OUR PREVIOUS ARTICLE showed how to mix materials, con­struct a mould, and run mouldings on a bench. Now we're moving on to cornice work, the most exciting and chal­lenging of all plaster work. A lot of what's described here will be beyond the capabilities of the average home­owner, although the fundamental techniques are those we've already described. Constructing an elaborate cornice is a complicated job, but you shouldn't let that scare you away from a small-to-medium-sized project. (The hassle of finding qualified people to do the job may force you to attempt it yourself!)

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RESIDENTIAL ART DECO

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Bench Work

THE MOULD for running a cornice must be designed to run on two surfaces that form a 90-degree angle. A simple approach is to construct a backing box of two long, straight boards that are fastened edge to edge at right angles. If you're running a larger moulding, an angled piece of wood can be added to the inside corner of the box. It prevents the use of unnecessary amounts of plaster, and reduces the weight of the moulding.

Mouldings On Bench

RUNNING a section of cornice on the bench lets you shape almost any contour; even undercuts are possible, because the mould runs out at either end of the piece. After it cures, plaster has amazing strength for its weight -- you will be surprised at the size of pieces which you can make and conveniently handle.

OF COURSE, as the size of the piece increases, the amount of plaster increases -- and so does the working time needed to complete it. You may have gotten by before, using pure plaster of paris with small mouldings, but the larger pieces discussed here require a plaster/lime putty mix. (Consult the article in the Aug.-Sept. 1984 OHJ for the mixing of plaster materials.)

YOU CAN REPAIR a damaged section of cornice by forming a replacement on the bench. Simply splice it in by cutting back the existing cornice to sound material and then installing the new piece in the missing section. The area behind the cornice itself also needs to be cut back of any material that would interfere with the correct placement of the new piece. Investigate this condition before constructing the backing box for the new piece; the cornice already in the room was most likely formed in a slightly different fashion.

INSTALLING A PIECE of any size requires more than a simple "gluing" with plaster; you have to nail or screw it to the wall and ceiling. As discussed previously, this involves predrilling and careful nailing with finishing nails. Be sure that the nails find wood; wood lath, if that's the foundation material; studs or joists, if the backing is metal lath. You can't attach the new piece only to old (and potentially loose) plaster.

THE INEVITABLE GAPS between the new and old sections are then filled with plaster. Pure gypsum plaster is fine for small-to-medium-sized cracks. Trim away the excess with a "joint rod": a 1/16-in. piece of steel, about 4 in. wide, with a good straight edge that measures from a few inches to 2 ft. in length. One of the ends is cut at a 45-degree angle, so it can get into tight corners. If you're lucky, you'll get it from a masonry- or plastering-supply house; otherwise, it's easy enough to make your own from a piece of steel. Use a steel stiff enough not to bend easily in your hands. (Aluminum or sheet-metal flashing are too soft.) Be sure the edge is perfectly straight. Joint rods are also called "mitre rods," as their main use is to form mitres for cornice work.

TO USE THE JOINT ROD, hold the straight edge against the cornice and move it up and down so that the rod follows the contour and cuts away the excess plaster. A slight back-and-forth motion helps cut away the wet plaster and leaves a smooth surface.
WHENEVER APPLYING new plaster to existing material, dampen all surfaces thoroughly, either with a pump bottle or by throwing water onto the surfaces with a brush. This cuts down on the "suction" of the dry plaster and prevents the new material from drying out too fast.

SMALL, FLEXIBLE, rubber bowls are handy for mixing the small amounts of plaster used for patching and filling. Unused plaster can be left to dry in the bowl and then popped out. They're usually available from sculpture or hobby stores, but if you can't find them, you can make a reasonable substitute by slicing rubber balls in half. Small spatulas of different shapes can also come in handy (especially later, when we get to the fancy stuff). Used for sculpting clay, they're just right for mixing, filling, and shaping ornaments and odd shapes.

DON'T FEEL TEMPTED to construct a cornice for an entire room by forming it in sections on the bench. Each bench-made section of cornice can take on even slight twists or rackings in the wood of the backing box; you can't expect all the pieces to meet each other perfectly. The box-formed pieces can also be distorted if they're laid on an unsmooth surface before they've fully dried. And if you could get them perfectly straight, they wouldn't fit any unusual bends in the wall or ceiling.

**Running A Cornice In Place**

IF YOU'VE MASTERED the work discussed so far, you're ready to try the same process over head in place. This may seem like a hopeless task the first time you try it -- it certainly did my first time. However, after you get over the initial awkwardness, you may find a medium-sized cornice is well within your capabilities. More ambitious readers may even want to take on something as large and elaborate as the cornice shown in the photos, but that's definitely not a beginner's project. Instead, let's imagine something a little simpler, such as the cornice in my turn-of-the-century apartment, illustrated here.

CERTAIN FACTORS are actually in your favor with such a job. To begin with, you won't be working alone; Running a cornice in place is definitely a task for two people. Also, the basic process has only minor variations from the one that's already been explained. There are only two principal difficulties: applying and working the plaster overhead, and timing.

THE FIRST of these can be mastered fairly quickly. The plaster must be mixed to the proper consistency: stiff enough to remain where it's plopped, but also soft enough to be workable. When you've gotten that, and you have the proper set-up, the mould is run just as easily as if it were on the bench.

TIMING is somewhat harder to master, and is far more critical. One essential is good coordination between the two people on the job; one mixing and applying the material, the other running and cleaning the mould. On a large project, a rhythm should eventually be established in which there's little wasted motion -- and equally little rushing. Remember, once a batch of plaster is mixed, you must work with it on its schedule. You can't pause and reflect when you're in the middle of running a cornice moulding. With some experience, you'll be able to control the material so that your pace coincides with the pace of the plaster. Then, the only surprise you'll experience will be over how fast and comfortably the work moves.

**Mould, Lath, Base Coats**

SHOWN BELOW is a mould designed to run the cornice illustrated above. Unlike the mould described in the previous article, this one is constructed to be guided along the wall by the edge of the slipper; along the ceiling, by the top edge of the horse. Thus, for most cornices, the horse angles out toward you, beyond the outer edge of the slipper. The handle is set at a corresponding rake. Note too that this mould includes nibs (which were mentioned but not included in the earlier mould). You'll be running this mould on plaster, and the sheet-metal nibs provide a smooth surface on which the mould can slide.

TO REDUCE unnecessary plaster and weight, the lath behind the cornice should follow the final profile as closely as possible. This is usually done by blocking out between the studs of the wall and the joists above, with pieces cut to the basic contour of the cornice, leaving about 1/2 to 1 in. for lath and plaster. The lath is then nailed to these blocks, as shown above.

THE BASE COATS proceed in the same manner as flat work: a "scratch coat" to key into the lath, and a "brown coat" that serves as the base for the finished work, or "white coat" (which here is the cornice moulding). These coats are most easily made of "Strucito-lite" or one of the other ready-mixed, base-coat materials (basically a combination of gypsum plaster and lightweight aggregates). Mixing directions are given on the bag.
THE SCRATCH COAT is trowelled on with just enough pressure to form "keys," small blobs of plaster on the back of the lath. When these keys harden, they become the anchor for the rest of the coats. Don't use too much pressure during application; you'll just be pressing useless amounts of plaster through the lath. When this coat has set slightly, scratch it in a crisscross pattern to form a mechanical bond with the next coat.

THE LATH is stiffened by the scratch coat, which provides uniform suction for the brown coat. Once the scratch coat has set up, apply the brown coat over it. Form a level, smooth surface, filling in any irregularities in the scratch coat. The brown coat should be trowelled in along the curve of the cornice, leaving just enough room for 1/4 to 1/2 in. of white coat, along with any projections or beads in the final moulding.

Dots & Screeds

THE MOULDING will be run on two surfaces, wall and ceiling; in most cases, they'll correspond to the finished wall and ceiling surfaces. These new surfaces are called "screeds"; the term also refers to any surfaces about 4 to 6 in. wide, which are used to establish a level in plastering. Screeds for cornice work are formed out of the same material as the cornice itself: a high-gauge putty or white coat. ("High gauge" refers to the high amount of plaster in the mix, usually about 50:50 gypsum plaster and lime putty.)

ESTABLISH THE WALL SCREEDS FIRST. Determine the level of the finished wall in the corners of the room at a level just below the bottom of the cornice. Dots of high-gauge plaster are applied to the wall and trowelled smooth. These screeds must be absolutely straight, because they'll determine both the line of the cornice and the surface of the finish walls. Double-check corners for square; compare the level of the ceiling against a level line run around the room. (A water-level or just a length of clear plastic hose filled with water will be quite handy.) Progressing from one point to another, all the way around the room, record level marks on all the walls. (Mix a little food coloring or powdered blue chalk from a chalk-line into the water, to make the level easier to see.)

ONCE THE CORNER DOTS ARE SET, establish intermediate dots around the room, spacing them so that a straight edge can reach from one dot to the next. Form these intermediate dots by stretching a line between the corner dots and levelling to that line. For greater accuracy, hold the string off the corner dots by wedging a finish nail under it. Use the same-sized nail as a spacer gauge for intermediate dots.

WHEN ALL THE DOTS ARE ESTABLISHED, enlarge them by building up material above or below each dot and pressing a "plumb dot": a dot about 6 in. long, pressed vertically to the other dots. Use a hand level and a piece of paper over each dot to prevent the level from sticking to the plaster. Form screeds to the dots, all the way into the corners, completing a band of white-coat plaster around the room, just at the bottom of the cornice line.

MARK A LEVEL LINE onto this plaster band; use the water-level to establish levels in the corners, and then snap lines around the room with a chalk-line. Use this line for the top edge of the batten on which the mould will eventually rest; establish its height by holding the mould itself in place and marking against the bottom edge of the slipper. Hold the water-level against the mould to ensure it isn't crooked. Leave enough space between the top of the mould and the ceiling for the ceiling screed. Take particular care in the corners of the room: The lines marked on each wall must come together exactly, or it'll be impossible to form the mitres of the cornice.

TAKE GOOD, CLEAR PINE STRIPS, each about 1/2 in. thick by 1-1/2 in. wide, and nail them into the screed, keeping the top edge of the strip exactly on the line. Space the nails about 12 in. apart. Do this slowly and carefully; When the ends of the two battens meet, both in the corners and along the wall, one better not be higher than the other! Once you've checked the accuracy of the wood strip, reinforce it with blobs of high-gauge plaster over the batten and against the wall. Space them every 12 in. or so, to keep the batten from moving while the cornice is being run.

THE CEILING SCREED is formed in much the same manner as the wall screed. Establish dots around the room on the ceiling, using the water-level as the gauge. Set the mould with the slipper resting on the cornice strip that's fastened to the wall. Level it with the water-level. A vertical batten nailed against the horse at right angles to the slipper can be used as a guide for the level.

David Flaharty is seen here with the mould used to run the cornice in the Greek Revival room of New York's Metropolitan Museum of Art. That was a pretty elaborate job, as you'll see from the photos, but its basic principles are the ones explained in this article.
Once the profile begins to take shape, you can start applying more plaster directly to those areas that need it. The plaster used for blocking out needs to be retarded sufficiently, so that you can have plenty of working time. As you apply the plaster, be sure to keep it off the cornice strip and screeds, so that the mould isn't thrown off course. Examine those areas after each run and check that they're clean. Also make sure that the mould is kept clean of accumulating plaster.

Once the cornice is about 80% formed, you can begin "stuffing" (applying plaster directly to the mould). Use either a trowel or a rubber glove. Push the plaster up against the front edge of the knife while the mould is being run; this will fill out the gaps in the profile and form the fine details of the cornice. To ensure enough working time, mix a fresh batch of plaster for stuffing. If you are running a long section, you'd do well to set aside half of one batch unmixed.

The mould will run the cornice up to within a few inches of the corners, but because of its construction it won't complete the corner of the room. The remaining space must be filled in using a joint rod. Therefore, be sure that plaster doesn't build up in the corners beyond the profile of the cornice; any material that does will have to be chopped away.

As the cornice nears completion, touch up any small pocks and voids in the surface with a slightly looser mix. The plaster will swell as it sets, so keep running the mould over the cornice every minute or so, even if you aren't adding more plaster. If you wait too long between runs, the cornice could enlarge beyond the profile of the mould.

Give the cornice its final "polishing" by applying water ahead of the mould with a large board. Your scaffolding should be at a comfortable height, located so the cornice can be transferred easily up to the cornice. A standard plasterer's trowel, shown here, are used to handle the plaster once it's mixed.
brush. The action of the knife and the water on the curing plaster should create a smooth, shiny appearance.

YOU SHOULD NOW have completed your first section of cornice. Don't feel bad if your first attempt isn't perfect -- small gaps in the surface can be filled in and trowelled off later.

**Making the Mitres**

AFTER THE CORNICE has been run around all the walls of the room, you have to use a joint rod to complete the corners, or mitres, of the cornice. The rod must cover the size of the mitre, which is the distance it must span. It must be six inches greater than that length, to ensure a bearing on the cornice which can guide you in projecting the members of the cornice into the corner.

THE PLASTER FOR THE CORNER should be mixed in the same proportions as the rest of the cornice. Fill in the mitre area, roughly blocking it out with a trowel. Bear part of the joint rod's surface against the completed cornice; complete the mitre by running it over this surface with a slight back-and-forth motion. This procedure requires a good deal of control to get good results. The straight edge of the rod must bear completely against the surface of the cornice at all times -- but don't use too much pressure, especially when you have fresh plaster forming the corner.

KEEP ALTERRNATING from one side of the mitre to the other, to ensure that the profiles line up and to create a sharp corner. Be careful when working from one side with the joint rod that you don't damage the adjacent section. Once the mitre has begun to take shape, use the joint rod to remove any high spots. With a smaller margin trowel, daub additional material onto any areas requiring more plaster. Fill small voids in the profile by brushing on a mix of loose plaster. (This avoids damaging the newly shaped sections with a trowel.) Carefully level these small areas with the joint rod.

THE FINAL SHAPING of the point where two walls meet is done by hand, with a small sculpting tool that's shaped like a miniature mason's trowel. You need a good eye and a steady hand to create sharp profiles and a straight corner. The final touch is a clear, crisp joint: it's traditional to scribe a line in the corner exactly where the two profiles meet. Use a trowel guided on a straight edge held at a 45-degree angle away from the wall.

**That's Steve's hand in the rubber glove, stuffing the mould which David Flaherty is pushing. The mould is moving from right to left in this photo -- note the roughness of some of the cornice on Steve's side. (It's not too bad looking, as the cornice is nearly complete at this point.) In both this photo and the one below, you can see the blobs of plaster used to reinforce the batten against the wall.**

**David, pushing the mould away from the camera, has just about completed running the cornice. That gaping section of wire lath visible at the far right is one of the mitres that still have to be closed up. What's special about this particular mitre is that it's one of the two points where the chimney breast extends out of the wall, and not just one of the room's corners.**
The running of the cornice has been completed, and now Steve can get to work on the mitre. In this photo, the top section of the moulding has already been blocked out; the lower part, right by Steve's hand, hasn't yet been started.

With the completion of the return of this chimney breast, the entire cornice is finished. As the photo attests, it's virtually impossible to detect where the mould left off and where the craftsman shaped the plaster himself.

Of course, there's always something else to do, even after the job has been completed. In this case, the something extra involves casting sections of plaster ornament and attaching them to the cornice with wet plaster.
A Christmas Sampler

compiled by Sarah McNamara

DESPITE THE COMMERCIALISM associated with it these days, Christmas is still an old-fashioned holiday. As December nears, we remember -- and anticipate -- the sights and smells of Christmas as we've always known it: snow, abundant evergreens, the aroma of homemade gingerbread and roasting turkeys. We carry on our family celebrations with fervor, often without realizing that the same traditions may have been practiced over a hundred years ago!

CHRISTMAS HAS BEEN CELEBRATED in Europe -- especially Germany -- for well over four hundred years. The holiday and all its trimmings became popular in England during the reign of Queen Victoria. Prince Albert, the royal consort, is credited with bringing the first tree to England from his native Germany. Once Christmas reached the height of its popularity in England, it didn't take long for the custom to reach America.

I HAVE BEEN LOOKING ON, this evening, at a merry company of children assembled round that pretty German toy, a Christmas tree. The tree was planted in the middle of a great round table, and towered high above their heads. It was brilliantly lighted by a multitude of little tapers, and everywhere sparkled and glittered with bright objects.

Charles Dickens, 1850

A Homemade Cornucopia

TO MAKE PAPER CONES, cut squares in white or coloured paper. Fold the square in half, like Fig. 1 and cut off the piece at the top, making the two sides equal. When opened it will resemble Fig. 2. Gum it as far as the dotted line, and join it. Be sure to join it so that there is not a hole at the point. If it is made of white paper, cut some strips of red, or green, and of gold paper. Edge it with gold, and paste strips of red, green, and gold round it spirally at intervals. If the cone is made of coloured paper, use gold, white, and some contrasting hue. Fig. 3 illustrates it. Fill with sweets and toys and hang from the Christmas tree.

from CASSELL'S HOUSEHOLD GUIDE, 1800s

Dressing The Home For Christmas

IT TAKES BUT A LITTLE GREEN to give the house a holiday air, if that be well arranged. Fortunate those who have long plants of Ivy grown in pots, as they have a capital material at hand, and one vastly better than any made-up wreaths. A few evergreen trees of small size and neat habit in the hall, or on the stair-landings, go a great way towards decorating the house. Hemlocks, Junipers, Spruces, etc., are often cut and put in place for this purpose. . . . There are two or more kinds of Club-moss (Lycopodium) to be found in the woods, especially northward. These are known also as Ground-Pines and Bouquet Green. All

from CHRISTMAS EVE by S. Annie Frost, Godey's Lady's Book, 1867

The Old-House Journal 220 December 1984
SINCE FRESH FRUIT WAS not readily available, cider was the beverage for a Christian child's Christmas dinner. Desserts were an important part of this feast and were plentiful. Christmas rated a plum pudding; New Year's got a mince pie. Between meals, fruitcakes, which had been curing since autumn, and included at least four varieties, were available to all.

IN LATER YEARS, the Christmas menu was changed to include filet mignon with mushrooms and wine, followed by fresh ham and vegetables, mince pie with champagne, and fruitcakes with liqueurs. But in those early days, nothing alcoholic was served.

The Dear Old Tree

There's a dear old tree, an evergreen tree, And it blossoms once a year, Tis loaded with fruit from top to root, And it brings to all good cheer.

For its blossoms bright are small candles white And its fruit is dolls and toys And they all are free for both you and me If we're good little girls & boys.

The Christmas Menu

The turkey was usually stuffed with a combination of sausage and chestnuts, which was the family favorite over sage and oyster dressing. Since frozen vegetables had not yet become a part of our lives, the vegetables were home-canned string beans, peas and tomatoes seasoned with fresh onions and croutons. In my family, sauerkraut was not served with turkey, but there were always side dishes of coleslaw, pickles, homemade bread and biscuits.

Best Christmas Plum Pudding

One pound of raisins, one pound of currants, one pound of bread crumbs, half a pound of suet chopped fine, eight eggs, one quart of milk, one teaspoonful of sugar, one nutmeg, quarter of a pound of candied citron, quarter of a candied lemon cut in strips, salt and other spices to taste; boil slowly for four hours, and eat with rich sauce.

The entire OHJ staff wishes you a very merry Christmas!
Building A Brick Bake Oven
by Doug Turetsky

I N AMERICAN LORE, the hearth is the center of the home. Family and friends would gather around it, attracted by the warmth and the almost irresistible allure of the burning fire. What also drew people to the hearth was the aroma of breads, cakes, and pies cooking in the brick bake oven.

THE BAKE OVEN -- sometimes called a “beehive oven” because of its domed shape -- can be traced back to ancient Rome. The early bake ovens were free-standing, outdoor structures built of mud plaster. By the time of the American Colonies, ovens were part of the central masonry core of the house, and brick-making had become an industry. Construction with bricks reduced the chance of fire and improved the heat retention of the ovens.

TODAY, it’s not so easy to learn about building or restoring brick bake ovens. They were so common from the 1650s through the 1850s, that people had little reason to record information on their structure and use. In each home the oven was somewhat unique, varying with the materials used and the idiosyncrasies of the homeowner and mason. But what made all these ovens similar were the flat hearth, coursed brick walls, rectangular or arched opening, and of course, the domed roof.

BY THE MID-19TH CENTURY, the brick bake oven began to decline in the face of safer and more efficient cast-iron stoves. Today, however, there’s a resurgence of interest in the brick oven, not only for historical and aesthetic reasons, but also because many cooks believe that the taste and texture of foods baked in an old-fashioned brick oven cannot be equaled.

Planning Your Bake Oven

THE BRICK BAKE OVEN is a relatively simple structure. When renovating or restoring a house, a mason can easily incorporate it in the fireplace complex. There is no one single plan for building a bake oven, and so the mason and homeowner have several options to consider when they plan this project.

WHERE TO PLACE THE OVEN is the first decision, and it involves considerations of both history and safety. Ovens placed in the rear wall of a kitchen fireplace are the simplest to build because they don’t require a separate flue or ash pit. But these are also the most dangerous ovens to use; Unless the fireplace opening is unusually wide, the cook may have to reach across a fire that’s burning in the hearth. Rear ovens generally aren’t found in houses built after 1750. (Before 1750, burning was the second most common cause of death among women.) If the oven is located inside the hearth, you’ll need a large chimney core, and that can influence the placement of other fireplaces and flues in the house.

FIREPLACE CONSTRUCTION evolved with the 18th century. The opening became smaller and less cave-like, and bake ovens thus shifted to one of the fireplace jambs. This type of oven is
safer to use but more challenging to build. It needs its own flue, and may require later innovations such as a damper and a hinged door with a cast-iron frame. Ovens placed in the fireplace jamb generally had an ash pit directly underneath. Besides being historically accurate, an ash pit in the oven design saves bricks and gives you a handy place to deposit smoldering ash when the oven's in use.

CONSIDER SEVERAL FACTORS when determining the dimensions of the oven. Its opening must be relatively small (to reduce heat loss), but large enough so the oven can be used conveniently. Generally, openings ranged from 14 to 16 in. wide by 10 to 16 in. high. The exact size of your opening will be determined largely by the type of lintel or arch used. To reduce heat loss, the opening must be more wide than tall. When choosing the size of the oven for a 19th-century house, you may want to consider the stock sizes of cast-iron frames for the oven opening; custom-made frames can be very costly. For earlier houses, stone or iron lintels are appropriate.

THE SHAPE of the oven hearth and the height of the oven can also vary, depending upon the cook's (and/or the mason's) predilections. A hearth floor can be round, angled to one side, or oval and very deep. When positioning an oven, consider whether the cook is right- or left-handed. Base the height of the hearth from the ground on what's comfortable for the cook. Depending on the design you choose, the size of a bake oven is approximately 26 to 30 in. wide by 26 to 40 in. deep. You'll want to keep the oven as short as possible; the less space in which the heat can rise, the greater the intensity of heat at the oven hearth. The hearth is usually some 30 in. above the floor.

ONCE YOU'VE COMPLETED PLANS for the design and positioning of the oven, investigate bricks and mortar. Opinions differ on their proper compositions, but the common wis-

Above: After the mortar cured, the timber cribbing was removed; the lintel now is in place, spanning the firebox jambs. (Note the second lintel over the ash pit.) A soldier course of bricks lays out the floor plan for the bake oven. 
Right: The bake oven's arch and dome have been completed, and the dome's brickwork surface parged with mortar.
SOME PRESERVATIONISTS and masons believe that soft brick may have been used in bake ovens because it retains heat better than hard brick does. The oven’s temperature extremes may deteriorate soft brick more quickly than hard brick, but the efficiency for cooking is a reasonable compensation.

SOME OVENS, including those built as late as the 19th century, were mortared with clay. Although it can remain remarkably durable, clay can be a fire hazard when used as a mortar. Many a colonial home burned down when fire ate through weak joints and ignited wooden partitions.

LIME/SAND MORTAR was another common pre-20th century bonding material. (New Englanders used it almost exclusively.) A soft mortar, it took several years to harden completely, and it deteriorated faster than the brick did. As with any mortar, the proportions of lime, sand, and water varied according to local custom and individual preference, but it always had a light color. Preservationists often recommend adding some lime to modern mortar mixtures to recreate this coloring. If you adjust your mortar color, remember that it also depends on the color of the sand you use.

ANYONE RESTORING A BRICK OVEN must use a mortar with a composition comparable to that of the mortar already present. Using today’s hard cements in conjunction with soft bricks and existing soft mortar will usually cause cracking, because their thermal properties are incompatible. Their unequal expansion and contraction will also cause the edges and corners of the old brick to spall and flake. (If you’ve never done any masonry work before, you may want to hire a mason to construct the oven. This article is meant to give pointers specifically about bake ovens; this isn’t the place to go into mortar mixing or brick work.)

AFTER THE PRELIMINARY PLANNING, methods of constructing any type of brick oven are generally the same. The oven hearth is composed of bricks and should be supported by at least one flat stone embedded in the masonry complex below the oven. Don’t use hardwood planks; wood on the hearth floor is a fire hazard. You can also support the brick hearth by laying a reinforced concrete pad, which will be hidden from view. You’ll need to build a wooden form and assemble a grid made of corrugated steel rods. Use a mixture rich in portland cement to make the concrete.

SET THE BRICKS for the oven hearth in parallel rows, facing from the rear wall toward the oven opening. This makes it easier to rake out hot coals, and helps prevent pots of food from catching on corners and overturning when you push them in or out of the oven.

AFTER YOU’VE LAID THE HEARTH, begin building the oven walls. Make the walls at least two bricks wide and alternate the joints. This helps retain heat and strengthens the structure; it also protects against fire burning through the joints. For the most effective heat radiation, keep the interior surfaces of the oven smooth and even. Use as little mortar as possible between the inner joints — mortar will crack and crumble from thermal changes faster than brick will.

THE MOST COMPLICATED PART of building the oven is forming the domed roof, It too should be constructed with at least a double thickness of brick. The degree of curve in the dome depends upon how many courses of the wall are
A pie's-eye view: This is the inside of the completed brick bake oven.

Laid before beginning the dome, here again there are many variations. Two of the most common designs begin the dome on either the third or the seventh brick course. But other local variations are just as historically accurate. The height of the oven can be the same with any of these designs. The difference will be in the slope of the interior walls. The key to building any bake oven dome, though, is rolling the brick.

Rolling, like corbelling, eliminates jagged edges and creates a smooth domed surface. It involves laying a brick lengthwise and tipping it inwards. Mortar the brick's outer edge more heavily than the inner -- apply just enough on the inner edge for a tight bond. The roll will become more pronounced as each course is built. Determine the degree of roll by completing one course before beginning the next. Low vertical walls and a gently rolled dome create a squat oven; the easiest, most structurally sound oven to build.

If you're a beginning mason, consider using a mould to hold the shape of the dome until the mortar sets. It'll help you form the dome and prevent its collapsing from an improper mortar mixture. Many historians believe moulds were traditionally used in making bake-oven domes. One of the easiest moulds is formed by packing wet sand against the bricks. The masons who built the communal ovens in the Moravian settlement at Winston-Salem, N.C., built a huge mounded dome of damp sand and laid the bricks in courses to conform to the dome. Once all the courses were completed and the cap was in place, they let the oven stand until the bonding set and then shoveled out the dried sand.

To increase heat retention, cover the completed walls and dome with some additional insulation. An insulation method used by some early masons was to cover the outer walls and dome with sand, and then plaster with another layer of clay or cement.

The oven facing can be built while working on the walls and dome, or after they've been completed. Make sure to leave enough room for the flue, which should be located in front of and above the oven opening. (An oven built into one of the fireplace walls can share the fireplace's flue.) The oven flue should connect with the fireplace flue at about the height of the room's ceiling. Line the flue with standard chimney-flue tiles. Although not period practice, it's a very good idea to leave room for inserting a standard-size damper. A swing-type damper must be mortared into the brickwork; a sliding damper requires a hole for its handle, in either the brick facing or the cast-iron door frame.

An arch or lintel at the front of the oven above the opening will help support the weight of the masonry complex. Many masons prefer a lintel, but an arch is also historically correct. Brick oven arches can be messy looking, because a mason must make very wide mortar joints to span the relatively small opening of the oven. A lintel -- either iron or stone -- should span the oven opening on both sides by several inches and be mortared into place.

Leave room in the facing for the type of oven door you plan to use. The cast-iron frame for a hinged door must be mortared into the brickwork. The slots for a portable door can be made in two ways. A slot about 1 in. deep and slightly taller than the oven opening can be left between the facing bricks and those at a right angle to the jambs. The door can be angled in and out of this slot. The other method is to build a 1/2-in. edge projecting around the opening. The door can be propped up with a metal bar extending from its handle.

Building a brick bake oven offers many options in style and design. It requires creativity and a willingness to experiment. Using your bake oven also offers many possibilities -- and involves learning a whole new way of cooking. Your discoveries just may produce aromas that will pull your family and friends around the hearth.

Special thanks to John Curtis of Old Sturbridge Village, for his help in the preparation of this article. All photographs courtesy of Old Sturbridge Village; Henry E. Peach, photographer.
The Gothic Revival
by James C. Massey and Shirley Maxwell

In the mid-19th century American Gothic Revival houses exhibited "picturesque," asymmetrical massing and varied building heights, steeply gabled rooflines, pointed arches of many types, and elaborate ornamentation in the Gothic mode -- trefoils, quatrefoils, cinquefoils, pendentives, tracery, and clustered columns. Despite the structural origins of the true Gothic, the Gothic Revival was a consciously decorative phenomenon, inspired by the omnipresent pointed arch.

Of the several types of pointed arch popular with the Victorians, the lancet is the most...
quatrefoil or cinquefoil shapes channeled light through three-, four- or five-lobed openings.

**The Wooden Gothic**

The Americans quickly concluded that wood was as suitable a building material for Gothic designs as stone or masonry, and the upright lines of board-and-batten construction enhanced many a Gothic cottage.

Jigsaw-cut wooden vergeboards (or bargeboards) dripping pendentive (hanging) ornament became almost synonymous with Rural Gothic cottages. (Carpenter Gothic is a 20th-century term for such houses.)

**FURTHER READING:**


Calder Loth and Julius Trousdale Sadler, Jr., *The Only Proper Style: Gothic Architecture In America*, 1975.

Plating & Polishing

We recently received a letter from Tom Link of Washburn, N.D. He told the kind of story we really like—one with a happy ending. “For the past three years I’ve been trying to find a company that will renickel the bathroom fixtures of my 1897 house. I first approached motorcycle shops. They said, ‘Sorry, we only do motorcycle parts.’ I wrote to OHJ, and you suggested I contact plating companies in a larger city. I wrote to several, and their prices were astronomical. Finally, I found a company in North Dakota to do the plating for me: Reliable Plating & Welding. They did excellent work at a fair price—the lowest quote the other companies gave me for one piece was $50; Reliable did it for $10! I would highly recommend Reliable to any restorers.”

I contacted Reliable, and learned that the firm does chrome, copper, nickel, and brass plating. They also polish, weld, and sandblast rusty metal parts. They’ve stripped, polished, and renickel bath fixtures as well as antique stove and range parts. They can even polish and/or replate antique light fixture parts. For a rough price quote, send SASE, a photo of the objects that need polishing or replating, and a description of what you want done. Write Reliable Plating & Welding, Coleharbor, ND 58531. (701) 442-3118.

Coal & Wood Range

I don’t know whether you would call the Enterprise Monarch Range a reproduction or not, since it’s manufactured by the Enterprise Foundry Co. of New Brunswick, Canada, who has been making stoves and ranges continuously since 1872. It would take an antique-stove expert to tell it from an original, turn-of-the-century model. The first one I saw, I almost mistook for a restored original, but the tempered glass viewing panel on the oven door gave it away.

The beautifully crafted range has a machined cooktop with black porcelain enamel on the rest of the body. All of the intricate and decorative trim on the range, right down to the foldable warming trivets (with the ‘E’ logo on the splashguard) are nickel-plated, just like the old ones. The roast-size oven and the ash removal drawer are porcelain enameled for easy cleaning.

The wood- or coal-burning, cast-iron firebox with rocking grates measures 17 in. x 10 in. x 24 in. and has a grate-level poker door for coal clinkers. Atop the range is a warming closet featuring a balanced swing-up door and a 33-in. towel bar. An easy-to-install, optional 10-gal. warm-water reservoir (pictured on the right of the range) is available.

The range is not only exceedingly decorative but designed for a lifetime of use; with the reservoir, the range weighs in at a rock-solid 625 lbs. The Enterprise Monarch with reservoir sells for $2250, the range alone is $2095 not including shipping. Even if you’re not in the market for a range you should still order Lehman’s Non-Electric, ‘Good Neighbor’ Heritage Catalog. There is an amazing collection of general-store type merchandise, much of which I have never seen anywhere else, pictured in the $2 catalog. Contact Lehman Hardware & Appliances, Inc., Box 41, Dept. OHJ, Kidron, OH 44636. (216) 857-5441.
New Wood-Graining Kit

The biggest problem for novice wood grainers hasn't been a lack of proper tools, but the lack of step-by-step primers to show how it's done. But now, American Wood Graining Products has made the whole process a lot simpler with the introduction of their Nature's Touch Basic Wood Graining Kit for Oak.

What I like best about the new kit is the 16-page booklet which begins with a glossary of graining terms, lists supplies needed, surface preparation, base color painting, secondary graining, primary graining, applying shadowing and toning, general techniques, graining raised panels and moldings, and finish coats and touch-ups. The booklet is well-illustrated with easy to understand, step-by-step color and black and white photos. The text is very easy to follow and is loaded with good tips to help you do a better job.

Garret Wade Company has just introduced its new 1985 Master Catalog containing more than 2500 fine hand tools on 212 pages. Not only is it loaded with hard-to-find old-style tools, but each chapter contains informative introductions which provide valuable facts on tool construction and use.

The catalog is $3 from Garret Wade Co., Dept. OHJ, 161 Ave. of The Americas, New York, NY 10013. (212) 807-1155.

Pigeon-Control Netting

ProSoCo, Inc., maker of masonry cleaning products, has just introduced a knotted and tied netting for protection against pigeons and their damaging droppings. Conservare Pigeon Control mesh netting is designed to be anchored and stretched over areas where pigeons like to stand and roost. Water tables, cornices, ornamental masonry, and statuary can be permanently protected without harming either the building or the birds.

The lightweight UV stable, plastic netting is anchored with stainless steel pins set into the masonry. It weighs about 4 lbs. per 1,000 square feet. The pricing varies with the amount purchased, but for less than 1,000 square feet it costs about $.60 per square foot (including shipping and handling).

To find out more contact ProSoCo, Inc., Dept. OHJ, P.O. Box 1578, Kansas City, KS 66117. (913) 281-2700.

The kits sell for $29.95 and come with: a rubber graining tool, four graining combs, graining booklet, a pint of base color, work sheets, a pint of graining liquid, a 1/2 pint of shadow and toning liquid, 1/2 oz. of red tinting color, and 1/2 oz. of brown tinting color. You have to specify brown or light brown.

The Graining Liquid supplied with these kits has been specially formulated for wood graining, and it makes the job a lot easier, especially for the novice.

If you have the patience and are willing to practice, American Wood Graining has the kit to get you started. Write for a free brochure from: Ann Jordan, Dept. OHJ, P.O. Box 380084, Denver, CO 80238. (303) 399-3474.

American Wood Heat Cookery is a newly revised and enlarged guide to cooking on a wood-heat stove. Normally a cookbook is a little out of our realm, but I think anyone who uses a wood-burning stove or has even a passing interest in Americana will be fascinated by this book.

The author, Margaret Byrd Adams, has collected 284 original wood-stove recipes that were brought to this country by immigrants. What I found most enjoyable were the historical, and unusually amusing, anecdotes that preceded each dish - how it developed, and when and how it was first introduced in America: Thresher's Chicken, Seed Cake, Smoky Mountain Corn Bread, Pine Bark Fish Stew, War Cake, and one of my favorites, Texas Chili.

Not being an experienced cook on any sort of stove, I was relieved not to find any of that 'pinch of this' and 'add to taste' stuff. Everything is spelled out in standard measurements. Plus, all of the dishes can be prepared on conventional ranges.

Besides tasty recipes, one of the real values of this book is the wealth of technical information it supplies. There are tips on using wood stoves, appropriate cookware, cooking and baking methods, stove care, chimney cleaning and chimney fires, wood usage, and even a listing of stove-paraphernalia suppliers.

To order the 252-page book, send $7.95, plus $1.50 for shipping and handling to Pacific Search Press, Dept. OHJ, 222 Dexter Ave. North, Seattle, WA 98109.
Here we conclude our list of the State Historic Preservation Offices. If you want to know more about what your SHPO can do for you, consult our article in the August-September 1984 OHJ.
Barbara Murphy of the Utah State Historic Preservation Office demonstrates her paint-stripping prowess.

Technical & Tax Assistance
Jane Lendway
National Register
Nancy Boone
Review & Compliance
Giovanna Peebles
Grants
Richard Stickney
Publications: Historic Preservation in Vermont (free booklet); Historic Buildings & The Economic Tax Act of 1981 (free booklet); historic sites pamphlets, statewide survey published county by county

VIRGIN ISLANDS
Roy E. Adams, SHPO
Virgin Islands Planning Office
PO Box 2606
St. Thomas, VI 00801
(809) 774-7859
National Register
Barbara Hagan-Smith
Archeology
Elizabeth Righter
Education
Myron D. Jackson

VIRGINIA
H. Bryan Mitchell, Executive Director
Virginia Historic Landmarks Commission
221 Governor Street
Richmond, VA 23219
(804) 786-3143
Technical & Tax Assistance / Grants
Dianne Pierce
National Register
Robert Carter
Calder Loth
Margaret T. Peters
Review & Compliance
C. Vernon March, III
Archeology
Alain C. Outlaw
Archives
Susan Alexander
Publications: Notes On Virginia (twice yearly)

WASHINGTON
Jacob E. Thomas, SHPO
111 West 21st Avenue, KL-11
Olympia, WA 98504
(206) 753-4011

WASHINGTON
Mark Brack 753-7436
Tax Incentives / Grants
David M. Hansen 753-4117
Review & Compliance
Robert Whitlam 753-4405
Main Street Program
David Jacob 753-7442
Publications: Historic Sites brochure

WEST VIRGINIA
Norman L. Fagan, Commissioner
Department of Culture & History
State Capitol Complex
Charleston, WV 25305
(304) 348-0220
Technical & Tax Assistance / Grants
Michael Gioulis 348-0240
National Register
Rodney S. Collins 348-0240
Michael Pauley
Archeology
James Bloenker 348-0230
Ann Wainstein
Publications: Grants & Services booklet;
West Virginia Historical Resources Survey Handbook; tax & National Register booklets; Covered Bridges pamphlet;
Culture & History Newsletter
Other services: Main Street film available; gift shop

WISCONSIN
Jeff Dean, Director
State Historical Society of Wisconsin
916 State Street
Madison, WI 53706
(608) 262-1339
National Register / Review & Compliance
Debbie Cravens 262-2732
Richard Dexter
Tax Incentives / Grants
John Lorentz 262-2971
Larry Reed
James Sewell
Publications: National Register information packets; Wisconsin Preservation Newsletter
Other services: bookstore; workshops; lectures; conferences

WYOMING
Alvin F. Bastron, P.E., Director
Wyoming Recreation Commission
1920 Thomas Street
Cheyenne, WY 82002
(307) 777-6695
Technical Assistance
Sharon Bollinger 777-632
Mark G. Jung
National Register
Eileen Starr 777-6301
Tax Incentives
Herbert Dawson 777-6316
Grants
Robert Renteria 777-7695
Archeology
Thomas Marceau 777-6696
Publications: State Parks Historic Monuments & Marker Programs brochures

December 1984 231 The Old-House Journal
NEW BOOKS FOR OLD-HOUSE PEOPLE

The Garden Book by John Brookes

It may not be about historical gardening, but this book is such a superb piece of work that we had to bring it to your attention. It’s a quality, oversized hardcover, overflowing with gorgeous, full-color photos and drawings. But it’s more than an exceptional design achievement; this book is the best, most thorough work in its field (and we’ve seen dozens of them). It covers the entire range of garden styles, tells you how to plan, construct, and maintain a garden, how to choose and use plants — from flowers to trees to grass to vegetables. This book is the ultimate, whether you’re looking toward setting up your own garden, or want to give a breathtaking gift to someone special. 288 pages, hardbound.

Order No. 54

$24.95 postpaid

The Home Cabinetmaker by Monte Burch

OHJ's Administrative Assistant Tricia Martin and her husband had to build some cabinets for their home, and they asked a carpenter friend to recommend a good book. He told them about this one, “the book to buy when you’re buying only one.” It starts right at the beginning, discussing wood, fasteners, glues, and clamps. Then, on to basic cabinetry techniques: joints, case construction, cabinet doors, drawers, shelves, legs & frames, veneering. Later sections cover finishes, glass & plexiglass, installing millwork, planning a workshop, selecting tools, and more. Other books may be stronger when it comes to design ideas, but none are better at teaching cabinetmaking and finish carpentry. 543 pages, hardbound.

Order No. 52

$27.45 postpaid

Curtains And Window Treatments by Angela Fishburn

Newer houses can sport cafe curtains, neo-colonial ruffles, or Venetian blinds, but what do you do with the windows of an old house? Few people can afford — or really want -- museum-quality drapery and wood valances. This excellent book covers all the practical and appropriate choices for old windows. It begins with broad categories: window styles; tracks & fittings; color, design, fabrics; tools; seams & stitches; linings. Then it examines specific types of curtains and the techniques for making them. You’ll learn how to estimate & cut fabrics; make French pleats; design & construct pelmets; shape valances, swags, & tails; build roller blinds, Roman blinds, festoon blinds; and more! 120 pages, hardbound.

Order No. 53

$18.95 postpaid

Plastering Skill by F. Van Den Branden & Thomas L. Hartsell

In April of 1984 we offered a limited number of British plastering books. The demand far exceeded our supply, and we had to return over 700 checks! As we said then, the best plastering book was long out of print — until now. We went to American Technical Publishers and persuaded them to print a new edition of their outstanding book, in conjunction with The Old-House Journal. It’s now available exclusively through OHJ, and it’s the book you’ve been searching for. Designed as a textbook for vocational schools, the book will explain all the basics of plastering, and take you right up to running decorative mouldings and making special finishes. 543 pages, softbound.

Order No. 55

$24.45 postpaid
The Christmas Tree Book

Here's a book that will transport you back to a time when Christmas was a true celebration of joy, peace, and love. It's an illustrated history of Christmas trees and their decorations, with full-color photos & charming old engravings enhancing every page. The rare antique Christmas ornaments it pictures will give you an array of ideas for transforming a ho-hum Christmas into an event you'll cherish all year long. 176 pages, hardbound.

Order No. 51 $22.45 postpaid

Field Guide To American House Styles

This intelligent, fully researched book is much more than just another pocket manual or a coffee-table book. It comprehensively covers the regional variations of more than 300 years of American vernacular architecture: Folk, Colonial, Romantic, Victorian, Post-Victorian, and Contemporary. Over 1200 illustrations, from rare old-house photos to drawings which pinpoint details of windows, doors, cornices, and more. 526 pages, softbound.

Order No. 59 $22.45 postpaid

Victorian Architecture

This book is a one-volume facsimile edition of two classic architectural pattern books dating from 1873 & 1881. It's a comprehensive guide to Queen Anne, Italianate, Eastlake, & Gothic Revival styles, with floor plans, elevations, and perspective drawings. There are thousands of illustrations of ornamental details, including cornices, brackets, bays and dormers, porches, fences, windows and window caps, doors, mantels, and ironwork. 178 pages, softbound.

Order No. 16 $16.45 postpaid

Building Your Own Kitchen Cabinets

Prefab kitchen cabinets are often unattractive, & semi-custom cabinets can be very expensive. But you can build your own cabinets, if you're a do-it-yourselfer with basic carpentry skills — & you have this book. Straightforward instructions & over 150 illustrations cover every step of the job, from basic kitchen organization to construction & installation. Also included are estimating costs, buying hardware, selecting different woods, and more. 144 pages, softbound.

Order No. 42 $14.46 postpaid

Century Of Color

This is the most comprehensive guide available to historically-accurate exterior paint colors. It features 100 color plates — from "plain" Victorian & vernacular Classic houses to showcase homes. Plus there are Affinity Charts, with 200 color combinations diverse enough to stimulate everyone's aesthetic taste. The book also has a bonus: a large color chip card displaying the 40 colors of Sherwin-Williams' authentic paint line, Heritage Colors. 108 pages, softbound.

Order No. 20 $15.50 postpaid

The Ultimate Where-To-Find-It Guide

1 The Old-House Journal Catalog is the "Yellow Pages" for pre-1939 houses. In this comprehensive buyer's guide are listed hundreds of hard-to-find old-house products — the kind that hardware store clerks will assure you "aren't made anymore."

The Catalog is the most complete and authoritative directory of the field. It lists 1,348 companies; almost 10,000 individual items and services have been compiled. Every listing is carefully screened by the editors of The Old-House Journal. Hard-to-find products, including marble mantels, hand-printed wallpapers, wooden porch ornament, and brass lighting fixtures, are now easy-to-find.

The Catalog is crammed with NEW information: There are 255 NEW companies that didn't appear in the previous edition. Also, 737 of the other listings contain NEW information — new products, new prices, new literature, new addresses, and new phone numbers.

Another new feature: a State Index that groups Catalog companies by city and state. This index allows you to find quickly the listed old-house suppliers that are located nearest you.

And for companies that aren't near you, the Catalog gives all the information you need to do business by mail or phone. The Company Directory tells you the full address, phone number, and what literature is available — and the price, if any.

The Catalog Index is meticulously cross-referenced. For example, if you're trying to find "ceiling rosettes," the Index tells you that the item will be found under "ceiling medallions."

Order No. 12 216 pages, 8½ x 11 inches, softbound

The Catalog is $13.95 ppd., but OJH subscribers can order it for only $10.95 (includes fast UPS shipping).
**Holiday Special!**

Here's your chance to get

The Ultimate Paint-Stripping Kit

at a special discount!

When you order both the Heat Gun and the Heat Plate, you'll receive

*Old House Woodwork Restoration* for FREE — a saving of $15.45!

*The two best tools for doing the job, interior & exterior, moulded & flat surfaces

*The best book on how to strip & refinish wood

But order now — this offer expires December 31, 1984!

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**The Two Best Heat Tools For Stripping Paint**

Different paint-stripping projects require varying tactics. Refinishing experts agree that, whenever practicable, hand stripping wood pieces is preferable to dipping them in a strong chemical bath. Heat guns and heat plates are often the best overall tools for taking paint off wood surfaces. They make paint removal safe, quick, and economical.

Heat is a fast method because the paint bubbles & lifts as you go along. There is no waiting for chemicals to soak in, no multiple recoatings, and far less cleanup. Unlike stripping with chemicals, all layers of paint are removed in a single pass.

As for economy: These tools are long-lasting industrial products, so the initial expense is made up in savings on the $18 to $22 per gallon stripper that you're no longer buying in quantity. Even after heavy use, a worn-out heating element on a gun can be replaced by the owner for about $7.

---

**The Heat Gun**

Ideal for moulded & turned woodwork!

Over 10,000 OHJ subscribers have purchased the Heavy-Duty Heat Gun, and discovered the best tool for stripping paint from interior woodwork. (A small amount of chemical cleaner is suggested for tight crevices and cleanup, but the Heat Gun does most of the work.) It will reduce the hazard of inhaling methylene chloride vapors present in paint removers. Another major safety feature is the Heat Gun's operating temperature, which is lower than a blowtorch or propane torch, thus minimizing the danger of vaporizing lead. The Master HG-501 Heat Gun operates at 500-750°F, draws 15 amps at 120 volts, and has a rugged, die-cast aluminum body — no plastics!

---

**The Heat Plate**

For any flat surfaces -- even clapboards!

After testing all of the available heat tools, the OHJ editors recommend the HYDElectric Heat Plate as the best tool for stripping clapboards, shingles, doors, large panels, and any flat surface. The Heat Plate draws 7 amps at 120 volts. Its electric resistance heating coil heats the surface to be stripped to a temperature of 550-800°F. The nickel-plated steel shield reflects the maximum amount of heat from the coil to the surface. And among the Heat Plate's safety features is a wire frame that supports the unit, so you can set it down without having to shut it off.

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Both the Heavy-Duty Heat Gun and the HYDElectric Heat Plate come with complete operating and safety instructions, and are backed by The Old-House Journal Guarantee: If your unit should malfunction for any reason within two months of purchase, return it to us and we'll replace it.

The Heat Gun is available for only $77.95; the Heat Plate for only $39.95. (These prices include fast UPS shipping.) You can order either or both by filling out the Order Form in this issue, or by sending a check or money order to The Old-House Journal, 69A Seventh Avenue, Brooklyn, NY 11217.


PEN & INK DRAWINGS of your historic home, rendered in the “stipple” technique, 11 in. x 14 in. and 16 in. x 20 in., $75-$100. Send clear b & w or color photo, 3½ x 5 or 4 x 7. J. Wayne Wade, Graphix Unlimited, 500 Lehigl, Harlinside, OH 45475.

BLACKSMITH SHOP, early 19th cent., from Charlton, Mass. in rough restorable condition. Measures 25 ft. x 17 ft. Raisd on cribbing for transport or can be disassembled by buyer. Through measured drawings, historical background, photos, many hand tools & artifacts. Serious inquiries only. $2,500 or best reasonable offer. John O. Curtis, Director, Curatorial Dept., Old Firehouse Village, Starbridge, NY 12166. (518) 347-3632, ext. 235.


 gröwe Furnishings, authentic 19th-century books for children & adults, many illustrated and w/ ornately decorated covers. For detailed descriptive list, send $3 payable w/ first purchase) to Isabel Sloane, 141 Mt. Pleasant Ave., Gloucester, MA 01930.

PORTRAIT OF YOUR HOME—Your choice of pen & ink or pencil. Clear photo needed. Ave. price, $70-$100. Rhonda Johnson, Rt. 2, Box 155, Chester, IL 62233.

CLAWFOOT BATHTUB, 1916. 4 ft x 28 in. Good condition. $100. Boston area. (617) 933-4636.

CAST-IRON FP, separate pieces to be assembled, Marvel, curved side panels attach to front, pierced fire screen. Best offer. Kimball, 220 E. Cardinal St., Wheeling, WV 26003.


ROPER GAS RANGE—1930s, in good working condition w/ 4 burners, oven, broiler, 2nd broiler/oven, 2 shelves. 38 x 72 in. Lovely detail, restored. $3900. Plus shipping. Jick Robinson, 273 N. Kinnick St., Westmont, IL 60559. (630) 922-8066.

VICTORIAN MARBLE FP—We’ve collected over 150 Victorian marble mantels over the past 15 years. Carved & restored in our own workshop for sale. We have a variety of colors. Sizes & photos can be sent upon request, as these pieces are one of a kind. Roman Marble Co., 128 W. Kinzie St., Chicago, IL 60610. (312) 337-2217.


PARAFOOT, New York, 1928. 5’5” x 4’6”. Pitch pine. $1000. All pieces are dovetailed & corner jointed. Price for set is $2000. F. C. Street, New York, NY 10014.

PARTS FROM THE SUMMIT HOTEL, Summit, NJ. Original 19th century details. $15 per item. Write: Emporium Editor, Old-House Journal, PO Box 31, Summit, NJ 07901.

WICKER RESTORATION: Will repair antique wicker furniture. Also new reproduction Art Deco wicker furniture. Marc Borowicz, 788 Ferry St. NE, Decatur, AL 35560.
Save Up To $18 On Gift Subscriptions!

Because The Old-House Journal doesn’t carry paid advertising, gift subscriptions are a very important source of revenue for us. So we’d like to offer you a deal that will benefit us both. Give gift subscriptions to your friends, and we’ll give you a very attractive holiday discount.

Here’s how it works: Buy the first subscription at full rate. If you like, it can be an extension of your own subscription. (If it is your own renewal, please enclose your current mailing label.)

Your second gift subscription costs only $15. Your third — $12. And your fourth gift is only $9.

You can save up to $18 if you get all four. But order now — these holiday discounts expire December 31, 1984.

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<td>Your Name___________________</td>
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With every Holiday Gift Subscription, we will send a handsome Greeting Card with your name hand-lettered as gift donor.

To make sure the gift card arrives in time for Christmas, return this form and your check before December 10, 1984.

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<table>
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<th>Item</th>
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<td>The Restoration Encyclopedia</td>
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<td>The Christmas Tree Book</td>
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<td>Curtains And Window Treatments</td>
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<td>Plastering Skill</td>
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<td>Queen Anne Pattern Book</td>
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<td>Modern Carpentry</td>
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<td>42</td>
<td>Building Your Own Kitchen Cabinets</td>
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<td>Victorian Architecture</td>
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<td>11</td>
<td>Master Heavy-Duty Heat Gun</td>
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<td>HYDElectric Heat Plate</td>
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<td>23</td>
<td>Old House Woodwork Restoration</td>
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<td>11/10/23</td>
<td>Both Heat Tools &amp; Old House Woodwork Rest.</td>
<td></td>
<td>$117.90</td>
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<tr>
<td>12</td>
<td>The New 1985 OHJ Catalog</td>
<td></td>
<td>$10.95</td>
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Merchandise Total

NY State Sales Tax

Total Enclosed

☐ My order totals $35 or more. Please send me a *FREE* OHJ Work Apron.

(This total can include Gift Subscriptions.)


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No, Rapunzel Has Not Moved to Kansas City, Missouri. Although many of us dream of living in a "fairy tale" house -- a Queen Anne with towers, turrets, and lots of gingerbread -- most of us are content to accept and work with the styles of our old houses, as plain as they may be. Unfortunately, the owner of this house just couldn't control himself.

According to Mark Reynolds of Royal Oak, Michigan, this house is typical of midtown Kansas City and is known in Western Missouri as a "Kansas City Shirtwaist." The shingles, siding, windows, and masonry are all original and typical of post-Victorian homes. If the house had been built with a tower, it would not have looked like this. The current owner made the mistake of adding the tower without the benefit of an architect. The tower itself is disproportionate to the rest of the house and is poorly connected to the porch. The windows, too, are out of scale.

If the owner had left well enough alone, this house, with some painting and cleaning, could have looked as it did when it was built early in the century. Now, major roof work will have to be done to return it to its original appearance. Since the tower is for decorative purposes only (it's not large enough to be used as living space), we hope the owner will reconsider this "Grimm" remuddling. -- SJM