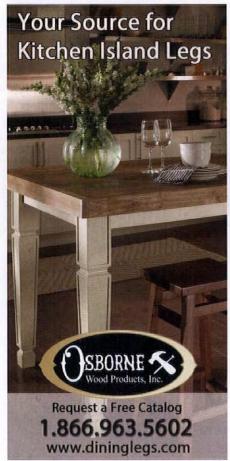
Overall, the sturdy house was in good condition-it retained its original 1938 kitchen, which was deemed unsalvageable by the time we remodeled the space in 2006. It took four months; the project included transforming a covered porch into a bar and office space adjacent to the kitchen. It works much better now. We've also updated bathrooms and put on a new roof.

Generally, the condition of the yard was good. We were lucky to have inherited lovely brick sidewalks and paths, though many of them have needed repair, given our harsh Michigan winters. But the lack of color was very unappealing to me. We've added flowerbeds over the years. In fact, we added many, many perennials, as there were none to speak of earlier. Now we enjoy continuous color from early spring through late fall.

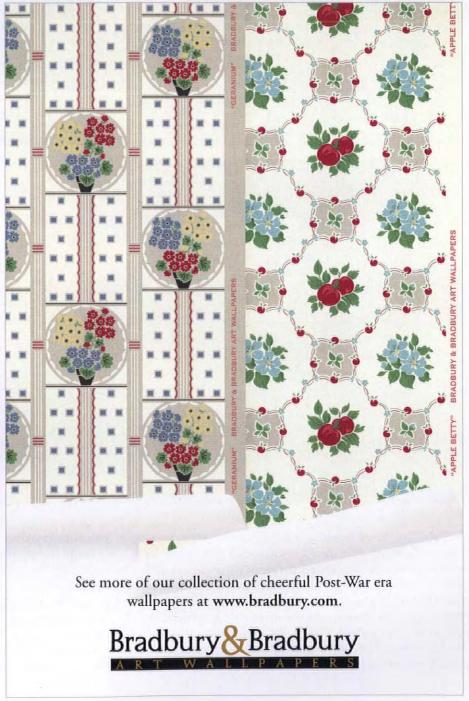
Our approach to the redesign was to create separate gardens: a shade garden with hostas and ferns; an astilbe garden on the















#### SYMMETRY

A heightened sense of passage comes from symmetrical arrangements here and at the front entry. Taken from the street, this photo looks toward the house. Before, the space was just a lawn; the Ryans added barberry and boxwood, and the flanking Peegee hydrangea trees. The property now has many different gardens: flowers at curbside, a parterre in front, foundation beds, a circular garden at one corner. Still, order prevails!

Each space has its own balance and symmetry. The parterre in the front lawn, for example, has strong geometry overflowing with Knock Out roses, white Blanc de Courbet roses, and service berry shrubs.



AT THE REAR, GNARLY OLD GROWTH (ABOVE) WAS REMOVED TO MAKE WAY FOR LOW PERENNIALS AND SHRUBS FLANKED WITH A BORDER OF COLORFUL ANNUALS. CLIMBING EUONYMOUS GIVES A VERTICAL ACCENT. THE RYANS ADDED THE WINDOW BOX.

side; a hidden garden featuring hellebores, Pulmonaria, various ferns, and statuary. Now there's a hammock for lazy afternoons, and a water feature with a pond and small waterfall near the patio. We expanded our use of various boxwood and hydrangea trees. Hydrangea trees are wonderful performers with their showy mop-head blooms, lasting well into fall. A spring show is important, so hundreds of daffodils, tulips, iris, and (my personal favorite) alliums come up in April and May. In the summer, annuals add strong accents of red (begonias and geraniums),

yellow (marigolds), and purple (salvia).

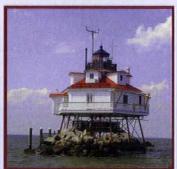
I would *not* say our gardens are low maintenance. I work in them every day, some days more than others. We did not hire a designer or landscape architect, though we've had help with bed preparation and planting, and James Goodrich Landscape Co. created the water feature. Since these gardens were decades in the making, we had time to put a lot of thought into their design.

Daniel and I are very flattered to have our gardens featured in Old House Journal. Thank you!



▼Circle 035 on Free Information Card





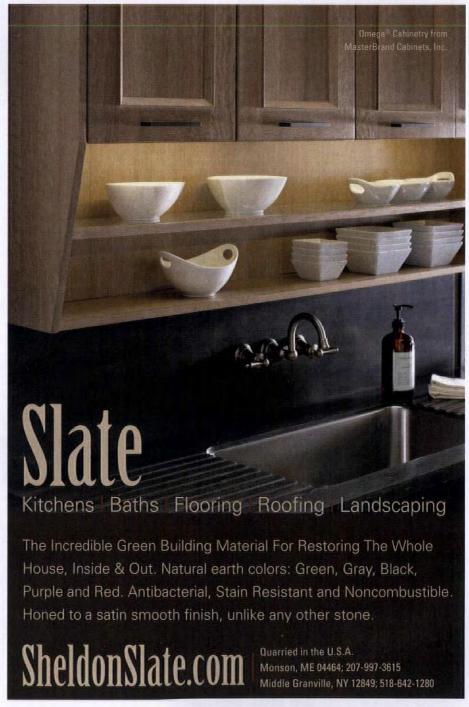
Acrymax<sup>®</sup> Coatings are dependable, durable, high performance coatings. They offer proven solutions for protecting and weatherproofing buildings of all types.

Metal Roof Restoration Recover Low-slope Roofs Masonry Wall Coatings Protective Coatings

1-800-553-0523 www.preservationproducts.com



▼Circle 040 on Free Information Card



#### RED BRICK, 1793

The center-hall Spaulding-Baker House was built in 1793 on German Street. Exhibiting Georgian-style details, it has a fine cornice with classical modillions, Flemish-bond brickwork, and flat arches with keystones over the windows. The wide, three-bay front porch with columns, quite probably a later addition, is typical in this part of West Virginia.

#### THE CROOKED HOUSE

A series of picturesque additions followed the original house erected in 1786 by Cato Moore. This main section with its rectangular porch and the right-hand wing is two storeys. Ann Christy's home is one of the area's few genuine 18th-century woodframed houses. Architecture in Shepherdstown represents the town's entire past, although some houses conceal 18th-century origins behind 19th-century façades.

#### V-NOTCH LOG

Two-storey log houses were once a common building type; large windows in this example suggest a later remodeling. Log construction was common from the mid-18th century until the mid-19th century in rural areas including Jefferson County.

V-NOTCH CORNER



"This town is very artistic very creative. There's always something going on. Shepherdstown is never boring!"



#### THE PICTURESQUE DOWNTOWN is

packed with artists and craftsmen, antiques shops, and restaurants, occupying spaces once claimed by millers, tanners, and blacksmiths.



# Old South | Shepherdstown, West Virginia

A small university town on the Potomac River, south of Harpers Ferry in the northern Shenandoah Valley, Shepherdstown hosts a slew of federal enterprises, including the U.S. Fish and Wildlife Service's National Conservation Training Center. But its heart is its

history. Woven into the local fabric, the Great Philadelphia Wagon Road, the Chesapeake and Ohio Canal, and the Baltimore and Ohio Railroad all came early to this mountain site; the area retains poignant memories of Revolutionary and Civil War sacrifices. The whole town is a designated National Register historic district. Its residential area remains a quiet haven of 18th- and 19th-century houses tended by preservation-minded owners aided by the Shepherdstown Historical Commission. By Shirley Maxwell & James C. Massey



#### **GREEN SERPENTINE**

The primary façade of this mid 19th-century house is of green Serpentine stone, quarried in southeastern Pennsylvania and uncommon outside of this region. As shown here, it was typically face-laid in an irregular pattern. The five-bay form with gabled roof is traditional, updated for the period with paired console brackets, windows with segmental-arch tops, and a distinctive rounded porch with lonic columns.

#### **GREEK CUBE**

Built in 1832, the side-hall Warner Briscoe House reflects the waning Federal style even with its distinctly Greek Revival doorway; notice the prominent sidelights and transom. The front porch or raised portico has, typically, a Tuscan design with paired columns.

#### LOG WITH SIDING

The "Yellow House" traditionally has been called the Entler—Weltzheimer House, and is now part of Shepherd University.
The house dates to the late 18th century; like most log houses, this one has log construction covered by wood siding. It is typical of the small, one- or one-and-a-half-storey homes once common in the Shepherdstown region.

Tour more Greek Revival houses at oldhouseonline.com/greek-revival.

#### **Little Temples**

Here's your chance to live large in a home with features directly descended from classical Greek or Roman architecture.



#### CLIO, SC / \$275,000

Enclosed by a wrought-iron fence with mature gardens, this 1911 Neoclassical Revival house's details include 10 fireplaces, a formal entry with original unpainted woodwork, original ceiling fixtures, and grand landings on every floor. The intact butler's pantry serves a sensitively renovated kitchen.



#### SUMMIT, MS / \$229,900

Built by a member of Congress, the 1869 Thomas Stockdale House sits on an entire city block. The intact double entry, reached from the colonnaded front porch, retains its original sidelights and transom. Inside are original columns, wainscoting and ceiling treatments, four working fireplaces, and heart pine flooring.



#### CANAAN, NH / \$899,000

Originally built as a stagecoach tavern in 1798, this home was remodeled and greatly enlarged in the mid-19th century. It's variously been a hotel, livery stable, prep school, and small college. Historic elements include the deep front porch and a vaulted ballroom space.



#### BARNEVELD, NY / \$289,000

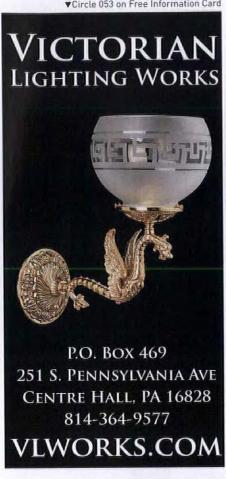
Initially built as an Odd Fellows Lodge, this threestory pedimented 1906 Neoclassical Revival is composed of limestone. Massive Ionic columns flank either side of the entry. Interior features include 17foot ceilings, triple-height windows, and deep crown moldings on the first floor.

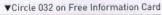


#### KINGSTON, MA / \$499,900

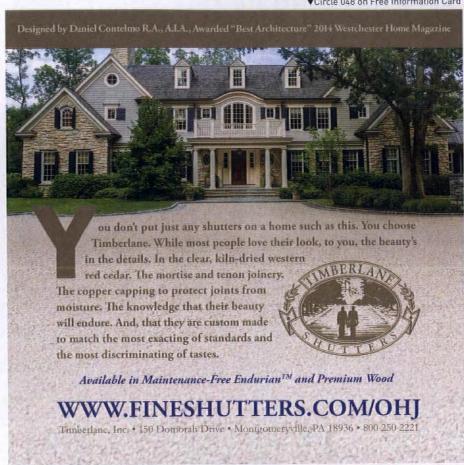
Sited in a Downingesque-garden with mature plantings, the 1842 Greek Revival Joshua Delano House retains many of-the-period features, including the exterior pilasters and door surround. Inside are original mantels, pumpkin pine floors, and a staircase with a turned newel post.

▼Circle 052 on Free Information Card









VERMONT QUARRIED IN VERMONT The World's Finest Serpentine Stone The warmth and look of marble, harder and less porous than

many types of granite • www.vtverde.com • 802-767-4421

ANTIQUE

# CHECK OUT THESE COOL FEATURES. Exclusively on the ipad.



# More Features:



TABLET CONTENT



STEP-BY-STEP



EMAIL US



TAP-ABLE RESOURCES

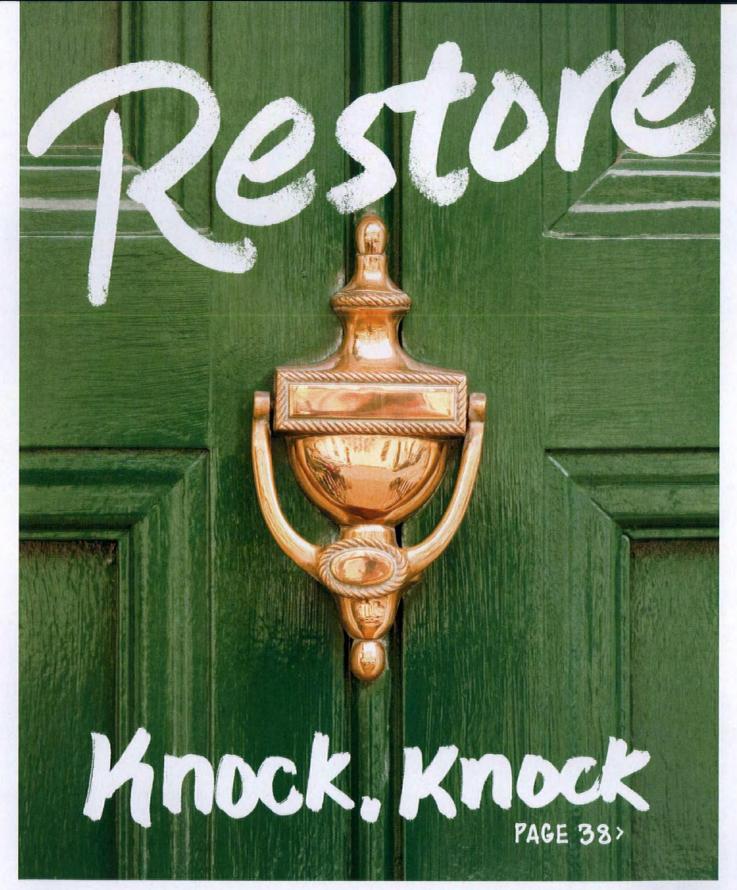


PLAY VIDEO



EXPANDED VIEW

DOWNLOAD THE DIGITAL EDITION AT: OLDHOUSEONLINE.COM/OHJDIGITAL



44

**LOST ARTS:** BUILDING A HISTORIC FENCE Historic fences weren't necessarily fancy. Here's an appropriate DIY project.



- 46 FIELD TESTED: SUBCOMPACT DRILLS
- 48 QUICK MAKEOVERS: EASY KITCHEN UPDATES
- 50 STUFF I SCREWED UP: TUNG OIL
- **52 SALVAGE IT**
- 54 DO THIS, NOT THAT
- 56 ASK OHJ



# DOORS





# INSIDE&OUT

WHETHER WELCOMING GUESTS AT THE ENTRY OR HIDING THE CONTENTS OF A CLOSET, TRADITIONAL DOORS ARE A KEY ELEMENT OF PERIOD MILLWORK.

BY MARY ELLEN POLSON

hether you live in a 1795 Federal or a Mid-century Modern Ranch, count yourself lucky if your house has its original doors. Despite real improvements in the styling and surface finishes of newly made doors, there's simply no comparison between a stock door and an original of a certain age—even when the old one has flaws or those inevitable character marks.

Older doors are made from real wood, the various components fit together like pieces in an architectural puzzle. The interlocking of parts not only imparts strength, but also allows for movement; seasonal shrinking and swelling with changes in temperature and humidity. A traditionally crafted door is a cunning survivor.

Most interior and exterior doors built between 1750 and 1940 are made with frame-and-panel construction, producing the common and easily recognized panel door that gets its name from the vertical panels that appear to float between flat cross and side pieces, called stiles and rails, that hold them in place.

The panels—usually four to six per door—can be almost pancake flat, at crisp right angles to the stiles and rails. More typically, however, they are beveled on all sides to create what's called raised paneling. This approach creates architectural relief and enhances the illusion that the door is thicker and stouter than it actually is.

One of the key characteristics that makes a raised-panel door authentic is the profile of the bevel or angle. On Georgianera doors, for instance, the profile is fairly shallow and more rounded than that of Federal doors. On Greek Revival and Shaker doors, the bevel is sharply angular. The profile on Colonial Revival raised-panel doors is typically deeper and curvier than on any actual colonial antecedent.

Accompanying such architectural styles as Second Empire, Italianate, and Queen Anne, paneled doors were used in matched pairs. These double doors might meet to form a unified arch, or be topped with a transom. Advances in millwork meant more elaborate use of architectural relief. Beveling and other embellishments were sometimes applied to the door itself rather than cut into the panel, saving time and effort on the shop floor.

Doors for houses built after 1900 tend to be more standard in size and features, which made it easy for builders to use them interchangeably on a wide range of houses. Another cost- and labor-saving innovation was the move to flat-panel doors, like the cabinet doors in kitchens of the period. Other panel styles include the five-panel, a type that appears in houses from Victorian Queen Anne to Arts & Crafts

Bungalow. A favorite for more utilitarian areas, the five-panel door is composed of horizontal panels top to bottom.

By the 1950s, of course, many interior and even exterior doors had lost all architectural relief and were a single plane of wood—either solid and intercut with decorative glazing, or, for many types of interior doors, with a hollow core. (Hard to believe that many of these doors are now old enough to be considered historic.)

A minor repair to the surface of a panel door usually involves filling gouges and cracks with wood putty, followed by sanding, and several coats of paint. With a hollow-core door, though, there isn't enough material to effect more than superficial repairs. While you can patch veneer with matching material, it takes practice and a steady hand to get a seamless result.

For a door that is badly damaged, it's possible to find a replacement that approximates what's been lost, or have one built to spec. Many building-supply stores still stock wood doors, but in some circumstances, you may want to consider a contemporary molded door. Unlike the architectural puzzle of a century-old door, they are cast over a honeycomb-like core, then covered with either a paint-ready finish or veneer. The difference is that the square-edged or beveled panels that create relief are molded right into the door.



### NEW FINISHES FOR AN ENTRY DOOR

If possible, remove the door and all fittings and lay it flat across sawhorses to work. Otherwise, mask all hardware with painter's tape.

#### **PAINTED FINISH**

- Chip away any loose paint and sand surface with 80-grit sandpaper so that the surface will hold new paint.
- 2. Paint the door with wood primer, starting at a top corner and working toward the floor, then painting the other side, including the edges. Let dry, then sand with 220-grit sandpaper. Clean with a tack cloth.
- Apply the first coat of finish paint with a quality-bristle brush, using the same stroke method. Apply paint to an unpainted part of the door and brush back into wet paint. Allow to dry.
- 4. Sand the first coat lightly with 220-grit sandpaper and clean with a tack cloth before applying a second coat. Allow two days' drying time before resanding and cleaning prior to adding a third coat.
- Allow another two days before reattaching the door or removing the painter's tape.

#### STAINED FINISH

- Strip and/or sand away any existing varnish, using successively finer sandpaper and an orbital sander. Wipe with a tack cloth.
- Cover the entire surface of the door with a clear wood preservative such as boiled linseed oil, starting with the molding and edges, then the flat surfaces. Allow to dry thoroughly.
- 3. Brush on the stain, blending the edges with light, overlapping strokes. Wipe away any excess. The longer you let the stain soak in, the darker the finish it will be. Allow to dry for 24 hours before applying a second coat.
- 4. After applying the final coat, let dry for two days. Then apply multiple coats of a good quality varnish. (Use marine-grade spar varnish for an exterior door; ordinary polyurethane will yellow and crack quickly when exposed to sunlight and damp.)
- 5. Refresh as necessary with additional varnish coats.

#### MIRROR FINISH

- To get this European look, chip away loose paint, and sand with at least three successively finer grades of sandpaper, until the finish is smooth to the touch.
- 2. Prime the door with an oil-based primer. Apply several coats of a brilliant-quality enamel, such as Fine Paints of Europe's oil-based Hollandlac. Polish with fine-grit sandpaper between coats, and wipe down with a tack cloth.
- For best results, apply at least five thin layers of paint, until the last coat reaches the desired shine without sanding.



#### More on the iPad

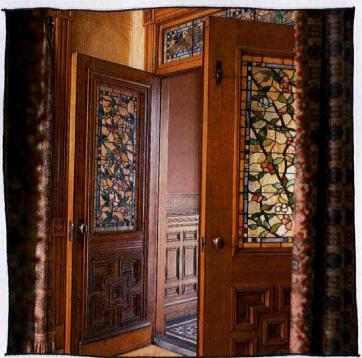
Try different doors on various house styles in our digital issue oldhouseonline.com/ohjdigital.



#### IN PERIOD HOUSES, DOORS ARE AN IMPORTANT STYLE MARKER.



**GEORGIAN** Nothing is bolder than this style of the late colonial period (revived in the 20th century). The entry was often emphasized in an otherwise plain facade. Here, a pair of heavily molded doors with bulls-eye glass is surmounted by a broken pediment.



**VICTORIAN** In the second half of the 19th century, paneled doors were installed in matched pairs. These double doors opening to a vestibule are in the Aesthetic Movement style and boast art glass in panels and in the transom overhead.



**ARTS & CRAFTS** The horizontal five-panel door is a favorite of the bungalow era. Sometimes one or two panels are replaced with glass, especially on exterior doors. These interior doors open from the entry hall of a 1910 Pasadena bungalow.



MID-CENTURY MODERN Geometric cutouts—diamonds, circles, squares, and rectangles—admit light and add style to the flush doors of the 1950s and '60s. These doors were almost always painted, in colors from peach and coral to lime green.

### EASY REPAIRS FOR YOUR FRONT DOOR

#### WEATHERSTRIPPING AN EXTERIOR DOOR

- Measure opening for the weatherstrip.
- Cut the weatherstrip to length.
- Measure and mark off nail positions at roughly one-inch increments.
   Use a spring-loaded center punch or awl to make the marks.
- 4. Tack in place from the top portion of the weatherstripping. Use a spring clamp at the bottom of the metal strip to keep the material from curling up.

- The nail pattern should look something like this when finished.
- Snip and cut the bottom edge to fit the contour of the threshold.
- Place and fit the bottom edge and complete the nail pattern.
- After the nailing is finished, flex the weatherstripping with a flat putty knife or other straight edge.

















CHECK THE FIT AND SEAL TO MAKE SURE THE WEATHERSTRIPPING IS SNUG AGAINST THE DOOR WHEN CLOSED, AND THAT THERE IS NO LIGHT COMING THROUGH BETWEEN THE DOOR AND THE JAMB.

### Watch the Video

Get tips for painting a paneled entry door at **oldhouseonline.com**.

### REPAIR A SCREEN DOOR













- Place blocks under all four corners of the screen door to be repaired and use weights or clamps to form an arch in the middle of the door. This will help stretch the screen once it is nailed in place and released.
- Measure, cut, and place the new screen on the door, leaving a little extra to help with holding the screen tight during nailing.
- Working from the top and bottom, nail both ends and release the clamps, which will pull the screen tight. Nail a consistent pattern 2 to 3 inches apart

- on the balance of each side of the door.
- 4. Cut excess material after you have tacked the screen in place. You may also be able to use a razor knife to cut the excess, depending on the screening material used.
- Replace molding after all of the screen has been nailed and remove clamps or weights from the door.
- Many types of screen are available, including traditional bronze; choose for your application and budget.







#### **MATERIALS**

#### **PROTECTIVE GEAR**

- □ Leather gloves
- ☐ Sturdy boots

#### **TOOLS & SUPPLIES**

- ☐ Long-handle shovel
- ☐ Straight bar
- □ Post-hole digger
- □ 4-foot level
- □ Hammer
- □ Circular saw
- □ Nylon string/ Chalk line
- □ Galvanized 6d and 16d nails
- □ 4x6x8 foot pressure treated poles
- □ 2x4x16 foot pressure treated yellow pine rails
- □ 1x5 inch by 5 foot long white cedar pickets

# **Building a Historic Fence**

A carefully restored old house, like this 18th-century one, looks best with a fence that matches its era. Even though the average lifespan of a wood fence is just 25 to 30 years, meaning the fence has been replaced many times along the way, a period design is superior to the cookie-cutter fencing available at stores today. In addition, pre-assembled fencing may be difficult to install for pleasing results. Note that this one is a side-yard fence. Front-yard fences typically feature molded column boxes along with spindles or pickets. By John Schnitzler

#### **CHOOSING MATERIALS**

New England's early fences were usually built of pine—with structural posts in white cedar, locust, or oak. You can still find and use these woods, or substitute with another rot-resistant species. For posts and rails, consider cedar, white oak, or pressure-treated wood. For boarding, pickets, or spindles, use high-quality white pine or cedar lumber.

Too many fences sit in the dirt and prematurely rot, because the pickets' end grain soaks up moisture. A sloping grade requires that you find your grade angle and precut your picket ends, lending a pleasing appearance. -70hn Schnitzler















#### STEP 1

To dismantle the old fence, cut rails off at posts and remove by sections. Remove posts with a shovel, one at a time. Re-set a pole every 8 feet. It's best to re-use existing pole holes for new posts as the soil has been disturbed already and tends to be clear of debris and rocks. Poles that are cemented in require that you break up the cement and shovel it out.

#### STEP 2

To install new poles, set corner posts first. Dig each hole a minimum of 3 feet deep, as this depth will securely hold the post, while avoiding frost and wind shear. Set the pole in the hole, and plumb it on two sides, then slowly backfill 6 inches at a time and tamp down well. Repeat until each post hole is completely backfilled. Once corner posts are in, run string/chalk line from post to post to make your straight fence line, marking every 8 feet for new posts.

#### STEP 3

Now that the posts are in, you must mark out and fasten the horizontal cross-rails. For a 5-foot-high fence, use two horizontal rails; a taller fence will need three cross rails. With string held between two corner posts, set rails a foot above grade, and place your top rail 8 inches below the top height of the fence. Go down the line and mark the posts. Attach rails with 16d galvanized common nails, alternating joints so no two are on one pole. Cut fence-post tops at a slight angle to shed water.

#### STEP 4

To install boards, lay 2x4s on the ground, just under where the bottom of the rails will be. This provides a guide board that gives you an even, horizontal line. Starting at the corner, place your picket on the guide board, level it and nail it, and proceed down the length of the fence, moving the guide board as you go. Mark the designated height, and with a chalk line, from corner to corner, snap for a top-of-picket cut line. Cut with a circular saw. Stain, or prime and paint as desired.



# Subcompact Drill/Drivers

By Michael Springer

Subcompact 12-volt drill/drivers are among the fastest growing tool categories in recent years. Though most people call them cordless drills, the "drill/driver" nomenclature is important. The "driver" part of the name means that the tool has a clutch ring to set the torque delivered and thereby control the depth of driving screws, a feature not found on old-school corded electric drills.

Subcompacts have enough power and runtime to please both casual tool users and pros whose work requires driving smaller fasteners and drilling smaller holes than more common 18-volt tools are actually needed for. After all, why constantly carry and lift more tool than you really need? With motor and battery tech-

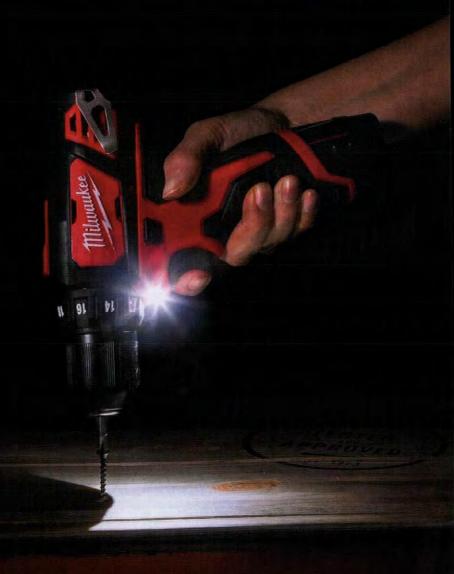
nologies rapidly improving, these smaller tools rival the full-size cordless drill/drivers of just a few years ago.

The feature sets associated with these new tools remain full-grown, too. All of the tools we tested have 3/8" one-handed drill chucks, two gear selections for a choice between higher torque or higher speed, and variable-speed triggers. In addition, every tool has multiple clutch settings that range from barely seating a 1-inch screw in drywall to drilling mode, which puts out all the power the tool motor can muster. Other common features include LED headlights and trigger lock-off switches, and a few of the tools have added features such as onboard fuel gauges and reversible belt hooks.



### **Know Your Limits**

More and more homeowners are using the latest generation of subcompacts as their only drill/ driver. If you plan to do this, make sure you know your tool's performance limits so you don't overload and burn it out. If you do find that you need a larger backup tool for occasional uses, it will undoubtedly be cheaper and easier to invest in a strong corded model rather than a cordless tool. Cordless batteries are expensive and require charging maintenance to stay in good shape. -Michael Springer





To get the most drilling and driving out of your tool, use its controls to your maximum advantage. High and low gear determine the torque vs. speed output, and the clutch settings let you dial in the depth-ofdrive force to seat fasteners just right.



For boring holes or driving fasteners in all sorts of tight spots, a subcompact drill/driver is an ideal tool. Using 1-inch bits (if the tool fits them) is an easy way to get additional room.



These tools don't come with a lot of extras, but one feature that comes in handy is a belt hook that can be attached to either side of the handle. Besides making it easier to climb a ladder with the tool, it also keeps the tool right at hand.

## Head to Head

OUR TOP PICKS PACK PLENTY OF POWER INTO LIGHTWEIGHT AND COMPACT PACKAGES.



PORTER-CABLE

and a magnetic bit

Roland Pitcairn

Get It: \$85, porter

cable.com

PCL120DDC-2

#### **DEWALT DCD710S2**

Light weight, a slim The lowest-priced drill grip, a free-spinning in our test impressed nose piece at the end of some but disappointed the chuck, and a battery others. "It's a sweet that allows the tool to little drill," said DIYer stand up earned the Juan Aviles. "It's very DeWalt drill high marks smooth and quiet, which in terms of design. "It is nice." Other pluses has a fantastic feel that included the comfortonly gets better with able, rubberized grip; use," Aviles said. And it an adjustable belt hook; didn't skimp on power and precision, eitherholder on top of the tool. a responsive trigger However, other testers helped with delicate were turned off by its tasks like installing relative lack of power. hardware, but it had "It had adequate torque enough brawn to drill for driving screws, but it into framing lumber. took the longest to drill Our testers' main gripes holes," observed DIYer were about its relatively long head and lack of a battery indicator.

Get It: \$139, dewalt.com



#### RIDGID R82009K

Petite but rugged, the Ridgid was the bulldog of our test, offering an impressive amount of muscle in a small package. It short head was a boon for maneuvering in tight spaces. However, at 5.3 pounds, this was one of the heavier drills we tested, and several testers found the wider grip less comfortable. "It felt unnecessarily bulky for a 12-volt drill," Pitcairn observed. Our testers enjoyed the large, responsive trigger and easy-touse clutch ring, but bemoaned the lack of a belt clip and difficult-tochange gear switch.

Get It: \$99, ridgid.com



#### MILWAUKEE 2407-22

The Milwaukee drill ably handled all the tasks our testers threw at it. but some were turned off by the larger body, which seems more akin to a compact drill than a subcompact. "I kept feeling like a kid who snuck his Dad's drill out of the workshop," Aviles noted. Thoughtful design-including an easy-to-grip clutch ring and an on-board battery indicator-helped sweeten the deal. It was also the only drill to feature an all-steel chuck sleeve-"a nice feature for durability." Springer said.

Get It: \$129, milwaukee tool.com





#### **BOSCH PS 32-02**

The only drill in our test with a brushless motor, this is a premium model-something our testers noticed. "It's stronger than its small stature implies," observed expert Michael Springer. The upgraded motor also put it at the top of the heap in terms of runtime. Our testers praised the on-board battery indicator and precise trigger response, but were less enthralled with the slippery grip and weak clutch settings. All agreed that the compact body makes this drill a real standout.

Get It: \$159, bosch tools.com

# **Kitchen Comforts**

Easier and cheaper than a kitchen remodel, these three projects add function and style to your hardest working room. Find space for pots and pans; swap out the sink; update a focal point. **By Lynn Elliott** 



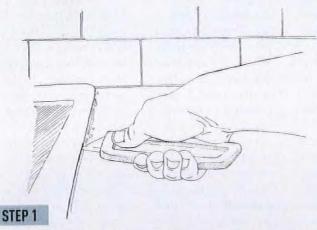
Hang a pot rack A pot rack stores pots and pans while making them accessible—and it's a traditional look. Available in iron, copper, bronze, brushed nickel, and even wood, pot racks emphasize your kitchen style. The ceiling should be at least 8' to allow for clearance. The pot rack will bear weight, sometimes a lot of weight, so secure it into joists. Use a stud finder to locate joists in the ceiling; mark their positions. The rack may be hung along one joist or across two. In either case, measure and mark the position of the 4"-long stainless-steel eye bolts. Drill pilot holes with a bit one size smaller than the eye bolts. Screw the bolts into the pilot holes. Measure the length of the chains and determine an acceptable hang level for the rack. Cut the chain with bolt cutters. Attach chains to hook to install the pot rack. Check for level, and adjust the screws until everything is aligned.



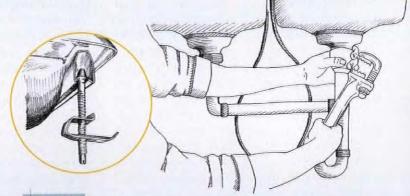


Replace the sink

You obviously can't retrofit a smaller sink without changing the counter; a bigger sink might work if the countertop material is easily cut. Check the clearance under the sink before you buy a deeper basin. (You may be able to adjust the drainage plumbing.)



Shut off the water at the shutoff valve under the sink; open the faucet to drain any water. Disconnect water supply lines and remove the faucet. Loosen the slip nuts and gasket on the drain and detach it from the floor pipe. Turn the mounting clips sideways. Gently slide a utility knife under the rim of the sink to loosen the seal; take care not to gouge or scratch the countertop. Lift out the old sink. Clean off any old sealant on the countertops.



#### STEP 2

Run a bead of new silicone sealant along the rim of the sink and position the sink. Remove excess sealant. Run plumber's putty around the edges of the drain and install. Attach the faucet and apply silicone sealant around the openings. Tighten the mounting clips underneath the sink, then connect the drainpipe. Now connect the water supply lines to the faucet, hot on the left and cold on the right. Check for any leaks. Allow the silicone sealant to cure for a day before using the sink.



## Tile a backsplash

Backsplashes are more than a backdrop. Washable, waterproof tiles (for example) revive the room with period design or a fresh color accent. Select the right type of tile, remembering that wall tiles are thinner and lighter-weight than floor tiles. Ceramic and porcelain tiles usually come with spacers, while glass tiles are arranged on a mesh backing.



#### STEP 3

Once a section is complete, measure and cut the tiles for edges or corners. Hold the tile against the space and mark where it needs to be cut. Use a tile cutter for porcelain and ceramic tiles; sand the rough edges with a sanding stone. Small cuts or rounded corners can be done with tile nippers. For glass or large tiles, use a wet saw to make any cuts. Place the cut side of the tile toward the edge or corner. If the cut tile is going into an area too small for the trowel, add the mastic directly to the back of the tile and place it.

#### STEP 4

Allow the mastic to dry for 24 hours before applying unsanded grout. Prep the tile surface by wiping with a damp sponge and removing all of the spacers. Working diagonally across the tiles, apply the grout into the seams with a rubber grout float held at a slight angle. Do not grout the seam between the countertop and the first tile course. Allow the grout to dry for 30 minutes, then wipe with a damp sponge, rinsing and wringing it out as needed. Allow the grout to completely dry for 24 hours before applying a grout sealant. Buff the tiles with a clean cloth to remove any film. Run a bead of appropriate caulk along the countertop seam, and smooth with a finger.

#### STEP 1

Prep the surface by sanding with 80-grit paper and then wiping with a damp cloth. Also remove switch plates. Check that the countertop is level and plumb and mark a reference line for the first course of tiles on the wall. The tops of the first row of tiles will run along this line. Also measure and mark the center of backsplash section you are tiling. Dry fit (lay out) the tiles on the countertop or the floor and make sure the arrangement fits in that section of the backsplash. Check to see if any tiles need to be cut at the ends or around electrical outlets, or if the tile layout should be adjusted to accommodate gaps.

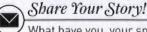
#### STEP 2

Using a V-notched trowel, apply the mastic to the wall. (Notches are usually 1/4" or 3/8" deep.) Spread the mastic with the flat side of the trowel and then score it at a slight angle with the notched side. Apply the mastic only to the area you are working in-below the reference line for the first course-because it sets up quickly. Place a row of spacers along the edge of the countertop. Start installing the first tile at your center point and then work outwards on both sides of the center tile. Press the tile firmly into the mastic (but don't squeeze it) and use spacers between each tile. Repeat the process for the rest of the rows, working upwards and using spacers between each row as well as each tile. Periodically check that rows are level.





After painstakingly stripping white paint off of the moldings in a bedroom in our 1899 house, I needed a way to refinish them. Looking at the original unpainted molding underneath a built-in cabinet, I could see that it was slightly darker than the stripped molding, with a nice satiny finish, so I got the bright idea to refinish them with tung oil. Six coats later, the wood looked just as dry and dull as it did when I started, and I was at my wit's end. – *Clare M. Alexander* 



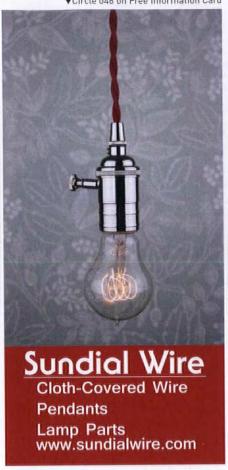
What have you, your spouse, pet, contractor, previous owner (you get the picture) screwed up? Email us at **lviator@aimmedia.com**.

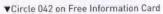
#### THE FIX

Trying to solve the problem via a Google search yielded only recommendations to apply up to a dozen more coats (which was not going to happen). so I turned to wood finishing expert Bruce Johnson for advice. He told me that my instinct to use tung oil-which has long been used as a finish on floors and woodwork in old houses-wasn't exactly wrong. "The advantage is that it dries in the wood, not on the wood, so it gives a more natural appearance than brushedon polyurethane," he says. (Note that 100% pure tung oil, which I used, is different from the many "tung oil finishes" on the market today, which include thinners and additives and may have little to no actual tung oil.)

My problem, according to Johnson, was where I applied the tung oil-to wood that had previously been painted. "Even though you stripped and sanded it, the paint-saturated pores just are never the same, and won't be able to absorb enough tung oil to ever build a shine," he says. To salvage my efforts, he recommended switching to an oil-based polyurethane. "Since it dries on top of the wood, you'll build up more sheen than you ever could using just tung oil."

He also gave me an alternate recipe for refinishing the moldings in subsequent rooms to match my original specimen: strip and sand, then stain to match before coating with polyurethane (preferably a wipe-on version, which will lend a more natural look than brush-on formulas).









▼Circle 015 on Free Information Card



#### AUTHENTIC COLONIAL PERIOD WOODEN BLINDS

Free Brochure • Authentic Design • Free Measure Guide Show off your windows with high quality, custom fabricated wooden blinds. Delivered to your door in 4 to 6 weeks, at a cost comparable to generic blinds.

**AMERICANA** 

OHJ/0415

800-269-5697

www.shutterblinds.com

# Restore SALVAGE IT



ABOVE: JIM HOFFMAN AND DORON SABAG WANTED TO HIDE THE APPLIANCE IN THEIR SMALL NEW YORK CITY KITCHEN. THEY MADE USE OF NEWLY PAINTED, OLD TIN CEILING PANELS. BELOW: EMBOSSED METAL AWAITING RESCUE AT A SALVAGE YARD.



#### THE COST

Metal panels<sup>1</sup> \$0-\$150Trim set  $\pm $400$ 

Paint<sup>2</sup> \$50

TOTAL \$450-600

1 most 2x2 panels cost \$20-50 each; salvage may not necessarily cost less than new

**2** one gallon of high-quality rust-inhibiting alkyd gloss suitable for both primer and finish coats

# **Tin Ceiling Panels**

Embossed "tin ceiling" panels were used to create a cabinet front, dressing up (and disguising) a modern refrigerator.

By Brian D. Coleman

Stylish and fire-resistant, so-called "tin ceilings" were long used in kitchens—but the decorative cladding material doesn't have to stay on the ceiling. Here is an especially handsome example: a traditional embossed design used to cover a refrigerator. The metal panels were used in conjunction with a readily available trim kit.

Some high-end "built in" refrigerators are made with edging trim that accepts panels (typically of wood, but embossed metal works as well). You can, however, apply panels to virtually any fridge with a kit like Frigo Design's trim sets (frigodesign .com). You buy a customized kit for your very model. Choose either overlaid (which allows the panel to run to the edge of the fridge door), or recessed (fitting within the trim's framework). For flat-faced doors, the trim set is attached with heavy-duty tape; for rounded doors, the trim set is screwed into the sides. The typical fridge door takes

about five 2x4-foot panels, depending on the design and panel size. Allow for centering, cutting, and waste.

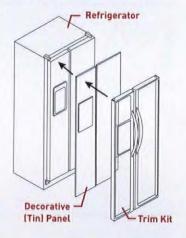
Most salvaged metal ceiling material (it may be tin-plated steel, stainless steel, aluminum, or brass- or copper-plate) is still quite sturdy, easy to clean up and repaint. Some of the traditional designs are still made today, often using the original dies—but others are uniquely historic, so using salvaged tin adds special vintage appeal.

For similar projects, of course, you can use leftovers from a ceiling job, or new panels purchased for your small project. A modern option: faux-tin panels made of durable thermoplastics.

Salvaged tin ceiling panels are also well suited for re-use as a fireplace surround, in the area under a breakfast bar, and as a mirror frame. And you can usually find enough of a pattern to decorate the ceiling of a small space, like a vestibule or powder room.

#### INSTALLATION

- 1. If the salvaged metal is rusty or has flaking paint, seal it with a coat of acrylic varnish or lead-encapsulating paint to help prevent future paint flakes (and keep them out of food), and to make it easier to remove fingerprints and smudges. Otherwise wirebrush, prime, and paint the metal. Clear finishes are best reserved for new metal.
- 2. Clean the refrigerator door well with mineral spirits or a 50/50 solution of rubbing alcohol and water to ensure a good bond for the trim set's tape.
- **3.** Panels may be secured onto the refrigerator with double-sided adhesive tape if they aren't fitting tight within the edging.

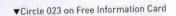


#### INSPIRATION & PRODUCTS

backsplashideas.com faux tin; see Fasade Backsplash Traditional in oil-rubbed bronze classicceilings.com Victorian-Art Deco styles in different metal plates & finishes thetinman.com Chelsea Decorative Metal, 2x4" tin-plated steel panels in nostalgic designs metalceilingsexpress.com metal ceiling tiles, snap-grid systems, backsplash tiles & trim shanko.com Shanker tin & copper ceilings/walls since 1896 wfnorman.com made on vintage machines in many designs, metals & finishes

















OUR DIGITAL EDITIONS OF OLD HOUSE JOURNAL, ARTS & CRAFTS HOMES, DESIGN CENTER SOURCEBOOK, AND NEW OLD HOUSE ARE GREAT TO READ ON THE IPAD.

TRY OUT OUR DIGITAL EDITIONS AT OLDHOUSEONLINE.COM/DIGITAL

# "Restore It - Don't Strip It!"

All things old can be new again! Why go to the extreme of stripping a finish that just needs a little help? Restore it - with Howard Restor-A-Finish and then maintain it with Feed-N-Wax Wood Conditioner. Most finishes that seem to need a refinishing job can be restored in about an hour. Simply wipe-on the color of Restor-A-Finish that best matches the finish of your wood and then wipe-off. Follow up with a coat of Feed-N-Wax to maintain the restored look. Call today and ask where Howard





Eliminate white heat rings, water marks, sun fade, oxidation, smoke damage, etc.



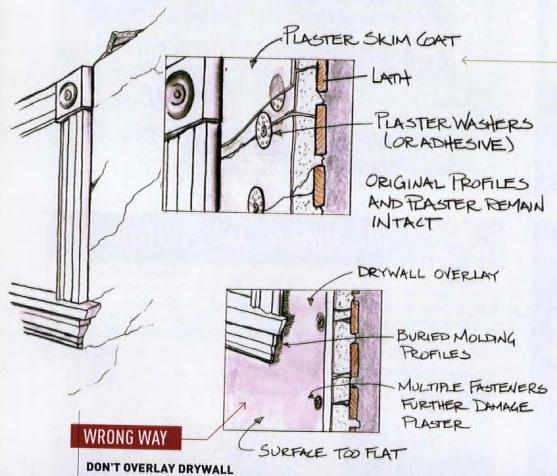
NET: 16 FL OZ. (1 PT.) (47



Howard Products, Inc. • 800-266-9545 • www.HowardProducts.com

# **Patching Plaster**

It's all too familiar: Old house owners encounter a wall that seems excessively cracked. Sure, a few diagonal hairline cracks snaking across the wall are perfectly reasonable—but this time it seems serious. Cracks traveling in a variety of directions frequently coalesce to where some of the surface is lost. A few days later, a contractor with little experience in old houses convinces the owner that the wall should be demolished and drywall installed. Numerous causes for apparent failure range from settlement to water infiltration or poor installation. If the cracks are large—that is, greater than an ½ of an inch—it is reasonable to investigate structural issues. On the other hand, a maze of smaller cracks may be no more than a nuisance. By Ray Tschoepe



A contractor with no real plastering experience is likely to recommend one of two approaches: (1) removal of all of the cracked plaster to replace it with drywall, or (2) application of ¼-inch-thick drywall to the surface of the failing plaster. As the saying goes, when you have only a hammer, every problem looks like a nail. The first solution results in a "mess"—it'll seem like a 100-square-foot wall produces 300 square feet of debris! Installation of drywall inevitably will disappoint you in its flat, paper-textured appearance as well as its function. Plaster walls are harder, more fire resistant, and offer a greater level of sound deadening. The second common recommendation "saves" the old plaster, but it's usually so badly damaged by the nailing or screwing of the drywall that it's unrecoverable. Worse, the visual impact of adding a layer to the walls is that all wood trim will lose its depth and look like it has sunk into the wall.

#### **RIGHT WAY**

#### **REATTACH AND SKIM COAT**

If you find a skilled plasterer, he may advise you to remove the plaster and install new plaster (either three-coat or veneer plaster on blueboard). This often is the best solution; still, other options are not as costly and retain the original plaster walls. A DIY project may be accomplished over a long weekend. Even badly cracked plaster can be resecured to the wood lath and studs using either mechanical fasteners called plaster washers or adhesives that require the temporary installation of plaster washers until the adhesive cures. Once reattached, the plaster may be resurfaced with application of a skim coat in the form of a veneer plaster or even joint compound. Veneer plaster is not very forgiving after application, so a practiced hand is essential. Joint compound lused in "taping" drywall joints) can easily be smoothed with either sandpaper or a coarse sponge. Take advantage of the many vacuuming devices specifically designed for sanding joint compound if you go this route.



▼Circle 029 on Free Information Card

## **Buy Factory** Direct & Save!

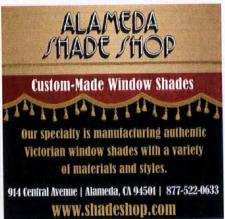


Many Styles & Colors **Baked Enamel Finish** 

Send \$1 for Brochure. Refundable with Order. 160 Airmount Road, Dept OHJ,

MONARCH Mahwah, NJ 07430 201-828-5716 www.monarchrad.co

▼Circle 002 on Free Information Card







ETALCEILINGEXPRESS.COM

Tin Ceiling Tiles | Nail-up | Drop-in | Snap-Grid | Backsplash | Crown Moldings

Authentic Tin Ceiling Tiles | Factory Direct 32 Patterns | Hand Faux Finished Tiles Fast Deliveries | Top Quality

> 1650 12th St East | Palmetto, FL 34221 www.metalceilingexpress.com 941,723,2288



▼Circle 033 on Free Information Card



VINTAGE LIGHTING

Sourcing the Best Value in Quality Antique & Reproduction Lighting

Visit our website to view over 750 unique and beautiful items. www.PWVintageLighting.com

> 1-866-561-3158 2 State Rd, Great Barrington, MA 01230



Have a Question?

Ask us at ppoore@aimmedia.com.

I am researching a box built into a kitchen wall, near the rear door of an apartment building constructed in 1936. It was manufactured by Dura Steel in California; Dura Steel, now out of business, made milk boxes and mail chutes/boxes prior to WWII. This unit has no exterior access, there is no drain and no flue of any kind. It has one vented door that opens into the kitchen.

-J. W. Armstrong Sr., Los Angeles, Calif.



My initial thought was that your steel wall bin is related to the California coolers popular from 1910 and into the 1950s: a (usually tall) cupboard vented to the outside. Some renovators have restored them to use, and you can often see remnants on the outside of buildings—they look like a narrow, louvered, through-wall air conditioner (sort of).

From an online discussion of California coolers: "In Paris, France, kitchens of the late 19th century flats had the same ventilated cupboard called a *gardemanger* (food saver) which was usually built under the kitchen window. Most

of them disappeared as buildings went through renovation from the early '70s on...however I always felt it was a loss, as these contraptions gave the ideal halfway temperature for a many staples. Red wine hates cold temperature [but] needs to be kept in a cooler place than the kitchen. Cheese can be kept in the fridge, but it is great to have it warm to a higher temperature. Most berries have their flavor killed by low temp. Eggs do not need to be refrigerated. Etc."

Then again: I once owned a limestone row house in Park Slope, Brooklyn, built as a two-story over two-story duplex in 1911. The third-floor kitchen was largely unrenovated as of the 1980s and retained a through-wall steel bin that opened only on the inside and was vented to the outside. (Since it was on the third floor, it clearly wasn't for deliveries.) My memory is that we "knew" it was a trash receptacle, a place to keep smelly kitchen refuse (away from vermin, and venting to the outside) until it could be brought out. What I can't remember is why we thought that: whether an old-timer had told us all the houses used to have them, or if something stamped on the bin led us to that conclusion.

You note, however, that your little steel box vents to the inside, not outside. It seems more decorative than warranted. Fellow old-house editor and archivist Gordon Bock offers this: "Mr. Armstrong might consider if what he has is an 'iron safe'. Apparently there was once a market for an out-of-harm's-way-place to put hot laundry irons (and perhaps coal embers?) to cool off. This would fit with the lack of outside ventilation and maybe even what look to me like heat or scorchmarks in his photos."

To our readers: Do you know what the steel wall box was used for? Please send me an email! —Patricia Poore

The outside walls of a room that was formerly an attached garage have brick veneer, which is flaking badly. Any ideas?

—Ronald Hoffman, Little Rock, Arkansas

Chances are that some aspect of the garage remodeling—lack of a moisture barrier in the walls, perhaps, or improper ventilation in the walls or roof—has created moisture buildup behind the brick veneer. Exterior spalling suggests moisture movement from the building's interior, outward. Although waterproof masonry coatings are often promoted for blocking water (rain) penetration, more often they actually trap moisture inside the brick, which eventually migrates out, taking coatings and even the brick with it. Brick spalls, too, when trapped moisture freezes. —Gordon Bock

•I'm the owner of a ca. 1860
house and I'm not fond of
multi-layered window treatments. In
other homes in our historic district,
I've seen original interior shutters. I
would like to find similar ones, with
movable louvers. Does anyone make
these for non-standard windows?

-Joseph Forrest, Lambertville, N.J.

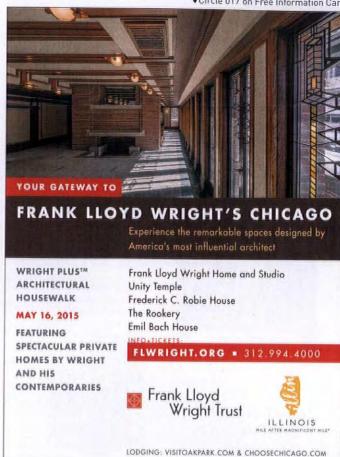
Yes, you can buy custom-sized and built, operable interior shutters in wood, both louvered and paneled, and in colonial, Victorian, and traditional styles. Shutters should recess into the window frame and fit perfectly. Americana (shutter blinds.com) makes a Victorian period shutter with 1%" operable louvers, which would fit with your Civil War-era house. Or try Kestrel for custom-proportioned and -sized hardwood interior shutters in many styles (diyshutters.com). —Mary Ellen Polson

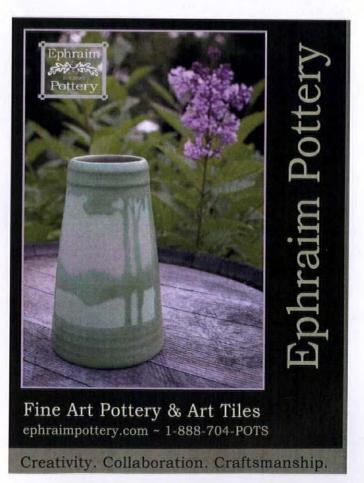






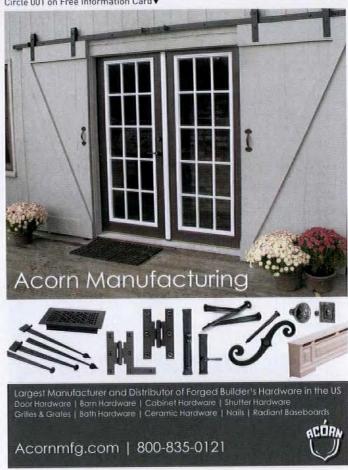




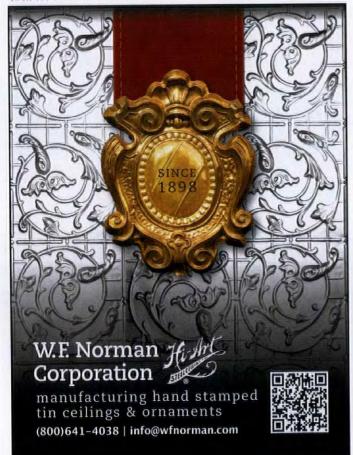


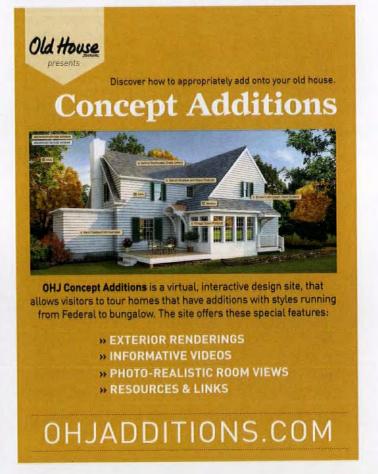


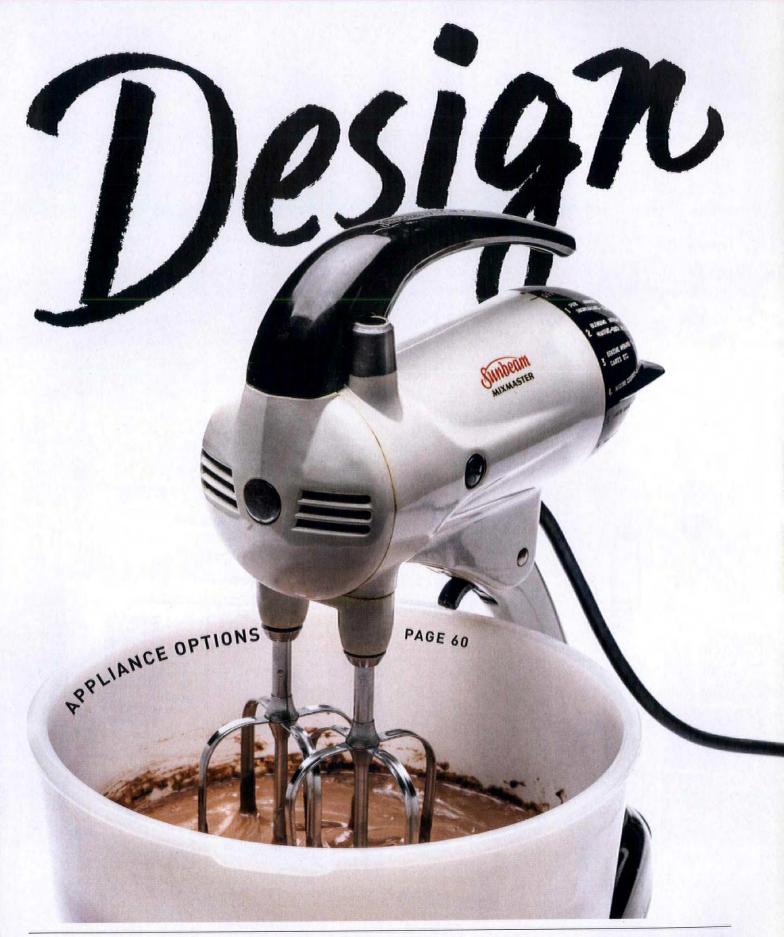
Circle 001 on Free Information Card▼



Circle 055 on Free Information Card♥







66 VINTAGE VISION: THE CRAFTSMAN DINING ROOM | 68 FAVORITE THINGS: RETRO KITCHEN | 70 THEY STILL MAKE: BLOCK-PRINTED WALLPAPER







ifferent ways of furnishing a period kitchen are all acceptable practice, and you can tailor any of them to an old house—or combine them—with good results.

The first approach is to go with the real thing: restored, vintage appliances of a style or era that might once have appeared in your home (or that you were lucky enough find tucked away in the basement). The older the house, of course, the less practical is this idea. While the big black cookstove was a staple in modern kitchens by the 1850s, early refrigerators and dishwashers date just to about 1920. The sweet spot for vintage is probably the 1940s and 1950s. The older and more desirable the appliance, the pricier it will be.

The second approach is to choose new appliances that approximate the look of period ones, or that are outright reproductions. Don't assume that all repros are Fifties-specific; some are actually patterned on 19th-century originals. Keep in mind that the basic shape of the kitchen range has changed little over the decades, and the fridge has looked more-or-less the same since the 1920s. The differences are in the details: nickel trim in the 1880s, two-tone enamel in the 1920s, and streamlined chrome fittings in the 1940s and '50s. Some high-end ranges offer details like enamel finishes or nickel-trimmed knobs that resonate with period styles.

A third way is to buy a suite of contemporary appliances with clean, straightforward lines in a neutral, time-honored material like white enamel or stainless steel, tying the kitchen to the rest of the house by other means (cabinets with period molding details and finish, for instance). Stainless steel is the most popular finish available today, guaranteeing a wide range of choices and price points.

All that said, there's no such thing as a cookie-cutter approach to period style. Appliances that look right in a 1950s Ranch are likely to look out of place in a Queen Anne, and vice versa. Here are some tips on how to mix and match by the era of the house (or kitchen addition):

#### COLONIAL-1850

Keep it quiet. Choose appliances with muted colors and simple trim. Whenever practical, slip them out of sight. Disguise the refrigerator with paneling based on period doors in the kitchen or elsewhere in the house. Since hiding the range is impractical, place it front and center: choose one that bears a resemblance to the big black ranges first introduced in the mid-19th century. Chances are something like it once sat in your kitchen.

#### 1850-1900

Victorian-era kitchens may be a little more flamboyant. Go for a large dark stove with nickel or chrome embellishment. If you can afford it, clad the fridge in one of those quarter-sawn oak icebox trim kits, complete with period hardware. You may still want to hide the dishwasher out of sight behind a cabinet panel, and conceal countertop appliances in the pantry.



### THE ART OF CONCEALMENT

Can't stand the thought of modern appliances spoiling the looks of your pristine colonial or Greek Revival kitchen? Distraught at the thought of roughing it without a dishwasher? The solution is obvious: tuck as many contemporary intrusions out of sight as possible.

Dishwashers literally disappear into the woodwork with front panels that match cabinetry. Tuck the stovetop out of sight when not in use with a primitive-painted stovetop cover. Some companies even sell kits that transform a contemporary double-sided refrigerator into a replica of a full-size icebox. Just keep in mind that a freestanding fridge clad in quarter-sawn oak is still as large as one in its original stainless-steel skin, a tip-off.

MINIMIZE THE IMPACT OF A BUILT-IN DISHWASHER BY HIDING IT BEHIND A PANEL MATCHING THE REST OF THE CABINETS.

#### 1900-1930

Style choices abound in this era, depending on the style of the house and personal taste. A restored vintage range from the 1920s or '30s in white enamel with nickel trim isn't out of the question, although a desirable one could set you back \$10,000. Dial the clock back for an icebox look, or roll it forward with a Forties-look-alike reproduction fridge.

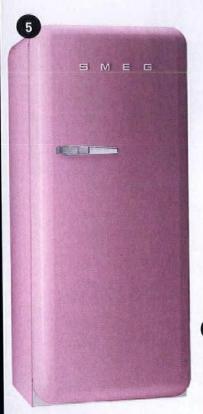
#### 1930-1960

Vintage choices run the gamut from real Monitor Top refrigerators (snap up single-width units for as little as \$400 before restoration) to ranges in a variety of storied brand names from the glory years of vintage stoves (Chambers, O'Keefe & Merritt, Wedgewood). Or get a similar look (and the option of a matching suite of appliances) with Retro-style appliances from a choice of manufacturers, like Big Chill and GE's new Artistry collection.

FOR RESOURCES, SEE PAGE 72.

# Kitchen Candy

What's not to love about these appliances in every color under the sun, and then some? Use one periodinspired accent appliance amidst white or stainless, or order a full matching suite.







- 1. The ice compartment's on the bottom in Northstar's mint green 1950 model. 2. Big Chill's dishwasher in beach blue.
- 3. Elmira Stove Works' all-gas range in liberty blue with nickel accents. 4. The cast-iron AGA Total Control cooker in pistachio, one of 12 colors. 5. Like Mamie Eisenhower pink? Order this pink fridge from SMEG. 6. The Cormatin from Lacanche in Provence yellow with nickel trim.







### SMALL APPLIANCES GO RETRO

From microwave ovens to mini fridges, apparently there is no end in sight for the Retro trend in small appliances. They're ideal for pantries as well as dorm rooms, apartments, and cabins.





FROM LEFT: Elmira Stove Works' 1946 wine cellar panel is designed to fit a 46-bottle wine fridge. Vent-a-Hood's Classic retro-style vent hood in turquoise blue. Dishmaster Faucet's Imperial Four push-button hand-wash dishwasher has been available since 1948. Microwaves date to the late Sixties, but that hasn't stopped Nostalgic Electric from issuing a Streamline version in powder blue. Big Chill's mini fridge in orange.







MAKE SURE YOUR VINTAGE FRIDGE KEEPS A STEADY TEMP WITH AN INEXPENSIVE REFRIGERATOR GAUGE.

#### CODE COMPLIANCE

If you've inherited a period appliance that seems to be in working condition, make sure it's safe to use. For ranges, check working parts like flash tubes and oven pilot assemblies for rust, pinholes, or loose connections. Clean all accessible areas inside and out. For refrigerators, make sure the gasket seals tightly and check for any coolant leaks.

Then have an experienced appliance professional or your fuel or electric company inspect it to make sure it complies with modern safety codes.

If your appliance needs a complete retrofit (or if you want a certain brand or style), dozens of companies recondition old appliances (see Resources on p. 72). For a range, reconditioning means taking it apart, cleaning, inspecting, and reassembling or replacing working parts like gas valves, thermostats, and oven pilot assemblies. Pilot lights and thermostats are calibrated to meet modern codes. The range can be converted from one fuel to another (coal to gas, or gas to electric, for example). The interior gets new insulation and gaskets.

For refrigerators, compressors, condenser coils, thermostats, and other working parts are inspected and either overhauled or replaced. (New refrigeration systems typically use environmentally friendly refrigerants.) A good dealer will also fit the fridge with a custom-made gasket, and if necessary, a new door liner.

**BELOW:** THE NICKEL-TRIMMED OAKLAND QUEEN FROM GOOD TIME STOVE BURNS BOTH COAL AND WOOD, BUT CAN BE SAFELY RETROFITTED FOR GAS OR ELECTRIC AND IS FULLY INSULATED FOR ZERO-CLEARANCE AND VENT-FREE INSTALLATION.



# Fiddly Bits

Vintage appliances are prized for their quirky good looks and fun and ingenious features that new appliances can't match. A lot of their sparkle comes from small embellishments such as chrome and enamel knobs, handles, emblems, and nameplates.







Much of the charm in GE's Artistry series comes from the use of Streamline styling in details like fridge handles, a range clock, and of course, the GE emblem.



The control panel on an Elmira range is normally concealed by a folddown panel.





Complete an icebox-style makeover with fridge hinges from Wilmette Hardware (right) or Roseland Icebox Company, and a latch from Hinge Vintage Hardware.





More Online

Learn more about how to choose an Arts & Crafts rug at bit.ly/acrugs.

# The Craftsman / 1905

Artful touches abound in a dining room from an early issue of Gustav Stickley's magazine.



Backsplashes aren't just for kitchens—a mosaic tile treatment above this built-in buffet adds an unexpected layer of decoration to the room. Stickley sometimes used nailhead trim as a decorative accent on his furniture, a look that's ubiquitous today. Mix-N-Match Parson's Chair, \$270, riverside-furniture.com



The geometric treatment of natural forms—such as pine trees or flowers—was (and still is) a popular motif for Arts & Crafts artisans.
Craftsman Tulip window,
\$1,200, theodoreellison.com

Botanical patterns come into play again on the rug; this modern reproduction features starshaped stephanotis flowers in typical Arts & Crafts earth tones. Stephanotis Flower rug, from \$980, persian carpet.com









**APPLY NOW** 

saic.edu/gradapp

**GRADUATE ADMISSIONS** 

800.232.7242 | 312.629.6100 gradmiss@saic.edu



▼Circle 025 on Free Information Card

### Handcrafted Copper Lanterns & Outdoor Lighting Made In USA





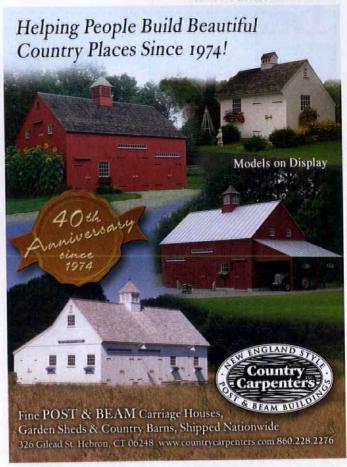




\* Free Shipping \* Easy Online Ordering \* Custom Options \*



Lanternland 737 W. 2nd Ave Suite 100 Mesa, AZ 85210 www.lanternland.com 855 454 5200 info@lanternland.com



▼Circle 014 on Free Information Card







Find new purpose in these useful and decorative items that flash back to the homey kitchens of the 1930s, '40s, and '50s.

#### 1. BACK TO SCHOOL

A staple of early 20th-century kitchens, schoolhouse pendantsnow lit by energy-conserving LEDsare equally at home clustered over an island or solo over the sink. From \$138. Elk Lighting, (800) 613-3261, elklighting.com

#### 2. NEW OLD STOCK

Give a 1940s or '50s kitchen an authentic makeover with unused vintage wallpaper in a choice of patterns, from florals and fruit to plaids and geometrics. \$120 per double roll (covers 55 square feet). Hannah's Treasures Vintage Wallpaper, (866) 755-3173. hannahstreasures.com

#### 3. TAKE THE CAKE

Inspired by originals from the 1930s. these pressed-glass cake stands come in sizes from 6" to 12" in five colors, including period favorite Jadeite. From \$28. Mosser Glass. (866) 439-1827, mosserglass.com

#### 4. TOAST YOURSELF

Brown your bread each morning with this Streamline-influenced two-slice toaster from an Italian appliance maker; in red, white, black, cream, chrome, or pastels. \$139.95. SMEG USA, (212) 265-5378, smegusa.com

#### 5. NEXT HEX

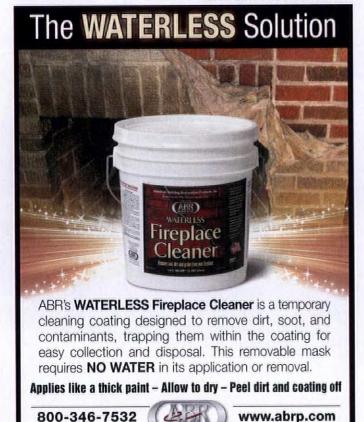
Outfit your prewar cabinets with colorful 11/2" molded glass hex knobs. The 10-color palette includes two shades of milk glass, a 1930s favorite. \$7 each. Hinge Vintage Hardware, (407) 401-9112, hingevintagehardware.com



Get more inspiration for your retro kitchen at pinterest.com/oldhouseonline.



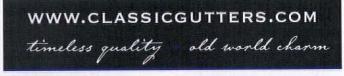
▼Circle 004 on Free Information Card



American Building Restoration Products, Inc.



▼Circle 010 on Free Information Card







90" SECTIONS
HALF ROUND
5", 6" & 8"
K-STYLE

5" & 6"





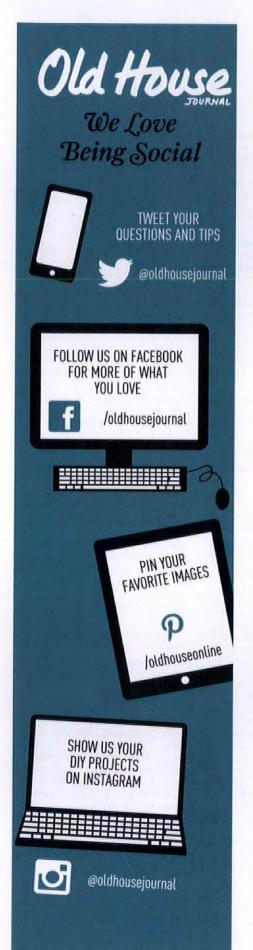


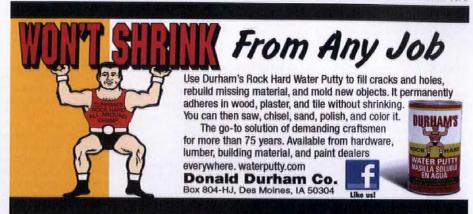
# BLOCK-PRINTED WALLPAPER

Block printing is the oldest and most expensive method of producing wallpaper. Designs are carved into heavy wooden blocks (a different block for each color in the pattern), which are inked with special paint and laboriously pressed onto hand-painted ground paper. The process produces a work of art, with texture and intensity and a hand-made quality that can't be replicated by silk-screening and certainly not by machine printing.

The only commercial U.S. producer of hand-blocked wallpaper patterns is Adelphi Paper Hangings. Several museums and artisans do limited printing. English makers include Sanderson, which owns the original blocks from Morris & Co.; Zuber et Cie remains the preeminent French maker. Clients include museums, designers, and discerning homeowners. Pagodas (English, ca. 1763) is a chinoiserie design that hung in the 1768 Jeremiah Lee Mansion, Marblehead, Mass. Shown in its original colorway of pink, white, and black on a grey ground, as reproduced by Adelphi Paper Hangings, adelphipaperhangings.com



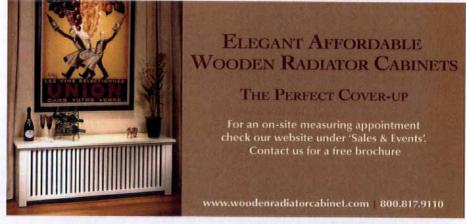




▼Circle 005 on Free Information Card



▼Circle 058 on Free Information Card



▼Circle 041 on Free Information Card



**BARN AGAIN CARPENTER Ken Schuebel** Construction Hellertown, PA (215) 837-3138 Mason Schroeder Masonry, Inc., East Greenville, PA (215) 852-9521 **LANDSCAPE DESIGNER Jerry Fritz** Garden Design Ottsville, PA jerryfritzgardendesign.com RECLAIMED WOOD JC Woodworking Perkasie, PA oldreclaimedwood.com LIGHTING Robert Newell Lighting Design Westfield, NJ robertnewell lightingdesign.com PAINTS Benjamin Moore benjaminmoore .com window trim 'Richmond Bisque', outhouse walls 'Everlasting

p. 10 STAR WINDOW Don Hector Art Glass Frenchtown, NJ lambertvilleglass.com BATH FIXTURES, HARDWARE Van Dyke's Restorers vandykes.com BATHTUB Signature Hardware signaturehardware.com RAG RUG Stroud Braided Rugs stroudbraidedrugs.com

p. 11 WINE BARREL CHANDELIERS
Peter's Garden Coopersburg, PA
petersgarden.com LADDERBACK
CHAIRS, CLOCK, CHEST Wayfair.com

p. 12 KITCHEN CABINETS Laslo Kitchen Cabinets Easton, PA laslokitchens.com KITCHEN STOOLS restorationhardware .com HARDWARE Wayne Rickert, Architectural Antiques Perkasie, PA oldhomeparts.com COPPER SINK nativetrails.com LARGE **CLOCKS AND ANTIQUES David Teague at America Antiques** Lambertville, NJ americadesigns .com LR UPHOLSTERED FURNITURE Raymour & Flanigan raymour flanigan.com COFFEE TABLE Left Bank Home Frenchtown, NJ leftbankhome.net

p. 13 ANTIQUE SLEIGH
Hummingbird Hill Antiques
Bucks County, PA hummingbird
hillantiques.com IRON BED humble
abode.com QUILTS, SHAMS Bon
Ton Quakertown, PA bonton.com

Related Resources
Crown Point Cabinetry crownpoint.com custom wood cabinetry
including early period styles
and milk-paint finishes Acorn
Manufacturing acornmfg.com,
hand-forged iron hardware, strap
hinges, etc. Historic Housefitters
historichousefitters.com iron
hardware, fireplace tools Seven
Pines Forge sevenpinesforge.com
wrought iron hinges, latches
and hardware

**AUTHENTIC KITCHEN** RESTORATION CONSULTANT Karla Pearlstein, Restoring History restoringhistory.com DESIGNER Matthew Roman Design romandesign.com RESTORATION CARPENTRY Mike Edeen, Artisan Woodworks artisanpdx com PLUMBING RESTORATION Walter K. Parker II, Old School Plumbing oldplumbfixer.com **ANTIQUE LIGHTING Allen's** Antique Lighting antiquelight .com HARDWARE Old Portland Hardware oldportlandhardware .com Hippo Hardware & Trading Co. hippohardware.com

p. 22 HAND-BLOWN GLASS Cline Glass clineglasscompany.com

p. 24 STOVE RESTORTION Erickson's Antique Stoves ericksonsantiquestoves.com

p. 26 TILE FLOOR, BATHROOM Sorin Ghiea Tile & Stone (503) 706-1181 facebook.com/soringhiea STONE WALLS, BATHROOM Conrad Stonecutter conradstonecutter.com

**Related Resources** 

Bendheim bendheim.com specialty glass for cabinet doors and restoration Good Time Stove antiquestoves.net antique and refurbished stoves PW Vintage Lighting pwvintagelighting.com antique and reproduction light fixtures Victorian Lighting Works vlworks.com reproduction gaslight sconces & pendants William J. Rigby Co. wmjrigby.com antique, unused hardware from American manufacturers

**DOORS INSIDE & OUT** SELECTED DOOR MANUFACTURERS Arch Angle Windows & Doors archangleohio.com Custom aluminum storm doors in period styles Belisle Ancestral Doors & Windows belislewindows.com doors in custom and European designs Hahn's Woodworking Co. hahnswoodworking.com custom doors HeartWood Fine Windows and Doors heartwoodwindowsanddoors.com period styles Simpson Door simpsondoor.com traditional doors, with and without glazing Therma-Tru thermatru.com traditional styles with sidelights, transoms Yarrow Sash & Door Co. yarrow .mb.ca solid wood stile & rail

CUSTOM & HISTORICAL REPRODUCTION Adams Architectural Products adamsarch.com historically accurate windows, doors, storm/ screens Architectural Components architectural componentsinc.com reproduction, custom wood doors, entries Christies Wood & Glass entryways.com custom doors with carved details and art glass options Coppa Woodworking coppawoodworking.com custom wood screen doors Coyle Lumber & Millwork coylelumber.com bench-made windows, doors, trim Historic Doors historicdoors.com custom doors from historic designs Kingsland Company kingslandcompany.us periodstyle doors, entries, trim Maurer & Shepherd Joyners msjoyners .com custom 18th-century doors, windows, millwork Period Door Company theperioddoor company.com custom period doors, including batten styles **Touchstone Woodworks** touchstonewoodworks.com mahogany screen, storm doors & porch panels Woodstone woodstone.com custom mortiseand-tenon wood windows, doors, trim Vintage Doors vintagedoors .com interior, exterior, storm/ screen in period configurations

## APPLIANCES FRONT & CENTER NEW APPLIANCES

AGA Marvel agamarvel.com Euro-style radiant cookers; Heartland ranges, refrigerators, cooktops Big Chill bigchill.com Retro-look refrigerators, ranges, hoods, dishwashers in vivid colors Dishmaster dishmasterfaucet .com Forties-style dishwashing faucet Elmira Stove Works elmirastoveworks.com Retro-look state-of-the-art ranges, cooktops, refrigerators GE geappliances .com Artistry Retro line Heartland Appliances heartlandapp.com Retro and contemporary designs Lacanche frenchranges.com fully customizable gourmet cookstoves from France Lehman's lehmans .com wood-burning cookstoves, including Heartland products Northland Kitchen Appliance northlandnka.com customizable refrigerators, freezers, wine storage Nostalgia Electrics nostalgiaelectrics.com Retro mini fridges, microwaves Rangecraft (877) RCHOODS, rangecraft .com made-to-order range hoods in copper, brass, stainless steel Roseland Icebox Co. iceboxes.com built-in refrigerators, freezers, wine storage SMEG smegusa.com Retro large and small appliances Vent-A-Hood (800) 331-2492, ventahood .com traditional, Retro and custom range hoods

#### VINTAGE APPLIANCES AND RESTORATION

ARIZONA

Vintage Appliances and Restoration (520) 326-6849, antiquevintageappliances.com

CALIFORNIA

Antique Gas Stoves
[909] 484-2222, antiquegasstoves
.com Antique Stove Heaven
[323] 298-5581, antiquestove
heaven.com Carolinas Antique
Appliances [323] 780-2810,
carolinasantiqueappliances.com
Dream Stoves [209] 7544100, dreamstoves.com Old
Appliance Club [805] 643-3532,
theoldapplianceclub.net source
for parts Savon Appliance [818]
843-4840, savonappliance.com
refinishing

GEORGIA

Antique Appliances (706) 782-3132,antiqueappliances.com

MASSACHUSETTS
Erickson's Antique Stoves (978)
857-8014, ericksonsantiquestoves
.com Good Time Stove Co. [413]

MICHIGAN

Antique Stoves (517) 767-3606, antiquestoves.com

268-3677, antiquestoves.net

NEW YORK

VERMONT

Belgrove Appliance (914) 664-5231, belgroveappliance.com

Antique Stove Hospital (401) 635-4896, stovehospital.com

TEXAS
Antique Stove Restoration

Antique Stove Restoration of Dallas (972) 525-0537, appliancerepairs-dallas.tx-biz.com

Sarah's Antique Stoves (802) 922-6676, sarahsantiquestoves.com

BRITISH COLUMBIA Canadian Antique Stoves (250) 353-9648, canadian-antiquestoves.com

## REPRODUCTION APPLIANCE HARDWARE

Crown City Hardware
restoration.com Hinge Vintage
Hardware hingevintagehardware
.com Historic Houseparts
historichouseparts.com House of
Antique Hardware hoah.biz
Icebox Hardware iceboxhinges
.com Notting Hill Decorative
Hardware nottinghill-usa.com
appliance pulls Van Dyke's
Restorers vandykes.com



# Free Information Guide

For FREE information on old-house products and services, mail in or fax the attached card, or visit www.oldhousejournal.com/lit Simply check a category on the attached card to receive free information on all the products in that category, or circle the corresponding Circle No. below for each advertiser that interests you.

Acorn Mfg.

Pages 58, 74 | Circle No. 001

Alameda Shade Shop

Pages 55 | Circle No. 002

Allied Window

Pages 17, 75 | Circle No. 003

**American Building Restoration** 

Pages 69, 75 | Circle No. 004

Americana

Pages 51, 75 | Circle No. 015

**American International Tools** 

Page 71 | Circle No. 005

Ann Wallace

Page 31 | Circle No. 006

Arch Angle Windows & Doors

Page 74 | Circle No. 007

Architectural Components Inc.

Page 74

Bendheim

Pages 5, 74 | Circle No. 038

**Bradbury & Bradbury** 

Pages 29, 75

**Bucks County Soapstone** 

Pages 2, 75

Charles P. Rogers

Page 29

Chelsea Decorative

Pages 69, 75 | Circle No. 008

Christie's Wood

Page 74 | Circle No. 009

Classic Gutter System

Page 69 | Circle No. 010

The Color People

Page 75 | Circle No. 047

ConServ Epoxy

Page 76 | Circle No. 011

Coppa Woodworking

Pages 27, 74 | Circle No. 012

Crown City Hardware

Pages 67, 74 | Circle No. 014

**Crown Point Cabinetry** 

Pages Back Cover, 76

Donald Durham Company Page 71 | Circle No. 016

Country Carpenters

Page 67 | Circle No. 013

Elmira Stove Works

Page 17

**Ephraim Faience Pottery** 

Pages 57, 76

Frank Lloyd Wright

Page 57 | Circle No. 017

Franmar Chemical

Pages 76, Inside Back Cover Circle No. 018

Garbers Crafted Lighting

Page 76 | Circle No. 019

Good Time Stove Co.

Pages 58, 76 | Circle No. 020

**Granville Manufacturing** 

Page 76 | Circle No. 021

Harbor Freight Tools

Harbor Freight Tools

Page 15 | Circle No. 022

Heritage Tile

Pages 57, 76 | Circle No. 045

**Historic Housefitters** 

Page 77

The Homestead Partners

Page 75 | Circle No. 039

**Howard Products** 

Pages 53, 77 | Circle No. 023

**Innerglass Window** 

Pages 55, 77 | Circle No. 024

Lanternland

Pages 67, 77 | Circle No. 025

Lemont Hardware

Page 77 | Circle No. 026

M. Teixeira Soapstone

Pages 51, 75 | Circle No. 027

Mason & Wolf Wall

Page 77 | Circle No. 028

**Metal Ceiling Express** 

Page 55 | Circle No. 059

**Monarch Radiator Covers** 

Page 55 | Circle No. 029

Old Fashioned Milk

Page 31 | Circle No. 030

Old House Guy

Page 77 | Circle No. 031

Osborne Wood Products

Pages 29, 35, 77 | Circle No. 032

The Persian Carpet

Page 6 | Circle No. 034

**Preservation Products Inc.** 

Pages 31 | Circle No. 035

ProWood Market Page 78 | Circle No. 036

PW Vintage Lighting

PW Vintage Lighting

Page 55 | Circle No. 033

The Reggio Register Co.

Pages 69, 78 | Circle No. 037

School of the Art Institute of Chicago

D--- /7

Page 67

Seven Pines Forge

Page 29

**Sheldon Slate Products** 

Pages 31, 78 | Circle No. 040

Shuttercraft

Page 71 | Circle No. 041

Specification Chem

Page 51 | Circle No. 042

Stickley

Pages 78, Inside Front Cover

Stockyards Brick

Page 78 | Circle No. 043

age 70 | Circle 110. c

Stoltzfus Enterprizes
Pages 1, 77 | Circle No. 044

Sundial Wire

Page 51 | Circle No. 046

Timberlane, Inc.

Pages 35, 78 | Circle No. 048

**Trustworth Studios** 

Page 53 | Circle No. 049

Unico, Inc.

Pages 27, 78 | Circle No. 050

Vermont Soapstone

Pages 25, 78 | Circle No. 051

Vermont Verde

Pages 35, 78 | Circle No. 52

Victorian Lighting

Page 35 | Circle No. 053

Vintage Doors, LLC

Page 57, 74 | Circle No. 054

W. F. Norman Corporation

Pages 58, 79 | Circle No. 055

Ward Clapboard Mill

Page 79 | Circle No. 056

West System

Pages 25, 76

Western Spindle

Page 53 | Circle No. 057

WM. J. Rigby Co.

Page 74

Wooden Radiator

Cabinet Company Pages 71, 79 | Circle No. 058



OLD HOUSE JOURNAL ARTS & CRAFTS HOMES
NEW OLD HOUSE
EARLY HOMES
DESIGN CENTER SOURCEBOOK
PERIOD HOMES
TRADITIONAL BUILDING

OLDHOUSEONLINE.COM

LOG HOME LIVING
TIMBER HOME LIVING
COUNTRY'S BEST CABINS
DREAM HOME SHOWCASE
CUSTOM WOOD HOME PLANNER
CUSTOM WOOD HOME STYLE GUIDE
MYWOODHOME.COM

## ADVERTISING INQUIRIES ACCOUNT EXECUTIVES ACCOUNT EXECUTIVES

Becky Bernie (978) 879-4045 bbernie@aimmedia.com

Carol Murray (978) 879-4361 cmurray@aimmedia.com Julia Hite (978) 729-4321 jhite@aimmedia.com

# DOOR SHOWCASE



#### Antique Builders' Hardware

WM. J. Rigby CO. specialize in unused builders' hardware from the original 19th- and 20th-century American manufacturers. The hardware is all original, no reproductions. Most of it unused, cleaned, researched, and ready to go. See their extensive inventory online.

www.wmjrigby.com



#### Architectural Components Inc.

Photo is of the Henry David Thoreau birthplace, a museum in Concord, Massachusetts. Architectural Components built reproduction sash, plank frame windows and the doorway. Details and proportions were deciphered from old photos and research by historic preservation architect Larry Sorli.

413-367-9441; www.architecturalcomponentsinc.com



#### Arch Angle Windows & Doors

A manufacturer of high end specialty shape storm windows and doors. Arch Angle all aluminum storm products are individually hand crafted to complement the historic requirements or distinctive architecture of the homes, churches and commercial buildings they protect. 800-548-0214; www.archangleohio.com

Circle 007 on Free Information Card



#### Bendheim Crown Bullion (Bullseye) Glass

This precious mouth-blown glass features the characteristic subtle concentric rings and bullseye center of authentic crown glass. Available for purchase online. 800-221-7379, Opt. 3; www.restorationglass.com Circle 038 on Free Information Card



#### Christie's Wood and Glass

Custom entryways of unparalleled craftsmanship for over 36 years. Please visit our comprehensive web site featuring hundreds of custom entryways, complete descriptions, references, and pricing. 877-371-8894; www.entryways.com Circle 009 on Free Information Card



#### 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

Circle 012 on Free Information Card



#### **Crown City Hardware**

We've added new traditional design knob and escutcheon sets to our collection. Affordable, high quality sets that are a fantastic value. www.restoration.com

Circle 014 on Free Information Card



#### **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 Circle 001 on Free Information Card



#### **Vintage Doors**

Handcrafted solid wood doors that are made-toorder and built to last. Full line of screen/storm doors, porch panels, exterior and interior doors, Dutch, French, louver and more. Make your home stand out from the rest! 800-787-2001; www.vintagedoors.com

Circle 054 on Free Information Card



#### Allied Window, Inc.

The Culbertson Mansion cried out for custom Invisible Storm Windows®-with bent glass for the Queen Anne turret windows. Allied Window answered the call. Interior or exterior applications, custom colors, special shapes, and special glazing are all routine. Our abilities meet the needs of the professional in the field or the homeowner-for the conventional to the extraordinary.

800-445-5411; www.invisiblestorms.com

Circle 003 on Free Information Card



#### 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

Circle 004 on Free Information Card



#### Americana

Americana offers the entire DeVenco line of handcrafted, high quality custom manufactured window coverings including: authentic Colonial Wooden blinds, interior shutters in four designs: solid Raised Panels, Plantation, Victorian, and Caribbean movable louver shutters. Old-fashioned roll up Basswood Porch shades. Exterior shutters in three designs: Raised Panel, Movable and Fixed louvers. 800-269-5697; www.shutterblinds.com

Circle 015 on Free Information Card



#### Bradbury & Bradbury Art Wallpapers

Our B.J. Talbert wallpaper collection features leafy vinework and flowers, in their original Aesthetic Movement palette of sage, soft blue, cream, russet and shimmering gold. Samples available online. 707-746-1900; www.bradbury.com



#### **Bucks County Soapstone**

Soapstone is a simple contributor to its environment never dominating the scene. This slant front hand-built sink is accessorized with our recessed and runnels combination drainboard. 215-249-8181; www.BCSoapstone.com



#### California houses, sized for Rhode Island.

The California Collection, six brilliant styles, 1920s through 70s, each the perfect size for one, or maybe two if you really love each other. www.TheHomesteadPartners.com

Circle 039 on Free Information Card



#### Chelsea Decorative Metal Co.

Pressed tin for backsplashes, walls and ceilings. Art deco to Victorian styles that come in 3", 6", 12" and 24" repeat patterns.

New copper and hand painted finishes available.

713-721-9200; www.tinman.com
Circle 008 on Free Information Card



#### The Color People

EVERYONE DREAMS IN COLOR For 30 years we have been making people's dreams come true all over America with our famous mail order service. We create color schemes for every style and era of buildings, residential and commercial.

303-308-0220; www.colorpeople.com

Circle 047 on Free Information Card



#### ConServ Epoxy LLC

W300 Flexible Epoxy Patch
A 1:1 epoxy paste for wood that spreads smooth, and is flexible yet firm enough to recreate damaged trim and framing. Easily tooled and sanded, takes fasteners, paint, and solid stain. More products at www.conservepoxy.com
203-484-4123

Circle 011 on Free Information Card



#### **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



#### **Ephraim Faience Pottery**

Creating heirloom-quality art pottery, art tiles, and quarter-sawn oak frames by hand, with care, one at a time. Shop by phone, online, or at our galleries in Wisconsin and California. 888-704-POTS (7687); www.ephraimpottery.com



#### Franmar Chemical

Imagine stripping the finish off of the kitchen cupboards while the family is eating in the same room. No problem with the all-natural Soy-Gel®,

the paint and urethane remover made from soybeans. No odor, environmentally safe, and can remove multiple layers with only one application. 800-538-5069; www.franmar.com

Circle 018 on Free Information Card



#### **Garbers Crafted Lighting**

Country/Primitive Ceiling Fans Tinware, chandeliers, sconces, flush mounts, kitchen island, and lots more to make your country home complete. Direct from crafter. Dept OHJ 5/14 866-856-2317;

www.garbers-craftedlighting.com Circle 019 on Free Information Card



#### **G Flex**

A toughened 2-part epoxy for permanently bonding woods, plastics, fiberglass, ceramics and metals. Stiffer than sealants and more flexible than standard epoxies. Withstands expansion, contraction, shock and vibration. 1:1 ratio. westsystem.com



#### Vintage Kitchen Stoves

Established in 1973

We restore and convert antique stoves, gas, electric or a combination. No reproductions but original historic American treasures adapted to meet today's modern cooking and baking conveniences. Customized Conversion to meet the most demanding cooking needs. 413-268-3677, GoodTimeStove.com

Circle 020 on Free Information Card



#### Granville Manufacturing Co.

Suppliers of specialty wood products and exterior siding, roofing, and trim packages. Also interior trim and flooring. 802-767-4747; www.woodsiding.com Circle 021 on Free Information Card



#### Heritage Tile

Heritage Tile is dedicated to preserving our uniquely American tile heritage with our collection of historically authentic subway tile, trim, mouldings, ceramic accessories and made-to-order mosaics. 888-387-3280; www.heritagetile.com

Circle 045 on Free Information Card



#### Historic Housefitters Co.

Handmade 18th century period lighting in black copper, copper, brass or tin. Handforged reproduction iron floor lamps, kitchen racks, thumblatches, mortise locks, strap and HL hinges and much more. All made by American craftsmen. 800-247-4111; www.historichousefitters.com



#### **Howard Products**

Restor-A-Finish (available in eight finish colors)
permanently revives and restores the original
color and luster of a wood finish in one step,
without removing any of the existing finish. Most
wood finishes can be restored in a few minutes
with this wipe-on, wipe-off process.
800-266-9545; www.howardproducts.com
Circle 023 on Free Information Card



#### 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

Circle 024 on Free Information Card



#### Lanternland Copper Lanterns & Outdoor Lighting

Handcrafted copper lanterns and outdoor lighting made in USA. Easy online ordering with clear up-front pricing, free shipping, choice of finishes and glass and lifetime warranty.

Custom orders welcome.

855-454-5200; www.lanternland.com

Circle 025 on Free Information Card



#### Le Mont Hardware

Le Mont Hardware is a line of bespoke door and cabinet hardware, designed by a European, with a penchant for fine interpretations of classic designs. Available from quality hardware dealers.

www.LeMontHardware.com
Circle 026 on Free Information Card



#### M. Teixeira Soapstone - Buy Direct and Save

M. Teixeira Soapstone is an importer of soapstone slabs and products. Soapstone countertops, sinks, floor and wall tile, do-it-yourself countertops, fireplaces and wood stoves.

We ship nationwide.

877-478-8170; www.soapstones.com



#### Mason & Wolf

Hand-printed historic wallpapers, including coordinated borders, ornaments, and ceiling papers. Victorian, Arts & Crafts, and custom reproduction in period colors.

Ideal for home restorations. They can help you create a custom room design.

732-866-4264; mason-wolf.com
Circle 028 on Free Information Card



#### New Old Homes at Olde Bulltown

Live in a unique settlement of new custom 18th century period homes built by Stoltzfus Enterprises in Chester County, PA. Visit our decorated model home this weekend! 610-533-8938; www.oldebulltown.com

Circle 044 on Free Information Card



#### **Old House Guy Virtual Design Services**

Virtual restorations, makeovers, and paint colors by e-mail. See a photo of your completed project to show your builder, to ensure you get what you want. Visit us online to learn more. www.OldHouseGuy.com



#### Osborne Wood Products

Whether building from scratch or restoring a new table, Osborne Wood Products offers high quality table slides for your extension table needs.

Make room for the whole family!

866-963-5602 www.dininglegs.com

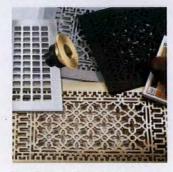
Circle 032 on Free Information Card

# 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
Circle 036 on Free Information Card



#### The Reggio Register Company

Attractive, heirloom quality, cast iron, brass, aluminum and steel grilles. Historic and contemporary designs for forced air and high velocity systems available in a huge selection of sizes and materials.

800-880-3090; www.reggioregister.com
Circle 037 on Free Information Card



#### **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; www.sheldonslate.com
Circle 040 on Free Information Card



#### Stickley

Stickley's 2015 Collector Edition is the Gus Woven Leather Bench, featuring a blend of rich leather, nail-head trim and pinned tenon construction. Available in solid quartersawn white oak or solid cherry, this bench will only be built in 2015. Sale price \$999. Visit Stickley.com.



#### Stockyards Brick

Stockyards Brick specializes in reclaimed architectural elements from the heart of the industrial and manufacturing districts of Chicago.

Old growth timber, antique granite cobblestone, Chicago common brick, vintage street pavers.

872-444-5440; www.stockyardsbrick.com

Circle 043 on Free Information Card



#### Timberlane, Inc.

Quality is what makes Timberlane
the choice of architects, decorators, contractors,
builders, renovators, and homeowners. Timberlane offers a near infinite number of options for
standard shutters as well as fully custom solutions, and the largest collection of hand-forged,
period-perfect shutter hardware available.
800-250-2221; www.timberlane.com

Circle 048 on Free Information Card



#### Unico Inc.

By utilizing The Unico System heating and air conditioning system in your renovation project, you'll get the benefit of energy efficiency with our new iSeries equipment air handler, yet not have to compromise space or the historic integrity of the home because of our small ductwork and color matched outlets. 800-527-0896; www.unicosystem.com



#### **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 Circle 051 on Free Information Card



#### **Vermont Verde Antique**

Quarried in Vermont. The world's finest serpentine stone is acid and stain resistant, hard, durable, and low maintenance. An excellent choice for countertops, shower enclosures, fireplace surrounds, and floors.

802-767-4421; www.vtverde.com

Circle 052 on Free Information Card

### **ADVERTISEMENT**



#### 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
Circle 055 on Free Information Card



#### 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; wardclapboard.com

Circle 056 on Free Information Card



#### Wooden Radiator Cabinet Company The Perfect Cover-Up!

The Wooden Radiator Cabinet Company provides the finest custom-built cabinets in the country, turning eyesores into elegant and functional furniture. We offer durable, elegant and affordable radiator and baseboard covers, PTAC, fan coil covers and bookcases from classic to contemporary. Just push them in place for an elegant cabinet or window seat. 800-817-9110: woodenradiatorcabinet.com

Circle 058 on Free Information Card



Sell your period-authentic products direct to our readers.

# REXBUL

## Sign up for a Storefront

on REX and add your products to a growing selection of unique and period-authentic products at the best prices found anywhere online.

## For more information, please contact:

## **Robin Habberley**

REX Sales Director (703) 831-6588 rhabberley@rexbilt.com

#### Julia Hite

REX Sales Executive (978) 729-4321 jhite@rexbilt.com

#### Peter H. Miller

VP General Manager, Home Group (202) 339-0744, Ext. 104 pmiller@aimmedia.com

www.rexbilt.com

# Remuddling

# 66 Her Majesty the Queen Anne is most definitely not pleased. >>

- Amy Russell Price

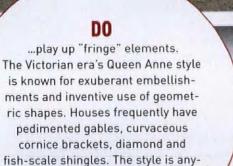


DO

thing but an unadorned and badly constructed rectangular box!

#### A SHANTYVILLE HORROR

This asymmetrical Queen Anne tower house must be beside herself, knowing that a boxcar has parked itself just to the side of her wraparound verandah. And we hope the poor lady doesn't have eyes in the back of her head-because additional boxy excrescences (to quote the person who sent us this photo] on the rear elevation have turned this regal beauty into a royal rabbit hutch. Behind the house, a shapeless twostorey wing turns a blind eye to the street.





TWO WAYS TO WIN! If you spot a classic example of remuddling, submit it at oldhouseonline.com/remuddling. 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.

# SOY Gel

Professional Paint & Urethane Remover

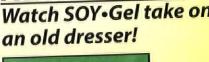
100% Biodegradable • Non-Caustic & Non-Hazardous Virtually No Odor • Made with 100% American Grown Soybeans







NEW VIDEO!
Watch SOY•Gel take on







http://bit.ly/1illB9B

Also Try Our **Amazing** Degreaser!

emerge.

CALLTODAY

800-538-5069 • www.franmar.com



Circle 018 on Free Information Card



Custom. Period. Designed. Delivered. Direct.

800-999-4994 • www.crown-point.com

CROWNDOINT

Fine Quality Custom Cabinetry Handcrafted For Your Entire Home