

# House & Garden

**Double Number**

**March 1939**

**Section I**  
**Charleston Houses and Gardens**

**Section II**  
**For the Homebuilders' Guide:**  
**Construction and Equipment**

**Price 35 cents**







WYNN RICHARDS

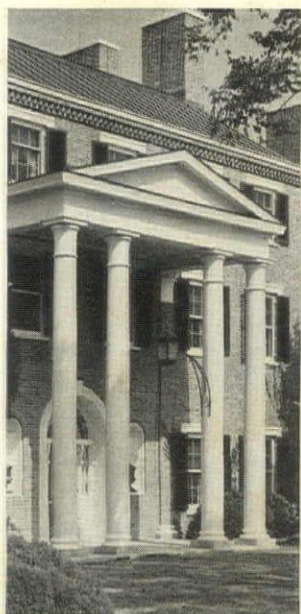
*You may have* a dozen reasons for wanting Wamsutta *Supercalc* sheets and pillow cases in your bridal trousseau. . . . It may be because they are finer and smoother than other sheets. Or because they are lighter and cost much less to launder. Or because you know their exclusive EQUI-TENSION weave gives them exceptional strength and more years of service. Or simply because, at this most important time in your life, you want to furnish your new home with "The Finest of Cottons," Wamsutta *Supercalc*. ✦ ✦ WAMSUTTA MILLS, since 1846, NEW BEDFORD, MASS.

**WAMSUTTA** *Supercalc Sheets*  
REG. U. S. PAT. OFF.



# Sloane does both...

## THIS



### FOR BIG HOMES



**A RARE ANTIQUE** Regency cabinet: one of a pair Sloane searched England for... and found in Yorkshire in all their beauty of exquisite detail and glowing mahogany. Circa 1810; \$1525 the pair.



**A REGISTERED REPRODUCTION:** 18th Century Sheraton sideboard of which only twenty-five are carefully and proudly made. Superb mahogany and mahogany veneers inlaid with satinwood, \$330.

**A FINE LAMP:** made from an apothecary jar out of 19th Century France. This and its mate are but two in Sloane's wide and inspired collection of lamps. Complete with stretched silk shades, \$54 a pair.

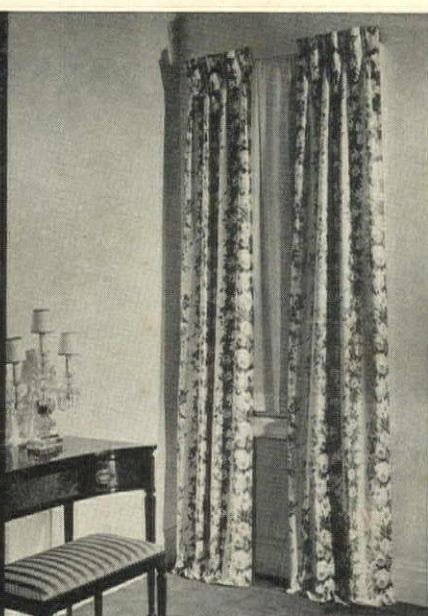
## AND THIS



### FOR LITTLE HOMES



**A DINING ENSEMBLE:** the drop-leaf table seats six, \$55. Side chairs, \$20; armchairs, \$27.50. (Prices in muslin, including labor to cover.) Of mahogany and Sloane's Permo-Weld mahogany veneers.



**DRAPERIES:** their design copied from an old imported chintz...in shimmering Pearl-glow...washable, pre-shrunk, sunfast. Sateen lined; pinch pleats, weights, and tailoring to Sloane standards. \$7.95 pair.



**A BOUDOIR CHAIR:** beautifully proportioned and painstakingly made...with the hand-tied springs and loose down cushion of its luxurious forbear. In muslin, including labor to cover, \$39.50.

W&J **Sloane**

FIFTH AVENUE AT 47TH • NEW YORK

Washington • San Francisco • Beverly Hills

Prices slightly higher west of Rockies



## NEW STERLING FOR DISCERNING BRIDES OF NINETEEN THIRTY-NINE



GORHAM'S OUTSTANDING DESIGNS COST NO MORE THAN ORDINARY PATTERNS!

*Nocturne* represents rhythm sculptured in silver. Concave surfaces and studied balance offer new-day interpretation to a functional modern design. One Place-Setting costs but \$17.17.

*Greenbrier's* tapering center panel, bordered with sweeping lines interrupted by delicate flowers, lends another charming note to contemporary silver. One Place-Setting is only \$16.92.

Both, correct in any setting and always open-stock, merit your consideration when selecting sterling to commemorate the most important occasion in your lifetime!

STERLING BY

*Gorham*  
AMERICA'S LEADING SILVERSMITHS SINCE 1831

THE GORHAM COMPANY, PROVIDENCE, RHODE ISLAND

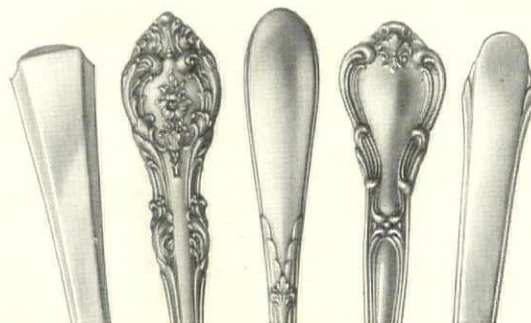
Send me FREE literature on currently popular sterling designs. I prefer plain \_\_\_\_\_ decorated \_\_\_\_\_. Enclosed find 10¢ for 1939 suggestions on table appointments.

Name \_\_\_\_\_

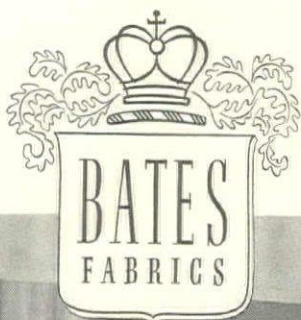
Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

From left to right  
GOVERNOR'S  
LADY  
KING EDWARD  
ROSE MARIE  
CHANTILLY  
HUNT CLUB







*"Loomed to be heirloomed"*



"**CHARLESTON MOSAIC**" is as typically "old Charleston" as the lovely walled in gardens . . . as proud as the stateliest mansions. Reversible, sunfast and tubfast and laundered in finishing. Single and double bed sizes in Blue, Rose, Green and Red.

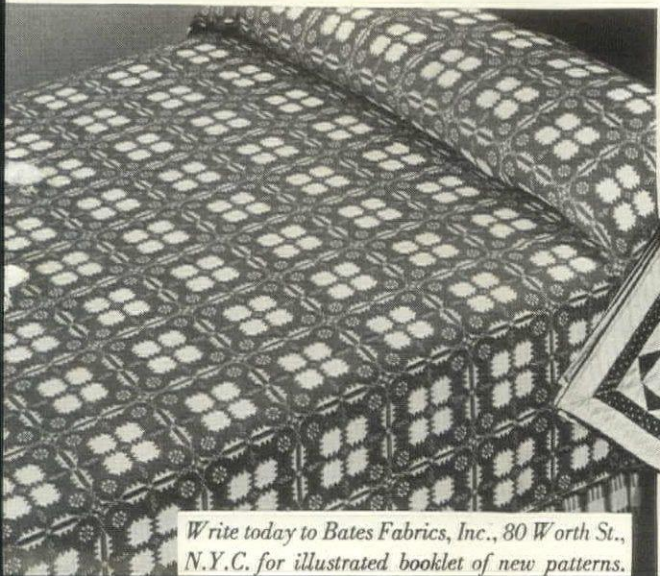
## Charleston 1812

The gracious serenity of the place and the time may never live again. But its spirit is immortalized in three Bates Bedspreads that have been "Loomed to be Heirloomed."

All three were inspired by designs highly esteemed in antebellum Charleston. All are irreproachably correct today in almost any setting.

Worthy companions are Bates Fine Percale Sheets, the first truly fine percales ever to bear such modest price-tags.

MARION SQUARE"



"**MARION SQUARE**"—a quaint design as engaging as the blithe, soft speech of its birthplace . . . as charming as its name-sake. Sunfast, tubfast and reversible. Laundered in finishing. Single and double bed sizes in Blue, Rose, Green, Red, Treebark.

"**1776**"—superb rendition of a priceless Revolutionary patchwork, achieved through inimitable Bates "loom-quilting." Available in single and double bed sizes in the following sunfast and tubfast colors: Lt. Blue, Dk. Blue, Rose, Gold, Green, Brown, Wine.

**Bates** BEDSPREADS AND FINE PERCALE SHEETS

Write today to Bates Fabrics, Inc., 80 Worth St., N.Y.C. for illustrated booklet of new patterns.

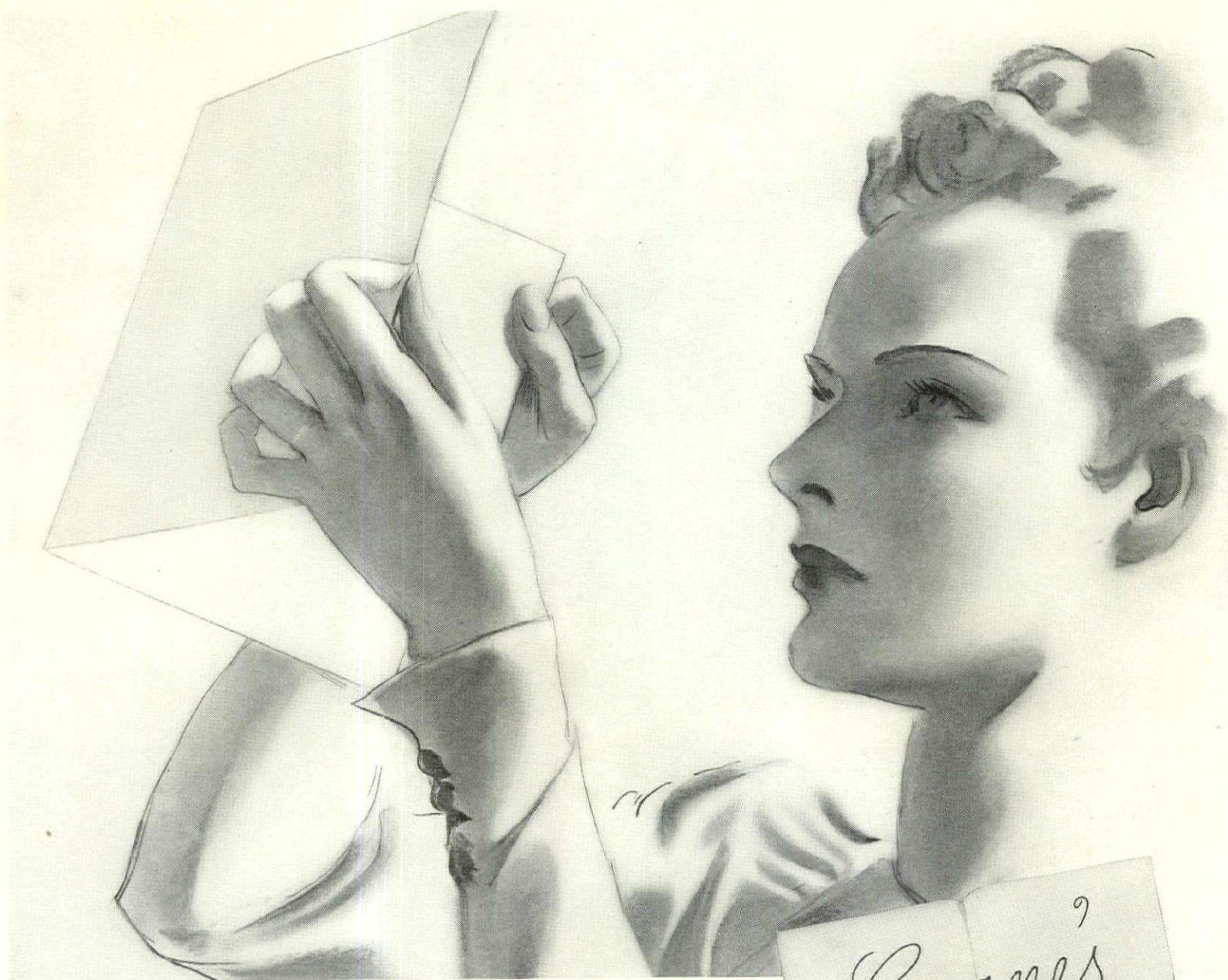
"1776"



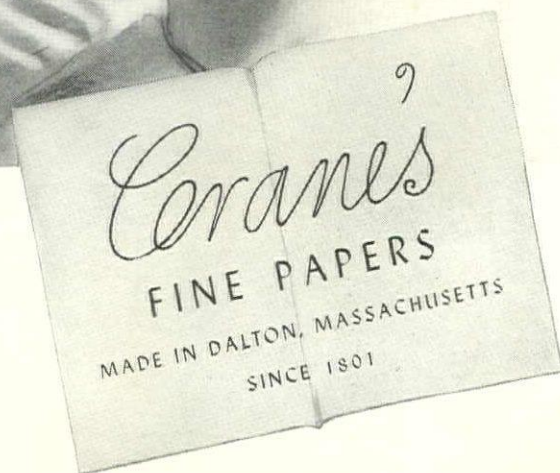
**YOUR WRITING PAPER HOLDS A MIRROR TO YOUR TASTE**

When you hold a sheet of paper to the light and find the mark of Crane, you know that your writing paper will mirror your good taste with the utmost assurance. For in paper, the name of Crane means what sterling does in silver. Both are made to a standard. That of sterling is fixed by law. That of Crane by tradition and pride these 138 years. • The law asks only 92½% pure silver content of sterling. Crane makes paper that is 100% cotton and linen fibre—the most enduring material from which paper can be made. • To this tradition of quality, Crane adds a genius for styling papers that makes them the first choice of the most discriminating. Fresh evidence of this is found in Twillweave, a new Crane paper with an exclusive piqué texture, that affords a unique background for your handwriting.

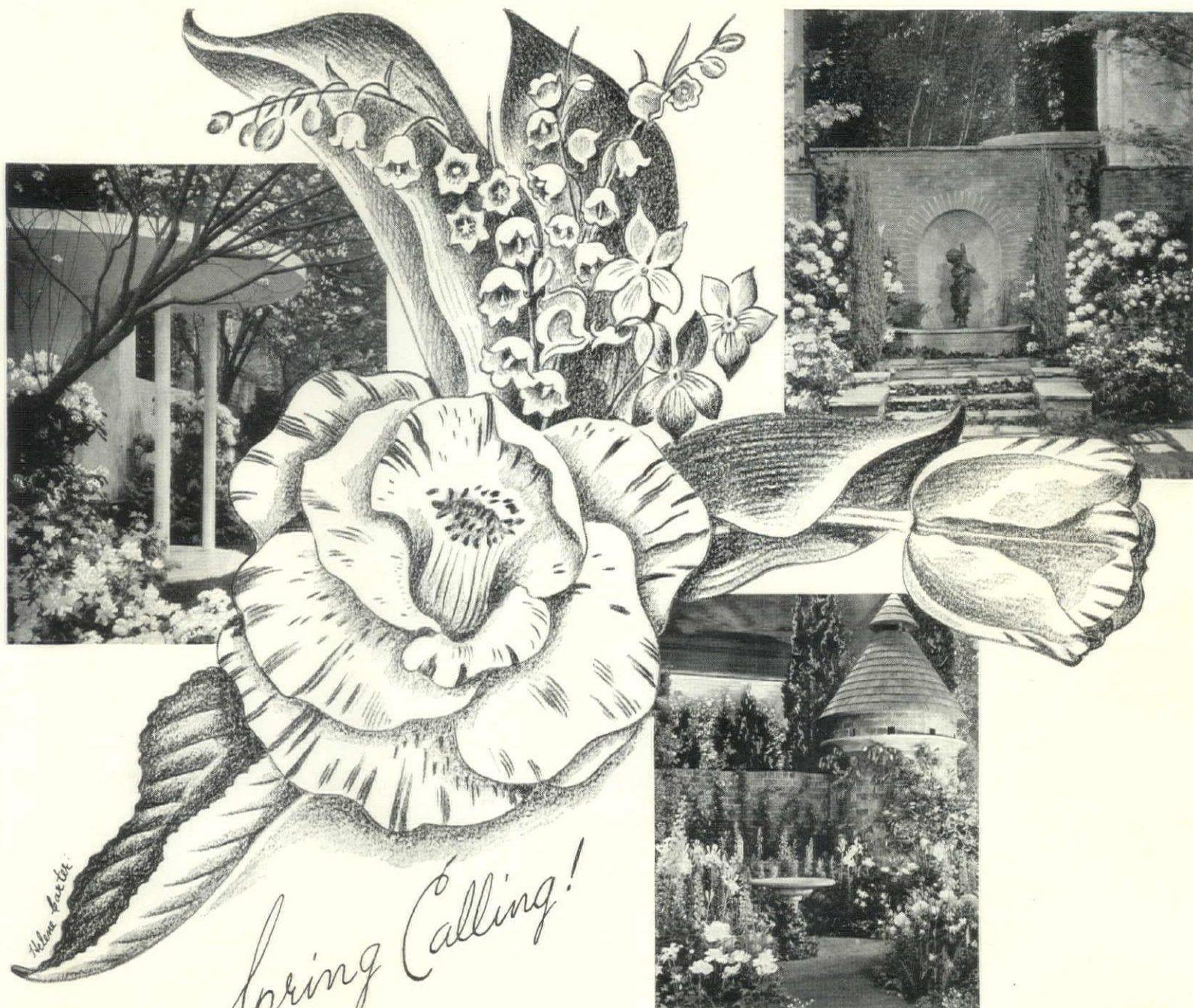
*Let the Crane mark in paper be your guide*



*Ask your stationer to show you Twillweave, in white or in blue, either plain or bordered. He will also suggest, if you wish, ways in which it may be stamped effectively. Enjoy the reflection of good taste that all Crane Papers give your correspondence.*







# Spring Calling! 26th INTERNATIONAL Flower Show

YES, Spring is calling and reminding you that your garden soon will be Household Assignment Number One. There are weeks of horticultural happiness ahead, and to make this doubly sure, the INTERNATIONAL FLOWER SHOW once more blooms for you. No need to mention that this is the one indispensable annual fixture for every garden lover—at least everyone within reasonable distance of New York.

Beauty on all sides—and such practical beauty!

New ideas, new plants to cultivate, more color variation from month to month; new discoveries and scientific improvements; modern trends in floral arrangement, garden furniture and interior decoration, which mean greater economies and greater gardening pleasure.

*Conducted by the Horticultural Society of New York and the New York Florists' Club, with numerous organizations co-operating.*

**March 13-18 • Grand Central Palace • New York**



# Be in 3 important places at the same exciting time

**Did we hear you say it can't be done? Well,  
it really *can*! You can be . . .**

**in PARIS . . .** *for the dramatic impact of the Spring Openings!* You can share the tingling excitement in the great dressmaking houses . . . be in at the birth of a new fashion . . . pick up expert, first-hand knowledge of future trends and influences.

**in NEW YORK . . .** *for the showings of American designers!* You can see the fresh chic of our American fashions—clothes that are in shops and stores throughout the country right *now* . . . synchronize to the new colors for Spring . . . catch the accessory news on the fly . . . discover the *uncommon* fashions that are easy on the purse.

**at HOME . . .** *for inspired, directed shopping!* You can know what's really new in line, color and fabric . . . what sterling fashions to look for and what fantasies to pass up. You can learn how to plan a wardrobe painlessly and intelligently with limited purse strings.

**You can do all this with . . .**

## Vogue's

**MARCH 1st ISSUE**

**"First reports of the Paris Openings and New York Fashions"**

**AT YOUR NEWSSTAND FEBRUARY 25th**



And don't forget that Vogue's March 15th issue will bring you a second complete report of the Paris Openings. Vogue is the only fashion magazine published twice every month.



# What are Your Windows Telling Your Neighbors?

Did you ever consider that your window curtains are the only part of your home's furnishings seen by the public? Do your curtains represent your taste? Are they different, individual, distinctive?



## QUAKER Net Curtains for Style and Distinction

So that you may have "that something new" for your windows, Quaker Net Curtains are made in over 900 different designs and meshes.

Do you want curtains of period designs? You will find them in Quaker Curtains.

Do you want the professional decorator's touch? Quaker Custom Built curtains are made to decorators' specifications.

In short, the name Quaker on a curtain insures you the new, the authentic, the distinctive in window curtains. See them at your favorite store.



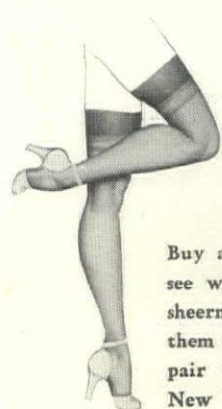
Send for Booklet

"Your windows—

How to curtain them"

This book will help solve your curtain problems. Over 50 illustrations of actual American homes. Send 10c to cover mailing costs.

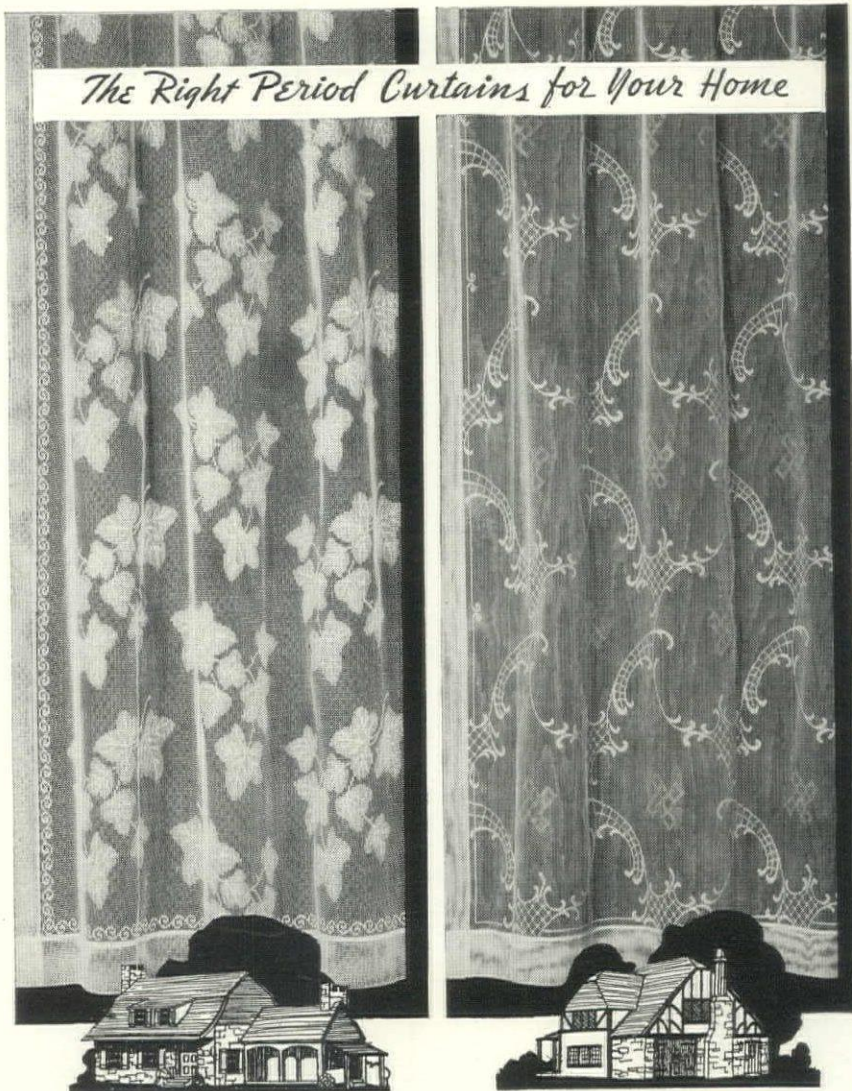
QUAKER LACE COMPANY, 330 Fifth Avenue, New York



*Legs are young  
in*  
**QUAKER**  
*Stockings*

Buy a pair of Quaker Stockings at your store and see what new glamour their high-twist dull-luster sheerness gives to your legs. If your dealer hasn't them send \$1.00 with your size and color for a trial pair to Quaker Hosiery Co., 330 Fifth Avenue, New York City.

### The Right Period Curtains for Your Home



**Early American (modernized):** This great popular style is authentically suited to rooms in the Early American manner and to summer homes and city apartments with an informal air. (One of many Quaker patterns.)

**18th Century English:** Inspired by designs of Chippendale, Sheraton, Hepplewhite. Suited to living rooms, dining rooms, bedrooms in the 18th Century English style; all Colonial rooms where a smart, luxurious look is desired.



## MADE by HAND



**HEIRLOOM** beauty for your dining room! The pieces as pictured are handmade of solid Mahogany, with a distinctive satin-like, antique finish.

**Biggs semi-annual sale offers these values:**

Duncan Phyfe Dining Table, \$175. Chippendale Side Chairs in muslin, ea. \$44. Chippendale Arm Chair in muslin, ea. \$52. The Andrews Sideboard, \$175. The Shaw Chest, \$142.50.

Send 10c for Semi-Annual Sale Booklet of Authentic Colonial Reproductions.

**BIGGS ANTIQUE COMPANY**

318 E. Franklin St., Richmond, Va.  
1217 Conn. Ave., Washington, D. C.  
221 Peachtree Street, Atlanta, Ga.



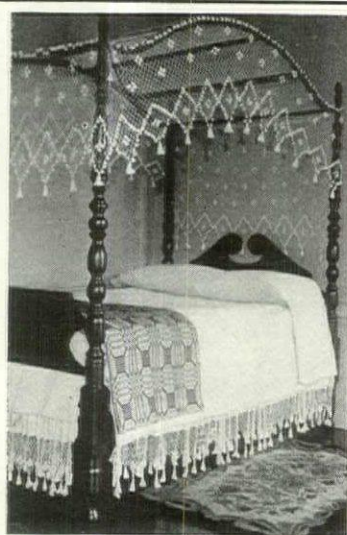
**Do Your Blotter Ends**

*In Needlepoint!*

~ a charming, new idea and so easy to work, you'll want to make them for gifts too. Patterns are floral, fruits, and Early American (illustrated). This latter will strike a man's fancy. Hand-painted canvas and yarn for the pair, \$9.75.

*Alice Maynard*

558 MADISON AVE., NEW YORK



**ROSEMONT RUGS  
AND CANOPIES**

Authentic reproduction of historic pieces; many designs from Metropolitan Museum rugs.

Write for **free booklet** showing prices and histories of the old designs.

**LAURA H. G. COPENHAVER**

"Rosemont" Marion, Virginia

**ASAM**

Cost  
No  
More

**WALLPAPERS**

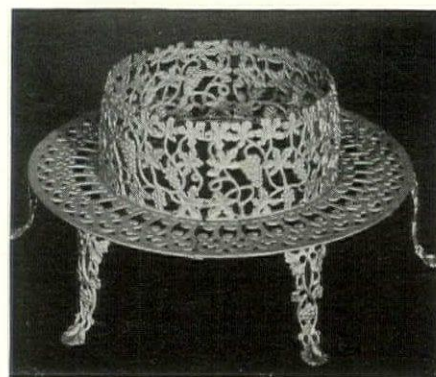
**PHILADELPHIA**  
PITTSBURGH • HARRISBURG • ALLENTOWN  
LANCASTER • POTTSVILLE • READING  
WILLIAMSPORT • CAMDEN

Most beautiful of the early American designs as well as historic events, artistically and authentically reproduced in a variety of background shades to harmonize with every color scheme.

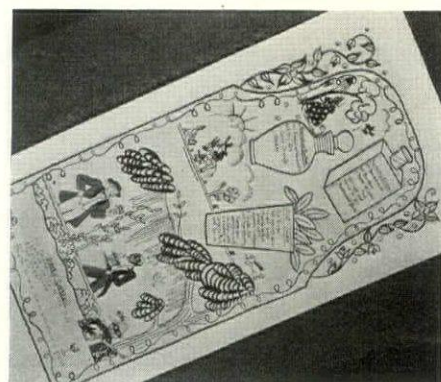
# SHOPPING



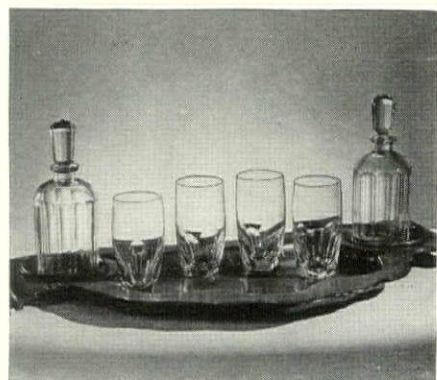
In Southern gardens, under those stately trees, there was always a romantic tree-trunk settee—and Scarlett herself might have graced this one. It's an authentic Charleston grapevine pattern, in elaborate wrought-iron of any color. Inside diameter 32"; outside 56"; 27½" high. It costs \$40 from Malcolm's, 524 N. Charles St., Baltimore, Maryland



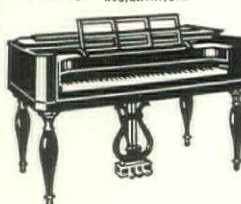
This bar towel speaks with a Southern accent, and is sure to capture the hearts of all who see it. For it's printed in gay colors, on natural linen, with Southern caricatures and recipes—traditional mint julep, planters' punch, and so on. Six assorted international designs cost \$5.50. Order them from McGibbon, 49 E. 57th Street, New York City



For a portly Jeeves, a butler's tray which curves gently at the back to accommodate his substantial contours. Two depressions at either end hold decanters, and there is ample room for ice bowl and glasses. In satiny walnut, the tray, 28" x 18", is \$15; decanters \$10 a pair; glasses \$24 a dozen. Earnshaw, 31 E. 61st Street, New York City



**The Spinnet Grand**  
REG. U.S. PAT. OFF.



The original and only authentic SPINETGRAND Piano—the Grand in Spinnet form.

Two outstanding pianos of Tonal Excellence, and Beauty of Design... lauded by the press, musicians and decorators.

Distinguished from all others by their Character, Grace and Beauty. Do not confuse them with the many substitutes.

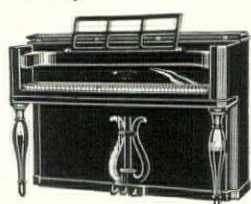
Only MATHUSHEK makes the SPINETGRAND.

Send for Booklet H

**MATHUSHEK**

Est. 1863  
43 West 57th St., N.Y.C.

**The Spinnet Cabinet**



The vertical in Spinnet form. Designed and fashioned after the original SPINETGRAND.

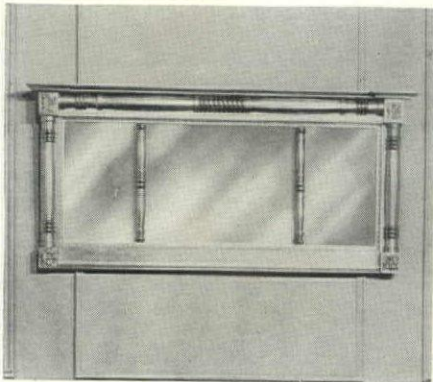


# AROUND

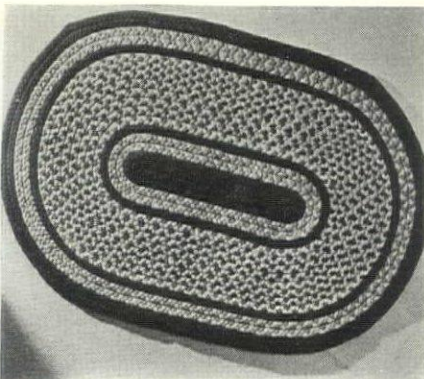
If you are interested in any of the things shown on these pages, kindly send your checks or money orders directly to the shops. In each case, the address of the shop is listed for your convenience.



Not "just dolls", George and Martha, but really historical documents, so accurately detailed are they. This is how they looked in 1797, when George was in retirement at Mount Vernon. George stands about 9" high, perfect to the last silver button; Martha, in pink silk, a little shorter. \$10 each, hand-made by Frieda Heinold, Clinton, Mass.



Over a gleaming mahogany sideboard, a long mirror will reflect your fine silver service. This hard-to-find shape measures 5' long, 27" high, and is made in an authentic Colonial pattern. The finish is genuine gold-leaf, and the mirror back is copper plate. Priced, in this length, at \$65. Biggs Antique, 316 E. Franklin Ave., Richmond, Va.



HAND-BRAIDED, hand-dyed rugs are some of the loveliest products of Colonial times. The same processes of dyeing and weaving are used now in making these colorful designs. This oval pattern is 24" x 36". Made up to match samples. The moderate prices, of course, vary with size and design. Old Sparhawk Mills, South Portland, Maine

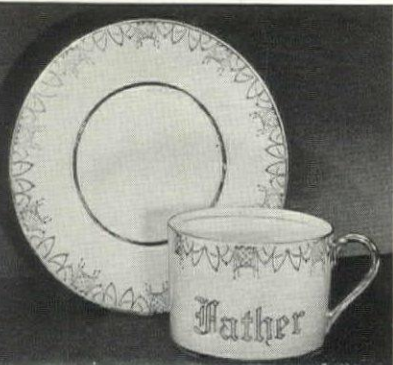
## For an EARLY AMERICAN BREAKFAST

Build a happy morning meal around a steaming cup of Java. Serve in a super-colossal cup of white china, quaintly decorated in 22 kt. gold. Lettered either "FATHER" or "MOTHER". \$2.00 each.

### RENDEZVOUS GIFT SHOP

Gift Counselors

(Dept. F) 523 Bangs Av., Asbury Park, N. J.



ENGLISH XVIII CENTURY SIDEROAD ILLUSTRATED IN A RECENT CATALOGUE

If You Cannot Attend Our Auction Sales—

'Shop' in Our Catalogues and Bid by Mail

Beautiful furniture, silver, rugs, books, and decorations, sold by order of discerning collectors, are yours at reasonable, competitive prices through our sales. One of our accurate illustrated catalogues will be sent on request. Estimates on pieces which interest you will be supplied, and mail or telephone bids faithfully executed.

**American Art Association—Anderson Galleries Inc**  
30 EAST FIFTY-SEVENTH STREET • NEW YORK

## CAPTURE THE CHARM OF COLONIAL TIMES

With



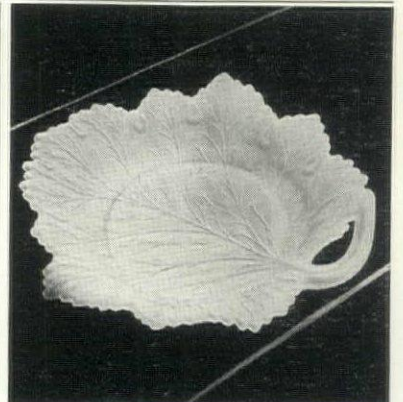
Illustration:  
Georgian  
Colonial  
Ceiling  
Fixture  
5 Lights—  
\$44.00

## B-K PERIOD FIXTURES

You will find Colonial Fixtures by Butler-Kohaus in homes of good taste throughout the country. Leading decorators and architects recommend them as ideal for adding beauty and charm to period settings.

B-K Period Fixtures are created in a number of craftshop styles or special designs can be fashioned to fit your individual needs. Home owners who appreciate finer appointments and who recognize unusual values will want to see the B-K Line before making any decisions. Send 10c in stamps or coin for latest catalog.

**BUTLER-KOHAUS, Inc.**  
2824 Olive Street, Saint Louis, Mo.



Any salad is attractive on this cool looking, frosted

## Leaf Salad Plate

at \$6.50 a dozen.

8" from stem to tip

Prepaid to any place in the U. S.

**Anderson's China Shop**

912 Nicollet Avenue  
Minneapolis, Minnesota

"The flowers that bloom  
in the Spring"

ON WALL-PAPER

• NEW DESIGNS •

**Nancy McClelland, Inc.**  
15 East 57th Street, New York



## Garden Ornaments

If you haven't visited our studios, we believe there's a real treat in store for you. Do come and browse around. See our collection of old world pieces—interesting rare antiques as well as newer choice selections in Marble, Bronze, Lead, Pompeian Stone and Galloway Pottery, ranging in price from \$5. to \$1500. We have been told it's the largest and most complete stock on display. Catalog on request.



### WALL FOUNTAIN

This charming wall fountain of Pompeian Stone is 39" wide 50" high projection 25" and costs \$100.

### Erkins Studios

123 East 24th St., New York



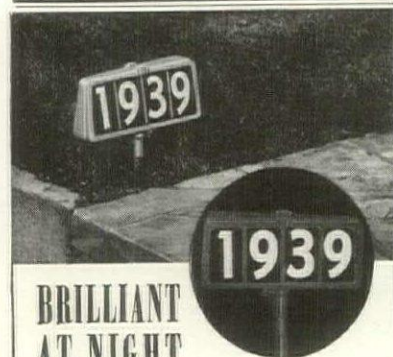
### YOUR GARDEN

Enhance its natural beauty with shapely, colorful Terra Cotta. Sun Dials, Jars, Vases, Benches, Gazing Globes, Bird Baths, etc. Send 10 cents in stamps for illustrated brochure.

ESTAB  
1810

### GALLOWAY POTTERY

3218 Walnut Street, Philadelphia  
On display, 123 East 24th St., N. Y. C.



### BRILLIANT AT NIGHT

### Distinguish YOUR HOME

with these new beautifully streamlined, scientifically designed two-way Reflector Lawn Numbers. Reflect auto headlights from both directions. Up to 5 digit numbers. Satisfaction guaranteed or money refunded. Sent prepaid with anchor post. Personal check O.K.

VANDAL-PROOF SPECIAL LOCK \$4.95 WEATHER-PROOF ANCHOR-POST

Specify house number with order

Address Dept. G3

CHARLES L. SHERMAN  
& COMPANY, SPRINGFIELD, ILLINOIS



"Get DOWN  
to earth  
and BACK  
in comfort"

with

## KNEElevator

TRADE MARK

### KNEELING-ELEVATOR

If you really work in your garden you are down on your knees much of the time—an effort most tiring unless you use a "KNEELEVATOR". Saves bodily fatigue—gives you real gardening enjoyment.

Scientifically constructed of selected cypress for strength and light weight, natural finish, green sponge rubber kneeling platform that opens and together with front trough provides ample space for small tools.

C.O.D. or Postpaid upon receipt of \$4.75  
GARDENALLS COMPANY-9 E. 57 St., N.Y.

### Help Save Our Feathered Friends



Standard Type  
ALL-METAL  
BIRD FEEDER  
Pat. Pend.

\$1.50 Postpaid  
U. S. A.

These Merry-go-Round Feeders Protect the Birds from Cats and other Bird Enemies.

Approved By Audubon Society

Neat—Emerald Green Enamel—  
Attractive

Automatic  
Type  
Self Feeding  
ALL-METAL  
BIRD FEEDER  
Pat. Pend.

\$2.75 Postpaid  
U. S. A.



Send for catalogue

CHAS. M. MITCHELL  
South Lancaster, Mass.



Inside My Garden Gate  
A looseleaf

### GARDEN NOTEBOOK

Arranged to assist you in making a personal record of your gardening, and your garden.

Subject index and 300 pages for notes, clippings, record of successes, blooms, and the growing habits of your plants. Invaluable to amateur or professional. A charming and thoughtful gift . . . or a beautiful and satisfying record book for your own garden notes.

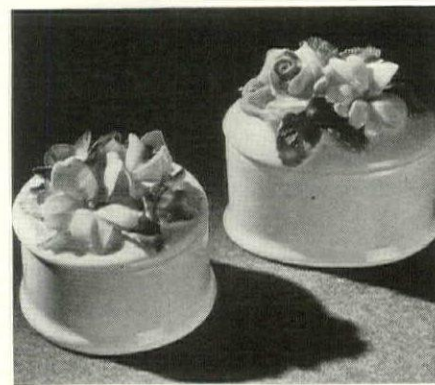
In dark green leatherette . . . \$3  
In beautiful hand-tooled leather . . . \$10

Order direct, postpaid  
Planned and arranged by  
JULIA A. LATIMER  
Horticulturist

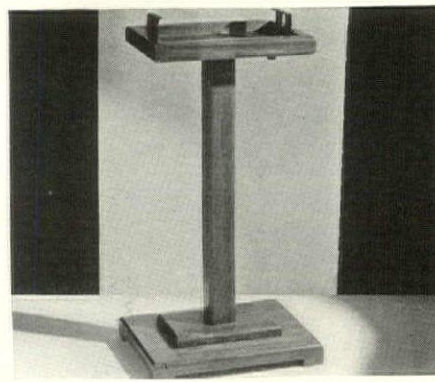
Harold Street, Mamaroneck, N. Y.

# SHOPPING

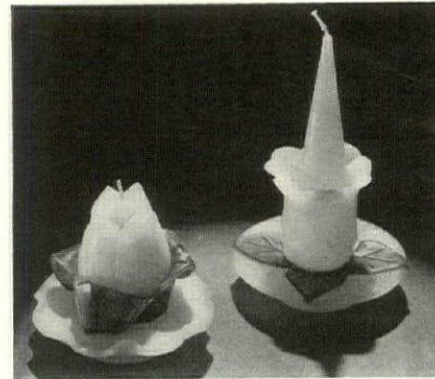
OUR feminine soul greets these little soul-made jars with cries of delight. They seem to bring the freshness of English gardens to a Yankee dressing table. The bases are white, of fine Crown Staffordshire, and the tiny bouquets are minutely accurate. The round one is 2" across; they cost \$3.75 each. Plummer, 7 E. 35th St., N. Y. C.



PROBABLY you need no introduction to Holdafone, the handy stand that holds your telephone securely, saves you countless steps. This light model (5 lbs.) has just been designed for the new square-base phones, and will not tip over. Wood is walnut-finished; metal clamps match your phone in color. \$5.95. Holdafone, 2245 Court, Memphis



HERE'S a really new idea for your Spring dinner tables—candles made in the shape of flowers. Trumpet flower and tulip are pale yellow with white base, pale green leaves, almost transparent when lighted. Also in blue, red or all-white. 5" to 6" high; trumpet flower \$2.75, tulip \$2.25 from The Lennox Shop, 1127 Broadway, Hewlett, N. Y.



MARCH comes in, not like a lion, but with head tied up in a duster, sweeping its way through houses in a frenzy of Spring cleaning. You'll be swept along too, so get that peer of polishes, Patina Jackson of London. Giving your furniture a fine luster, it's \$1 a jar (\$1.50 double size), from Mrs. Jackson's Studio, 35 W. 58th St., New York City



### Iron Foot Scrapers

101 102 103 104 105

PUSH DOWN IN EARTH  
A Gift for Dog Enthusiasts

101 Iron Scotty 102 Cocker Spaniel 103 Iron Dachshunde  
104 Wire Hair Terrier 105 Tabby Cat

Life-like size. Stand 10 inches above ground. \$3.00 postpaid. Two for \$5.00. C.O.D. if desired. Money back in full if "puppy" disappoints you in any of his "manners". Name or house number inscribed in silver letters \$1.00 extra.

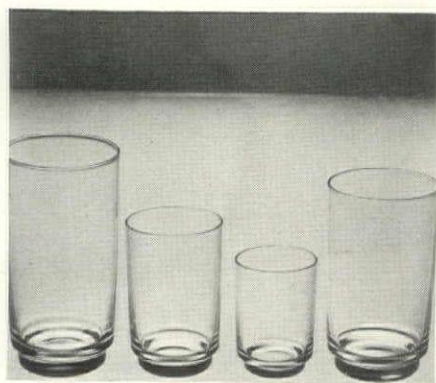
202 201

BELL GARDEN INDUSTRIES  
Dept. A, 3963 Olive Blvd., St. Louis, Mo. Weathervane \$32.00

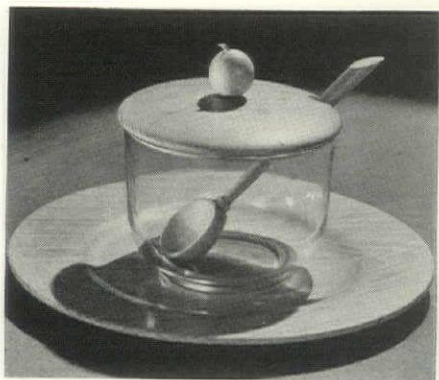
Any type dog \$15.00



# AROUND



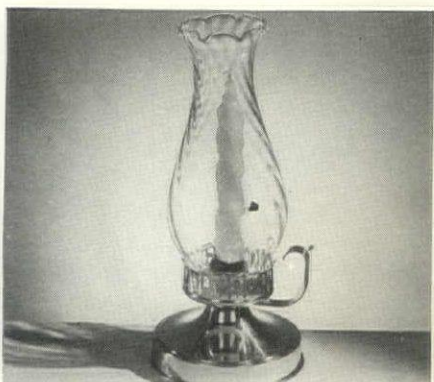
MODERN glassware, we think, is, oddly enough, one of the hardest things to find, relying as it must on smooth line and perfect proportion alone. Blue ribbon, then, to this group—clear and thin, but with good heavy bases. The 3-oz. size, \$1.75 a dozen; 5-oz., \$2; 10-oz., \$2.75; 12-oz., \$3. From Gordon Waldron, 620 Fifth Avenue, in New York City



STANDBY of a good cocktail party is that delicious cottage-cheese-and-chopped-chive mixture—and very inviting served in a crystal bowl like this one. It's 6" high, the tray 12" across; tray, jar top and server are of light rubbed oak, matching your modern furniture. The price is \$4.50, and you order it from Neiman-Marcus, Dallas, Tex.



We preview with alarm the multitude of tired feet which the World's Fair will bring forth, and do our helpful bit by giving you "Cheerio" sticks, a light comfortable version of the polo seat. When open, the seat is 15" wide, 28" high. In chrome and leather, \$5; black metal and leatherette, \$3. Lewis & Conger, 6th Ave. and 45th St., N. Y. C.



SUMMER is not, at the moment, by any means in the air, but think longingly now about supper on the terrace on a still June night. It's not so far in the future when you see this Colonial hurricane lamp—bright solid brass, with swirled glass chimney. 10 1/4" high, complete with candle. Believe it or not, \$1.25 from Yale Barn, E. Canaan, Conn.

**"Old Sparhawk" Genuine Hand-Braided Rugs**

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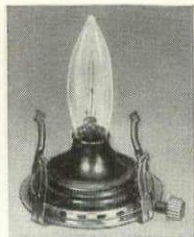
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Chinese Bamboo Rattan Chair  
Seat 17" by 18½"; height 30".  
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Seat 31" by 20"; 27" high.  
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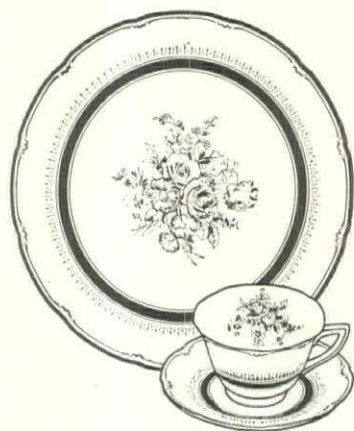
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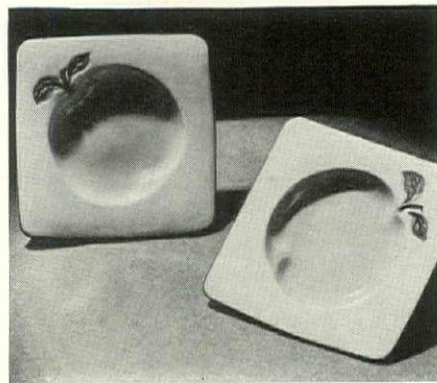
America's largest retail selection at lowest prices of open stock English Bone China. *New dinnerware booklet will be sent on request.*

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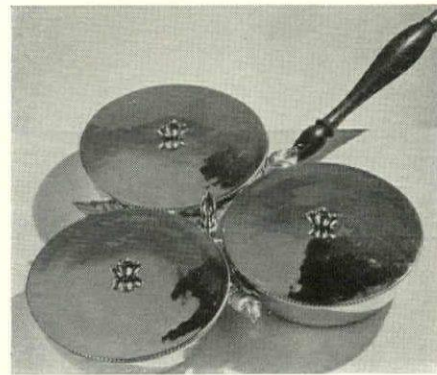
11 KING ST. E., HAMILTON, CANADA

# SHOPPING

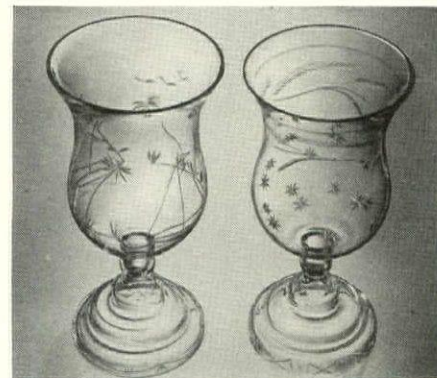
THAT vogue for fruity accessories goes on—and here are ashtrays which for delicate simplicity top any we've seen. Fine white Chelsea bone china with green edges; the apple centers are pink, yellow, green and tan. 4¼" square, they cost \$1 each or \$4 a set of four assorted colors. From the Rendezvous Gift Shop, Asbury Park, New Jersey



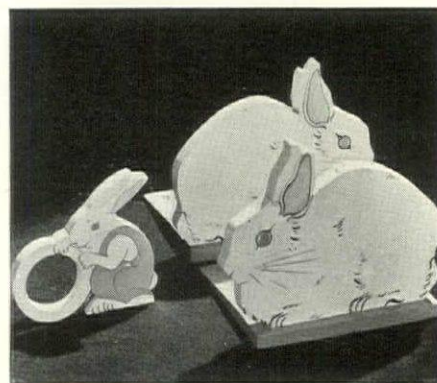
HOT hors d'œuvres, we feel, are indispensable to a good party, no matter how small. You can serve three varieties in this triple hors d'œuvre dish; generous servings, because each dish is 5" across. Of heat-resisting, non-tarnishable Argental, it has a walnut handle, is priced at \$15.50 from Madolin Mapelsden, 825 Lexington Ave., New York City



HURRICANES de luxe, for an antique sideboard or the most formal of white-iron terrace groups. These are new in shape, of fine crystal with either star and wheat spray design or palm tree and sailboat. They stand 11" high, and, in either pattern, are \$4.95 a pair. Order them from Scully & Scully, 506 Park Avenue, New York City



THESE helpful rabbits do their part in keeping the nursery neat as a pin. Two as bookends support library of picture books, and the little one is a napkin ring. They are cut out of wood and painted white, and wear pink or blue trousers. Bookends \$2 a pair, napkin ring 60c. All come from Isabel Sheen, The Handicraft Shop, Bristol, Virginia



**K. PLATT**



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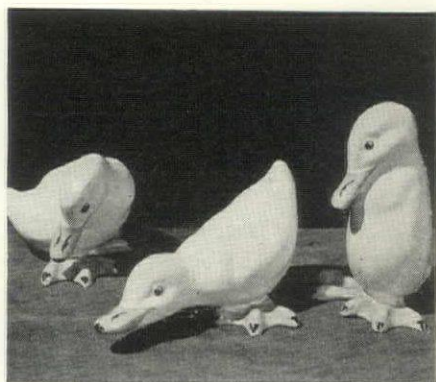
**REFLECTO LETTERS CO., Dept. H-3, 110 West 27 St., New York**



# AROUND



You may not believe your eyes, but the ruler in the foreground tells you true—this miniature service is only 3 inches long! Made of sterling silver, the little waterjug and mugs are in George II style, the waiter is after a George III original. The waterjug, \$9; the mugs \$3 each, and the waiter \$2.75. James Robinson, 731 5th Avenue, N. Y. C.



At sight of these, we refrain with effort from making the classic remark about purchasing ducks, for who could help wanting to! They are really the most barnyard we've seen—in white pottery, with clean little yellow bills. The tall one is about 5" high, and the price is \$1 each. Order them from Ruth Berlin, at 437 Madison Avenue, New York City



THE old custom of afternoon sherry-sipping becomes more and more of a modern fine art. We commend these glasses, in a new silhouette, long and shapely, and with an extraordinary capacity for nice reflections. They are clear, heavy Finnish crystal, and cost \$9.60 a dozen. You can order them from Ardrian Studios, Nashua, New Hampshire



MARCH is the muddiest month of all, and to protect your floors and rugs a foot scraper is indicated. This iron wire-haired stands 10" high when pushed into the ground or set in cement; also comes with a screw-down base. Costs \$3, and name or house number is inscribed for \$1 extra. Bell Garden Industries, 3963 Olive Blvd., St. Louis, Mo.



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"Japanese Orthodox Flower Arrangement" of the Misho and Saga Schools.  
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ILLUSTRATIONS

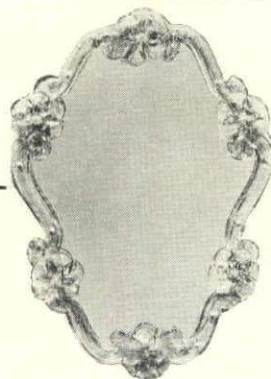


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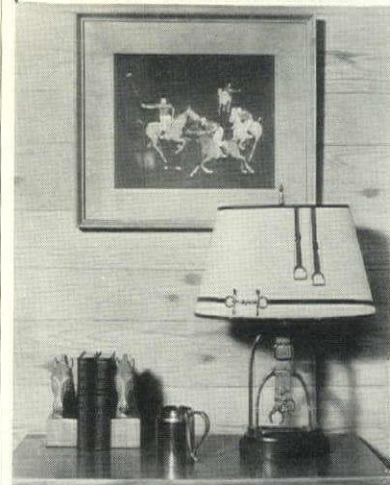
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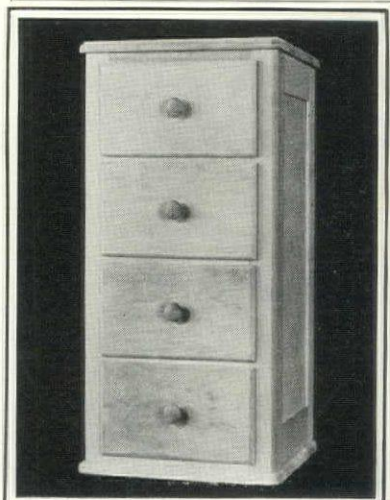
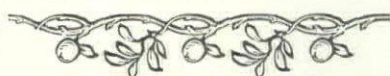
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By GORDON DUNTHORNE, M.A. (Oxon.)

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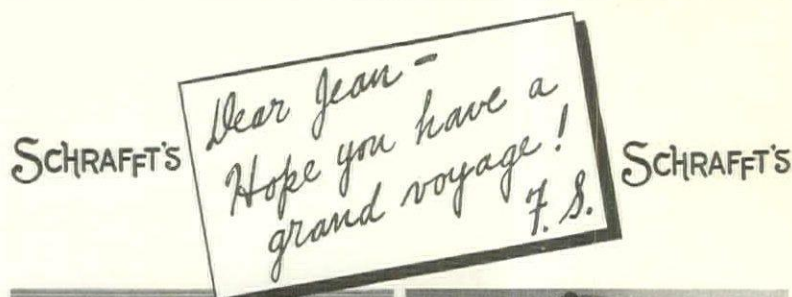
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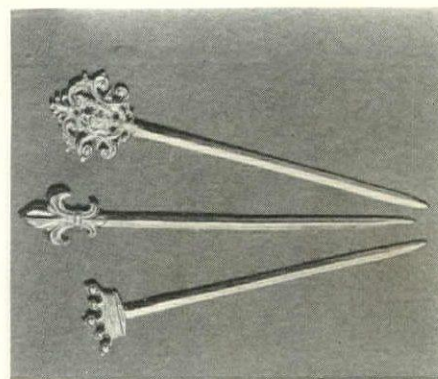
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**ROYAL TEA.** It wasn't Twining's Teas that were dumped in Boston Harbor that ill-fated day, but rebels and Tories alike enjoyed them of a cold Colonial morning. The great-grandson of the original Twining was privileged to take tea with General Washington in May, 1796—and today Twining's Teas are first in the hearts of both British and American tea-drinkers. The oldest tea house in England blends, as you see, for many members of the royal family—and if you'd like to enjoy the same blends, here's your chance. "Queen Mary's Tea", for instance, is a Darjeeling hill-grown tea with a real Muscatel flavor—it's \$2.50 a pound. "Prince of Wales Tea" is now the morning cup of the Duke and Duchess of Windsor—a Keemun China tea, also at \$2.50 a pound. "Earl Grey's China Tea" is a blend of exquisite scent at \$2 a pound. Maison Glass, 15 E. 47th St., N. Y. C.



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An outing kit that contains two quart-size thermos bottles each with four cups and a sandwich box neatly titted in a pigskin-like case. **Complete \$6.95**

Or OUTING KIT JR. that contains one thermos bottle 1 1/2 pint size with three cups and sandwich box in a pigskin-like case. **Complete \$3.95**

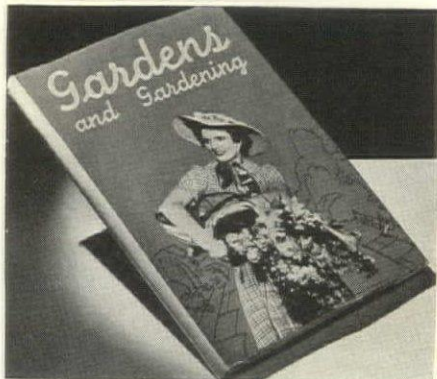
On the FAIR-way; VISIT The Smart Gift Shop of New York © N.Y.W.F.

*Scully & Scully, Inc.*  
506 PARK AVENUE, NEW YORK  
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# AROUND

**SEAFOOD FOR LENT.** Lent is meant to "subdue the flesh" and, perversely, we're always trying to think of ways to get around the annoying limitations of a Lenten menu. The "Chef d'Orleans" line of soups offers one tempting solution—full-flavored concoctions following traditional New Orleans recipes. Particularly worthy of mention are three varieties: Creole Gumbo, of shrimp and crabmeat, Turtle Soup Southern Style, and Crawfish Bisque. An assortment of four 10 oz. cans of each costs \$3.60 from New Orleans Delicacies, 3001 Coliseum Street, New Orleans, La.



**GARDEN ANNUAL.** Since Spring is still in the making, as far as actual garden work goes, now's the time to build castles in the air—in other words, to make your garden plan. Much inspiration along these lines is offered by the Studio Publications' new annual—"Gardens and Gardening 1939". Edited by F. A. Mercer, this volume contains over 400 illustrations of garden designs and plans from the United States, Great Britain, France, Germany, Italy, Sweden, Holland and Belgium. All types of planning problems are discussed, from rock gardens and pools, through borders and path planting, even to garden furniture and appliances. Foremost experts in garden planning offer their views on gardens of today and tomorrow. And a special section is devoted to unusual vegetables, how to grow them and continental recipes for cooking them. A lot of material in little space; paper \$3.50, cloth \$4.50. The Studio Publications, 381 4th Ave., N. Y. C.

**ORIGINAL NEW ORLEANS.** That graceful magazine rack shown on page 8 of our January issue turns out to be even more unusual than we knew. It was of wrought iron in green-bronze finish, you remember, and we thought that, since all the iron in the South was melted down to provide ammunition for the boys in gray, this must be a perfect reproduction made from original molds. Whereas it is an original, actually made from existing fragments of the exquisite ironwork that made the lace-like balconies of New Orleans! So you who ordered them have actually a "Fragment of Old New Orleans" to grace your homes. These and other authentic New Orleans pieces are offered by Hinderer's Iron Works, 1607 Prytania Street, New Orleans, La.

## SERVE THE PIE—IN SILVER



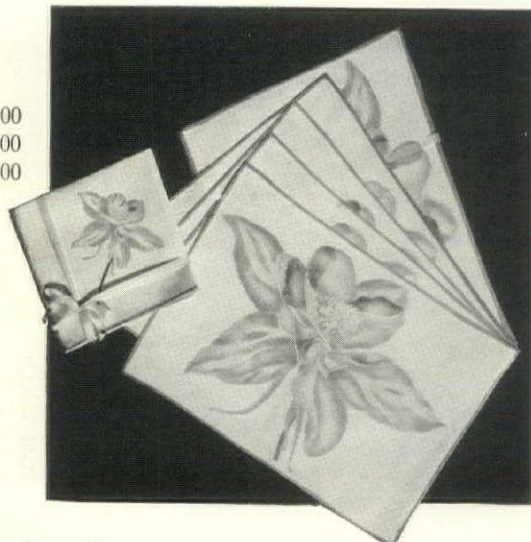
Shipping charge prepaid in adjoining states. Otherwise collect. **\$7.95**

Setting for a masterpiece, this rimmed and footed pie plate holder, in silverware, with gadroon edge. Alone, the large, round silverware dish, 12¾" in diameter, which is heavily plated on copper, can be used to serve ice cream, any dessert or molded salad. It comes complete with a standard 10½" pyrex pie plate.

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## Perpetuating the Flower Show

The new vogue for larger designs finds its perfect expression in this hand-blocked luncheon set, which we shall introduce at the New York Flower Show.

Designed by an eminent artist, the original loveliness of the columbine is faithfully reproduced by skilful hand blocking in delicate shades.

Two color combinations, both on cream colored linen with gray shading: Copenhagen Blue, or Sunset Pink.

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## NIGHT-FLIGHT CASE...

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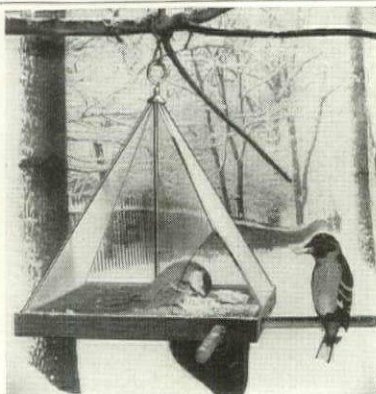
\$14.00 undecorated

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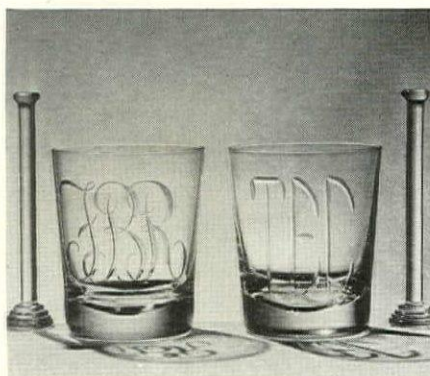
Marion Dept. HG. Virginia

# SHOPPING AROUND

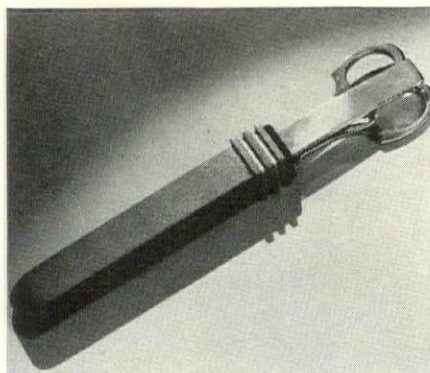
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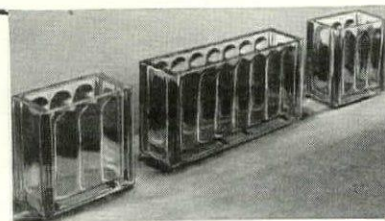
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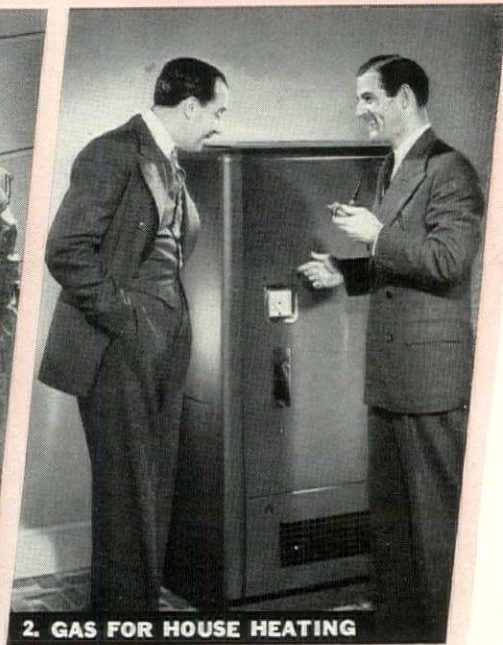
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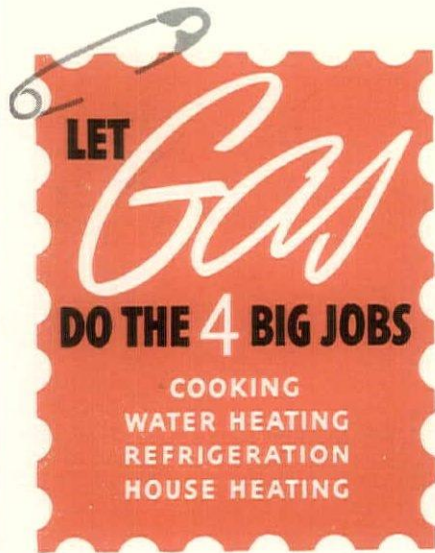
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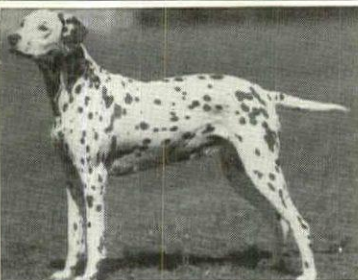
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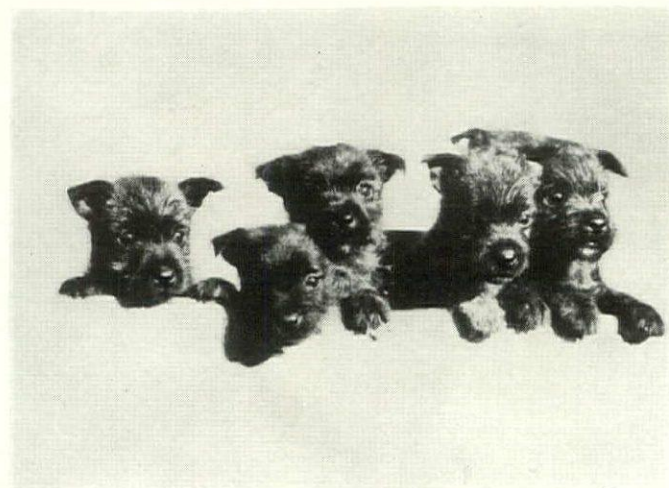
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It used to be the fox that provided the Cairn with some fun and a goodly amount of work as well. Right now, it seems that neither fox nor rabbit could phase these young ones at the Cluaran Kennels

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Most of all, the Cairn is a great little house dog. He requires little or no trimming or grooming. Unusually devoted to his own home and to its master, mistress and children, the Cairn will tolerate family friends, but gives his affection to those whose companion he is day after day. As is the case with all Terriers, the Cairn is an exuberant, gay small dog with just enough dash and spirit. He is blest with a sharp hearing, and it is remarkable to see how soon he distinguishes between the unwelcome intruder and the delivery boy.

We have been watching several Cairns in Obedience Test Classes these few show seasons just passed. Some of those who have never owned a Cairn marvel at his proclivities and his quiet, well-mannered enthusiasm as he waits for various commands. Cairn fanciers know of the breed's easy tractability. The breadth of his skull gives him room for brains and, with a little encouragement, he will develop those brains to a point limited only by (Continued on page 20)



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Right: A Dalhousie Kerry at six months



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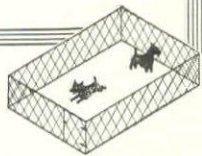


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# DOG MART

(CONTINUED FROM PAGE 19)

the will and patience of his master. It is the Cairn's natural heritage to obey and, even with the small puppy, there is a pathetic eagerness to do what is wanted of him.

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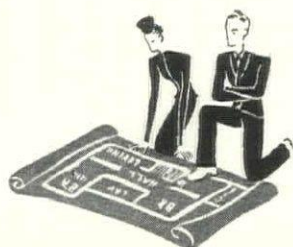
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*Just write to the addresses given for any of the interesting booklets listed here and in Section II. They're free unless otherwise specified.*

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THE GREAT WHITE FLEET'S new folder maps out exciting winter cruises to the Caribbean and West Indies. It's packed with pictures of some of the places you'll visit, scenes aboard ship, and valuable information to help you plan your cruise. UNITED FRUIT CO., DEPT. G-3, PIER 3, NO. RIVER, N. Y. C.

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## Gardening

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FLOWERING TREES of the Orient is an authentic history and description of the Japanese Roseflowering and Weeping Cherry, Flowering Crabapple, hardy Magnolia, and other unusual decorative trees; price 20c. "Oriental Wistaria for the American Garden" is another fascinating booklet; price 10c. Free descriptive price lists are available. WOHLERT NURSERIES, PENN VALLEY, NARBERTH, PA.

DREER'S GARDEN BOOK for 1939 includes specialties, novelties and old standbys, in a comprehensive catalog that covers both Flowers and Vegetables and includes informative cultural notes compiled by a seed house that is over a century old. H. A. DREER, 332 DREER BLDG., PHILADELPHIA, PA.

A BOOK FOR GARDEN LOVERS is the well-known Schling catalog of 104 pages, offering everything worth planting in your 1939 garden. It includes a fine collection of summer-flowering Bulbs, and many novelties. Price 35c. MAX SCHLING SEEDSMEN, MADISON AVE. AT 59TH ST., NEW YORK CITY.

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THE FLOWER GARDEN, which features the novelties of 1939—and shows them in all their exciting color array—is not merely a satisfying catalog of fine flower seeds, but a helpful guide to garden planning and planting. CARL GIESSLER, DEPT. G-3, 745 MADISON AVE., NEW YORK CITY.

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GREEN GOLD is "must" reading for all who own fine trees. It tells how expert dendricians treat disorders and diseases, and how they feed, spray and perform surgical operations on trees. It shows some of the historic trees preserved by Bartlett. F. A. BARTLETT TREE EXPERT CO., DEPT. G-3, STAMFORD, CONN.

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A BEAUTIFUL LAWN. Brief and interesting pointers on what you should know about soil, seed, watering and mowing to make your lawn really beautiful. ECLIPSE LAWN MOWER CO., DEPT. HG-3, PROPHETSTOWN, ILLINOIS.



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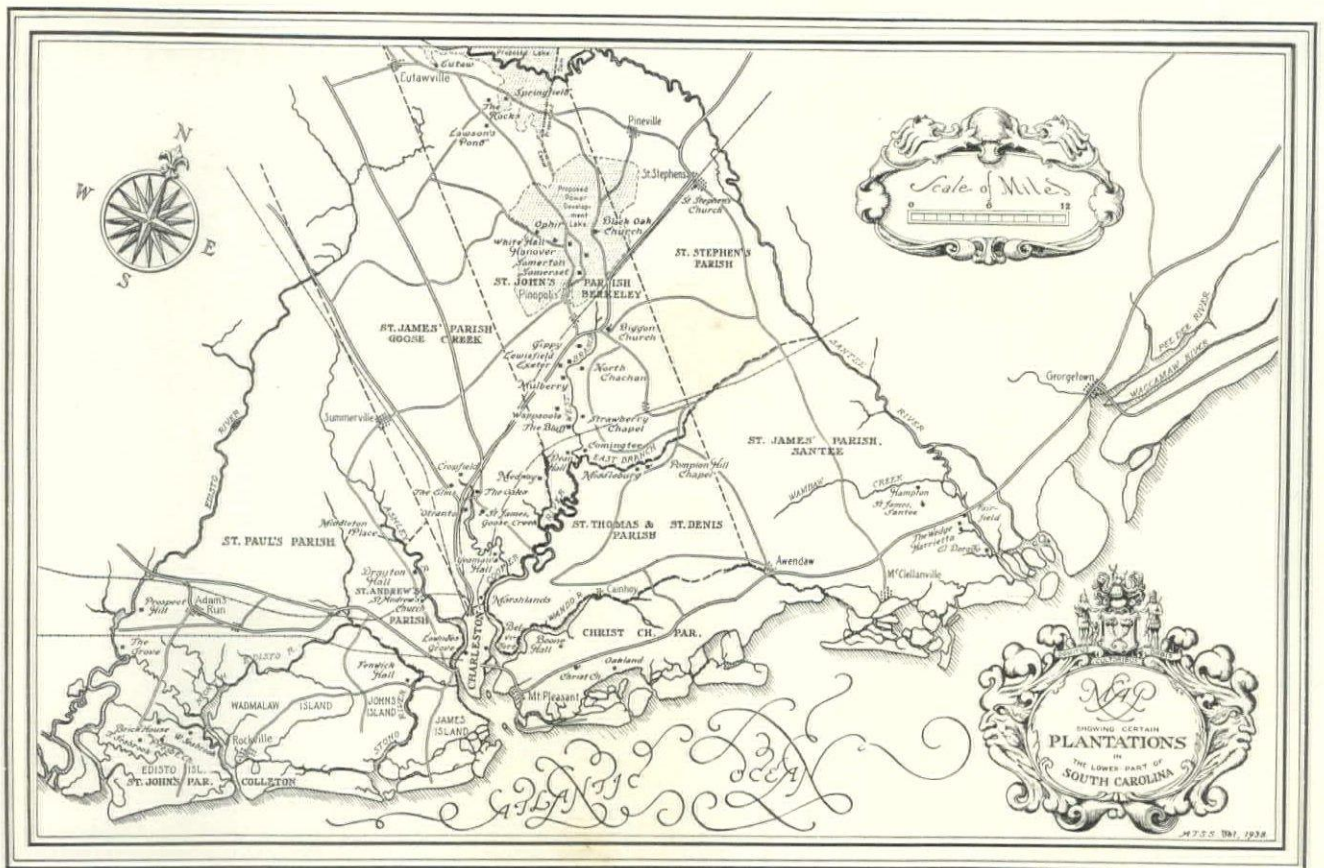
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*Percale Sheets*

THE FEEL OF SILK—THE STRENGTH OF LINEN





# HOUSE & GARDEN

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MARCH, SECTION I, CONTENTS

THE MAP OF THE PLANTATIONS shown above presents some of the better known estates of the South Carolina low country. It also shows their geographical relation to the city of Charleston. We are indebted to the Carolina Art Association, publishers and editors of that fine new book entitled "Plantations of the South Carolina Low Country" for permission to reproduce this map, as well as the photographs by Frances Benjamin Johnston which appear on other pages of this issue.

THE COVER of this issue is a striking view of St. Michael's Church, which might be called a spiritual center of Charleston. It is from a kodachrome by Maxwell W. Coplan.

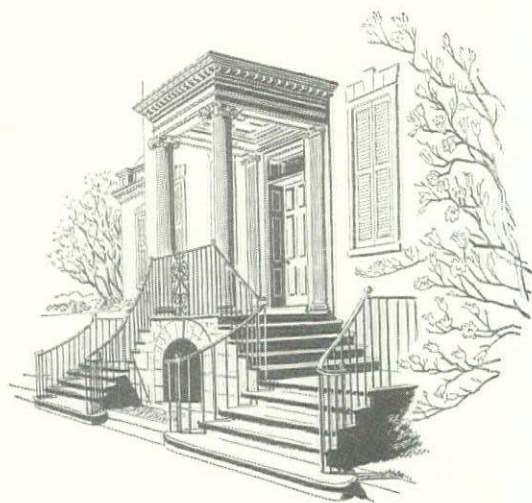
Richardson Wright, EDITOR-IN-CHIEF

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FIFTH AVENUE

NEW YORK



# THE BULLETIN BOARD

**ANCESTRAL AZALEAS.** The Mobile Azalea Trail, which so many will be visiting from late February and during the next six weeks, is the product of an idea about 185 years old. Fifise Langlois, a Mobilian from France, on a visit to his native country was astounded by the beauty of the azaleas blooming in the garden of his grandparents in Toulouse. He brought three varieties back with him and thus the first few yards of the Mobile Trail were planted. Ever since then the plantings have increased and new types, Kurume azaleas especially, have been added, together with camellias and other tender flowering shrubs.



**MAD ABOUT PEAS.** We who are blessed with the best of canned peas will smile indulgently at those ladies of the French court who ate peas both publicly and privately. A letter of Madame de Maintenon, written on May 10, 1696, reports:

"The subject of Peas continues to absorb all others, the anxiety to eat them, the pleasure of having eaten them, and the desire to eat them again, are the three great matters which have been discussed by our Princes for four days past. Some ladies, even after having supped at the Royal table, and well supped too, returning to their own homes, at the risk of suffering from indigestion, will again eat peas before going to bed. It is both a fashion and a madness."

**THEY DON'T LIKE CHANGE.** The public are a perverse and sentimental lot. They cling to their old street names, no matter how fancy. The new names town fathers give the old streets do not interest them. In Oyster Bay, L. I., was a Poverty Hollow Road that now bears some high falutin' title. You can tell old residents from new-comers by what they call it. Rockville, Md., for generations had a Monkey Run Street. It pierces the heart of the colored district. Today it bears a more dignified official name, but the natives still cling to Monkey Run.

At one time in Philadelphia, Lamb's Tavern Road ran northwest from Broad Street through a district called Swampoodle and there met Shirt-Tail Row. Today they would probably be hard to find. A Philadelphia official writes us that Swampoodle lies from Lehigh to Alleghany Avenues between 22nd and 27th Streets. Philadelphia, he says, also has a Brewerytown and a Fish-town and a district known to the police as Reading Hose and Hivers.

## DAHLIAS

They grow here  
Beside the nettle-greens of Autumn gardens,  
Dark-red as wine the sea-kings pour from  
galleys,  
Yellow as breasts the halcyons show the  
foam,  
And pink as clouds the early fisherman  
Lifts nets to look at;  
As in the gardens that were Atlas's  
Before the pride of his descendants made  
Atlantis but a name, the petal-clustered—  
Large as the shields that turned the beaks  
of cranes!

PADRAIC COLUM



**MR. DOZ AND HIS WIFE.** One day in 1685 William Penn sharpened his quill and began scratching a letter to his agent in Pennsylvania. "Be regardful to Andrew Doz, the French man, he is hott, but I think honest and his wife a pretty woman in her disposition."

That might be called the first letter of recommendation given a gardener in America. Andrew Doz and his wife Anna were among the Huguenot exiles naturalized by letters patent at Westminster in March 1682. He was a "vigneron", an expert on grape vines. Penn had a notion that his new colony would make its fortune from wine. For his own share he planted a vineyard of 200 acres on the east bank of the Schuylkill north of Fairmount on what is now Lemon Hill. There the terrible-tempered Andrew Doz and his pretty wife were installed to tend the vines and press the grapes.



**MIDGET CORN.** On the hill behind us a farmer has worked his acres these many years. He is a wifeless, solitary man. Once we asked him if he ever felt lonely. "Not while I'm plowin'," he answered. "Then I can stop and look down the valley and see other folks' houses. But golly, Mister, it's lonely when the corn gets high."

We thought of him the other day when reports came in from Wisley, the great test garden of the Royal Horticultural Society. Last year they made experimental plantings of American sweet corn. Golden Early Market reached 2½', Golden Cross Bantam 3' and our old favorite Golden Bantam, which runs up to 6' with us, was given a commendation by the British when it topped 4'. English farmers will never know what it is to be lonely in the corn.

**BIG SHOWS.** Put on your calendar of "must" dates the fact that the International Flower Show in New York opens Monday, March 13th, the Boston Show Thursday, March 16th and the Philadelphia, Monday, March 20th. The St. Louis show runs from March 18th to April 2nd and Detroit, the same. And while we are in good announcing form, we would like to proclaim the pilgrimage of the Garden Club of Georgia from March 22nd to April 3rd. Further information can be had from Mrs. Reginald S. Fleet, 80 West Wesley Road, Atlanta, Georgia.

## PINE CONES AND SEED PODS

As I fondly gaze upon the beauty and feel the warmth of brown cones and seed pods, I dread not the bleakness nor grey of Winter days  
Remembering Summer and the last breath of Autumn's warm rays  
And before the chill of Winter sets in  
The Greenness of a new Spring begins.

HELEN WILSON WOLFGRAM

**ST. FRANCIS' SNOWDROP.** We read so much of St. Francis blessing wild animals—Brother Fox and the others—that we may forget he also blessed the snowdrop, which he called the emblem of hope. In his beloved Umbria snowdrops bloom abundantly in the Springtime.

He also is said to have frustrated the Devil one night by rolling in a rose bush. We hope that it wasn't too thorny . . . perhaps it was something gentle, like *Rosa moschata*.





FOR DESCRIPTION SEE PAGE 46

PHOTOGRAPHED AT B. ALTMAN BY ANTON BRUEHL • CONDÉ NAST ENGRAVING

*Old Charleston imparts its measured richness, its leisurely charm to this drawing room*



# Charles-Town

*Its rich heritage of noble houses, fine gardens and mellow living  
in a soft climate remains with us today*

THE atmosphere of Charleston is like one of those aromatic liqueurs that is compounded of innumerable spices brought from nearby fields and far lands, slowly distilled over many fires, aged by slow-passing time and now kept in a flagon of rare beauty.

Since that far-off day when the first English settlers came to the west bank of the Ashley River, there have been added several layers of racial culture. Dutch from New Amsterdam appeared first, then Huguenot French "purged" from their homeland by the Revocation of the Edict of Nantes. Germans and Swiss followed, emigrants from nearby Virginia, Acadians from Nova Scotia. French were cast upon these hospitable South Carolina shores by the Revolution, aristocrat and commoner alike, and, by the following wave from troubles in Santo Domingo and Haiti, French Colonial planters. Finally, in these later years, have come people from the North who appreciate the beauty of the town and its outlying plantations and find sanity of living in the slow, dignified ways that soon enfold them.

The major part of the first settlers, lured by the assurance that this was "the most amiable country of the Universe", arrived with the purpose of cultivating the soil. To do the common labor, after the custom of the times, came rank on rank of slaves from the fetid Gold Coast, bartered there for Medford rum and brought in Yankee ships before the days when New England went abolitionist and developed its famous conscience. On the flat, sandy plantations of the Ashley and Cooper Rivers, the vine was planted, then indigo and rice, destined to be the colony's main crops for many years, and, in the deeper country and the islands offshore, cotton.

In 1680 Charles-Town was established, a palisaded city. Behind its walls and outside them the city fathers set to reclaiming the land, like the Dutch, from the encroaching sea. It soon became the thriving commercial and shipping metropolis for the crops raised on the plantations and, within a few years, a center of culture.

Less than half a century after the town was staked out, the first strolling English player, Tony Ashton, stepped ashore, to the delight of the inhabitants—the first of a long line of stage folk who were to make Charleston a lively center of the theatre, so well attended that it eventually could support both an English and a French company. The present Dock Street Theater recalls those diverting days.

Lured by legends of this "Paradise with all her Virgin Beauties" came men who sought new plants for the awakening gardens of England. Mark Catesby and later John Bartram and the Michaux, father and son. Sixty years after Charles-Town was founded, a local physician set pen to writing "The Natural History of North Carolina", in which flowers, trees and bushes of the Charles-Town area were extolled. Before 1750 the first garden, "a large, handsome flower and kitchen garden upon the European plan", was planted by Mrs. Lamboll. Five years later Henry Laurens was enriching his four-acre town lot "with everything useful and ornamental that Carolina produced". The Revolutionary War was scarce begun when Mrs. Logan of Charles-Town wrote the first American gardener's calendar.

There were other cultural outcroppings early in the town's history. In 1748 the Charles-Town Library Society was founded. Its first theatre was built in 1734 and the year before that the first dancing school was opened at the playhouse by Mr. Henry Holt "lately arrived in the Province". At about the same time a merchant was advertising in the *South Carolina Gazette* "Lately Imported Brocaded Stuffs, Women's Short Cloaks, Men's Scarlet Great Coats, whole suits and single Fly Coats of Broad Clothe, Head Flowers in Boxes, laces, edgings". Presumably the ladies wore the "Head Flowers" and laces when they attended the theatre or the concerts, balls and assemblies of the St. Cecilia Society.

Wealth from the commerce of the town and from the plantation crops made possible the building of stately homes within the city limits as well as the larger houses and their villages of out-buildings on the country estates. In the warm climate a slow-moving and luxuriant life developed, supported by innumerable house servants and yard boys who spoke—as they speak today—the opulent Gullah patois.

Philadelphia excepted, it became the most important cultural center of America, and by the close of the Colonial period was said to be the gayest, politest and richest place in America "in the conveniences of luxury".

Because Charleston has made and is still making so rich a contribution to the architectural and garden beauty of America, HOUSE & GARDEN is devoting the major part of this issue to displaying examples of that richness. Its editors have gone there—walked its streets and wandered about the outlying plantations—until they were saturated with the Charleston atmosphere.

RICHARDSON WRIGHT

*On the next twenty-two pages, we pay our tribute to the  
historical grandeur of Charleston*



# Plantation Houses

*The saga of Charleston's glory is  
told in these great river estates*

FROM earliest times, Carolina was a plantation country. Its founder, Sir Anthony Ashley-Cooper, whose name was given to the two main rivers, discovered that rice thrived in the low fresh-water swamps. And almost immediately the vast plantations sprang into being with the houses, system and way of life which were to mold the Charleston pattern for two centuries.

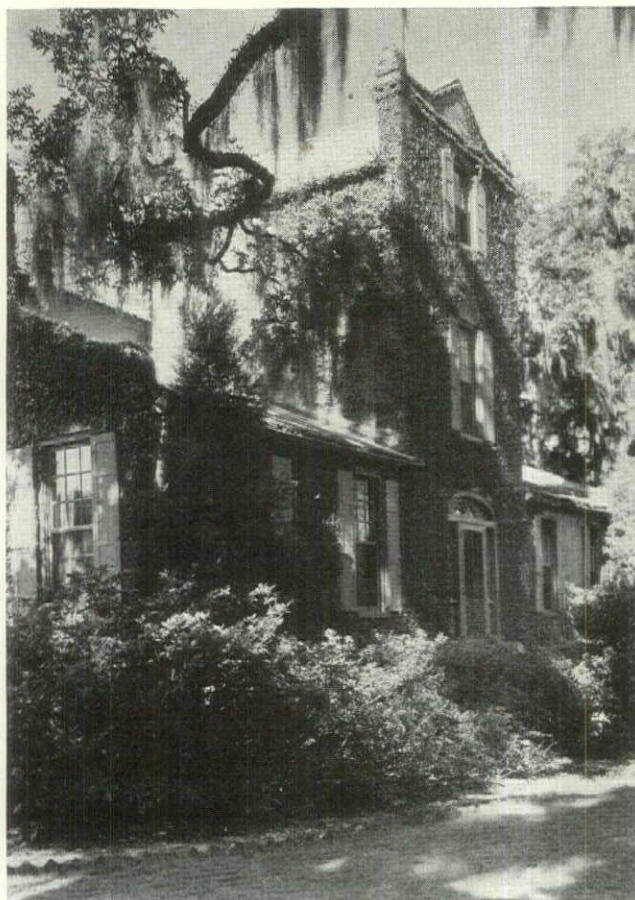
The system is gone. Many of the old houses have succumbed to fire, earthquakes, or war. But many remain to charm us and recall past splendors. On the five following pages, we show nine of these houses, built over a period of a hundred and fifty years.

These houses, each once the center of its own little world, are remarkable even today for their fine proportions and excellent Georgian detail. Similar in general

plan, each had its broad, cool halls, its high ceilings, its pleasant river view. As the families grew, many owners added separate wings in the style of the main house. These flankers are still peculiarly characteristic of the Carolina Low Country.

As the houses varied little in essence, so did the plan of the estates. Around the main hall were outbuildings: the stables, smokehouse, well house, overseer's house, offices, and slaves' quarters. Beyond were elaborate flower and vegetable gardens, and meadows sloping down to rich, green rice fields by the river.

Thus these plantations, drawing their wealth from the same sources, patterning their life on the same designs, kept a unity of appearance that still gives Charleston and the surrounding country its appealing character.



**Oldest of the large plantation houses** in South Carolina is the solid William and Mary manor house at Medway, the Sidney J. Legendres' plantation home shown on these two pages. Above, its "river" entrance rises from the shadow of ancient oaks to a gabled roof characteristic of the time



From the entrance door, by the stepped gable, shown at the top of the opposite page, one looks down this long, green avenue, flanked by double rows of live oaks, to the gate seen in the distance. These trees, set out before the Civil War, are a generation younger than those closer to the house

FRANCES BENJAMIN JOHNSTON





## Medway-1686

Medway was built in 1686 of homemade brick by a young Hollander, Jan Van Arrsens, sixteen years after England's King had opened Carolina to colonists. So right for the mild climate, so well-conceived was its plan that Medway was typical of planters' houses on the Ashley and Cooper Rivers for the next hundred years. Situated on the Medway River, its early charm has been restored and its surroundings greatly enhanced by the present owners



LEFT: The old Medway schoolhouse, once used by the planters' children, now the busy plantation office. Far left, the early slave quarters, pleasantly remodeled with fine cypress paneling to house the Legendres' guests

FRANCES BENJAMIN JOHNSTON



# Plantations 1700-1750

*Interesting variations on the Georgian theme*

IT is surprising to find in any new country such tangible evidences of an older culture as even the earliest plantation houses near Charleston displayed. This was perhaps due to the fact that many of the gentlemen planters were soundly schooled in draughtsmanship and knew more than a little of architecture, so that they were able to supervise directly the building of their homes and in many cases to provide the blueprints them-

selves. Here, on these two pages, we show four planters' houses built during the height of the plantation period. They show the architectural details typical of the influences that made Charleston the many-faceted civilization that it was. Compare, for example, the Georgian magnificence of Drayton Hall and of Fenwick Hall with the Flemish turrets of Mulberry and with the refreshing simplicity of the chaste classic façade of Hampton.

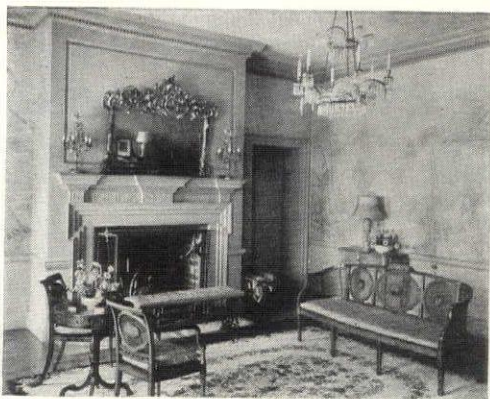
F. S. LINCOLN



**Drayton Hall (about 1738)** known as one of the finest Georgian houses in America, was built by the Hon. John Drayton. It is still owned by his descendants, Charles H. Drayton and Miss C. D. Drayton. The Hall stood unharmed through earthquakes, through

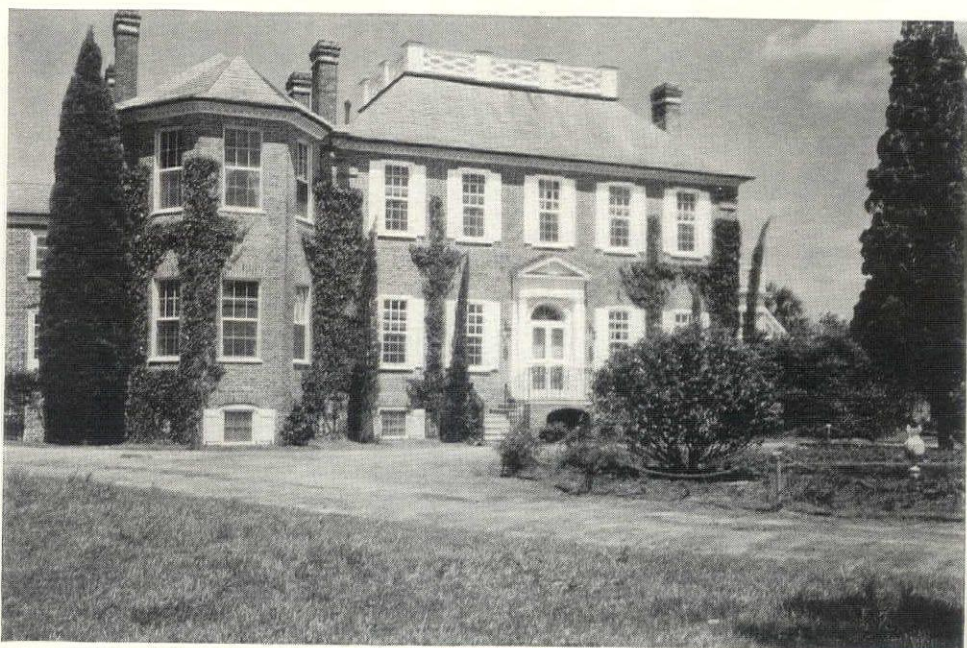
the fire which destroyed its flankers, and it again escaped destruction by Union soldiers, during the Civil War, who were frightened away by the smallpox patients the owner had housed there. The original Georgian interiors of this house are seen on page 64





### *Fenwick Hall, 1730*

In this year, John Fenwick replaced the log house on John's Island with the lofty brick splendor of the Hall. Soon famous for its racing stables, its legendary smuggler's passage, its octagonal towers then much in vogue, it is notable today for its fine Georgian outlines. It is the home of Mrs. Victor Morawetz. Above, a view of a reception room in Fenwick Hall



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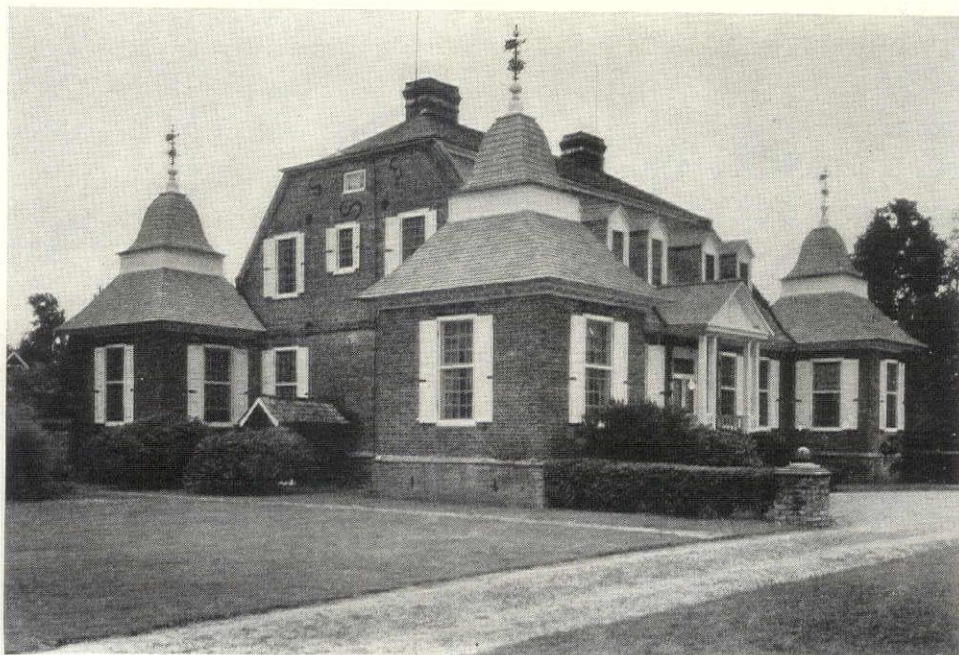
### *Hampton, 1735*

When Noë Serré built this house on Wambaw Creek, near the Santee River, it had only six rooms. Succeeding generations squared off the upper story, added the wings with the famous two-story ballroom and extended the portico. Here Lafayette came to dance and Washington to visit. Today Hampton belongs to Dr. Archibald Rutledge, the writer



### *Mulberry, 1714*

This pleasant sturdy-looking house of faded pink brick, set in a rolling meadow above the Cooper River's West Branch, was built by the English soldier-planter, Thomas Broughton. It has been returned to much of its former glory by the Clarence E. Chapmans, to whom it now belongs. Note the gambrel roof, jerkin-head gables. Below, drawing room as it is today





# Plantations 1750-1850

*The appearance of a definite Colonial trend*

OF the four houses shown on these two pages, only the Middleton Hall wing was built before the Revolution. The other three belong to the rich post-war boom. Cotton had brought a flood tide of new money. The old aristocratic estates had grown larger when the planters intermarried. And England had ceased to be the Colonial ideal.

Architecturally the emphasis shifted from orthodox Georgian to an expression of individual tastes. The planters, no longer homesick for the North Country, adapted their new houses to the

warm sunny climate. Wood logically replaced brick in such houses as Harrietta and The Wedge on the opposite page. Piazzas grew larger, deeper, and spread across the face of the house. Doors widened, windows increased. Cross ventilation became a fact. Basements, shady and cool, grew taller and pushed the first floors up to catch the full sweep of the sea breeze. And finally the graceful outside stairways, characteristic of Charleston, with their elaborate wrought-iron banisters and railings, began to wind airily up to hospitable doorways.

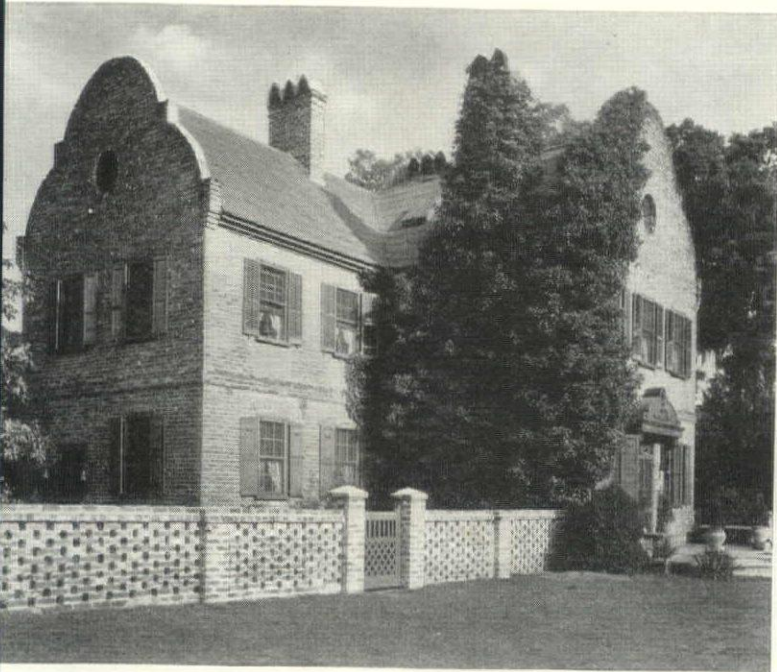
F. S. LINCOLN



**Boone Hall (1843).** This estate, one of Carolina's oldest, was granted to Major John Boone at the close of the seventeenth century. The original house is gone but the Thomas A. Stones commissioned their architect, William H. Beers, to erect a new structure in the spirit of its predecessor. Constructed of brick from

the plantation's ancient kiln, the Hall lies on the Wando River, east of the city. The mighty oaks, set out in 1843, stand at intervals on either side of the long straight avenue that leads from the road to the house. Most of the Charleston plantations were approached by just such shady avenues of mossy trees





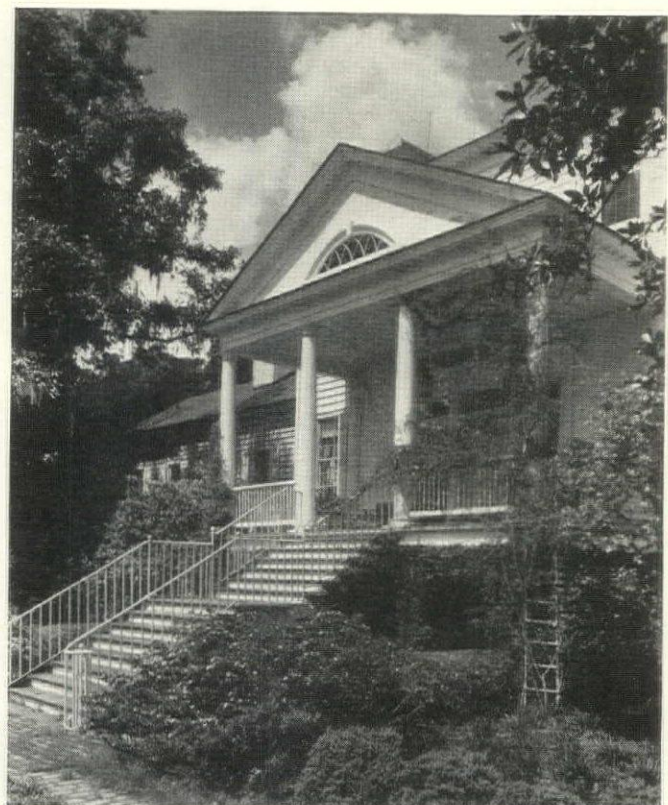
**Middleton Place (1755).** Surviving flanker of the earlier house built by John Williams on a high bluff of the Ashley River, this plantation was one of twenty estates owned by the Middleton family. In its famous formal gardens stands the tomb of Arthur Middleton, signer of the Declaration of Independence. The place now belongs to the J. J. Pringle Smiths



**The Wedge (1826).** William Lucas built the original house in the classical Greek Revival style. Eleven years ago it was purchased by the Elbridge Gerry Chadwicks who restored and enlarged it to the charming estate pictured above. The name of the plantation came from its shape—narrow at the road and widening to a big expanse of rice fields on the Santee River



**Harrietta (1797).** Built for her daughter by Mrs. Daniel Huger Horry of Hampton, this house was uninhabited for two generations, because, as each heir came of age, an unforeseen circumstance prevented his living there. Horatio G. Shonnard bought it in 1930 and has restored much of its charm. Below is the garden entrance; left, drawing room; lower left, dining room



FRANCES BENJAMIN JOHNSTON



# Inside Charleston Houses

*Softened colors and lavish crystal or gold accents add charm to old paneled walls*

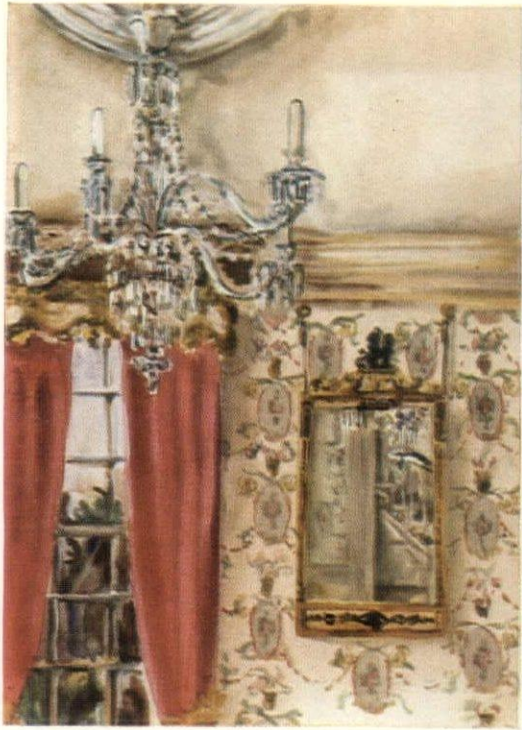
ON THESE two pages, we show water color sketches of five fine old Charleston houses, painted for HOUSE & GARDEN by students of the New York School of Fine and Applied Art on a field trip in the Charleston country. These dwellings, built between 1751 and 1830, are pictured as they look today. Much of the original detail remains, and some of the antique furniture. The large high-ceilinged rooms with their polished floors of wide boards still keep the dignity and spirit of early Charleston. The old paneled walls and the soft color schemes are accented with sudden brilliant contrasts, always favored by Charlestonians. Gilt in heavy carved valances, portrait and mirror frames, crystal in chandeliers and wall sconces, still lend their mingled richness to the scene. And a timeless beauty lingers on—in the superb doorways, the deep moldings, the paneled walls, spacious proportions and the exquisite architectural detail.



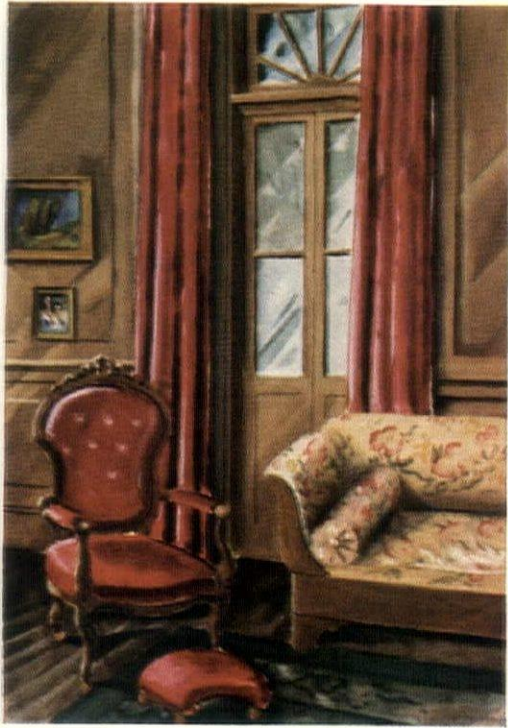
Splendid paneled interior of the Ralph Izard house, at 110 Broad Street. Built in 1757, it is the present home of Miss Rebecca Bryan. The fine marble mantel is one of a pair in this unusual double room

- 1 Reception room of the stately old mansion built by Colonel John Stuart at 104 Tradd Street in 1772, showing one of the crystal chandeliers used throughout the house. A splendid Adam mirror reflects the curtains of deep raspberry silk and the pink and green medallions of the wallpaper
- 2 The Horry house, erected between 1751 and 1767, has a reception room paneled in mellow old natural wood. Draperies of an intense cyclamen shade pick up the brilliant brocade of the couch and the little rose-wood chair. The deeply recessed door has an unusual square fanlight
- 3 Looking through the stair hall into the high double drawing room of the old James Nicholson house, 172 Rutledge Avenue, now a school—Ashley Hall. Built after 1830, it is typical of the trend toward the spectacular in scale and plan. Note the classic plaques and finely carved door frame
- 4 Paneled walls, painted soft blue, gold draperies and old family portraits give elegance to the beautifully proportioned drawing room of the Colonel John Stuart house. It is now the home of Mr. John Mead Howells
- 5 This drawing room belongs to the George Edwards house, constructed before 1786, at 14 Legaré Street, now the home of Mrs. Walter Salmon. A tomato-pink chair contrasts with the soft green rug, the warm taupe couch and walls. An Empire cabinet stands between the two windows
- 6 An air of spacious dignity pervades the paneled walls of the Horry house drawing room. The generously proportioned fireplace is lined with Delft and white tiles, often found in early Charleston houses. The draperies are gold, repeating in color the tones of the delicate Hepplewhite settee
- 7 An elaborate vaulted ceiling lends magnificence to the drawing room of the James Nicholson house. Note the recessed windows, the twin black marble mantels and the Empire chairs upholstered in bitter green satin
- 8 The central hall of the James Nicholson house, through which winds a spectacular stairway. The walls are off-white, wainscoted, austere—warmed by old mahogany and a gilt-framed portrait. For a touch of color, blazing emerald green covers the graceful chairs, early 19th Century in style
- 9 Another view of the Horry house reception room, giving further details of the warm, high color scheme. The curved footstool is cyclamen like the beautifully carved chairs and the draperies glimpsed in the gold mirror above the couch. This is now the home of Colonel Aiken Simons

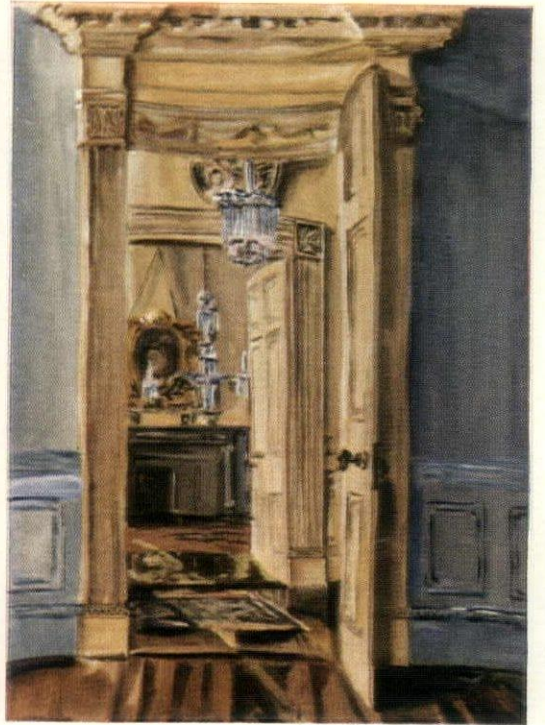




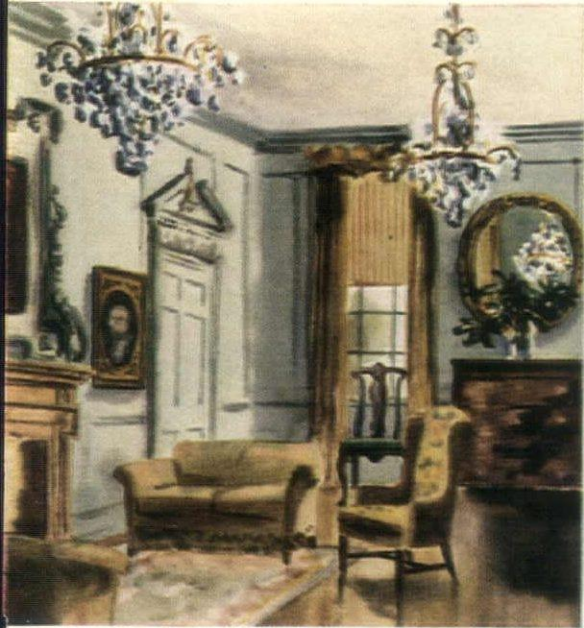
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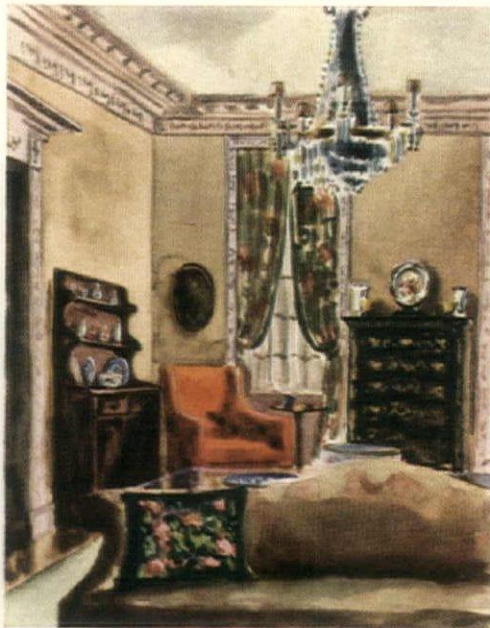
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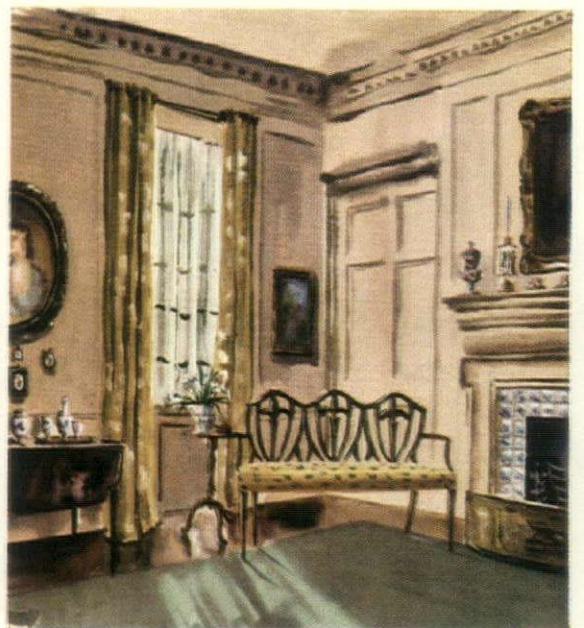
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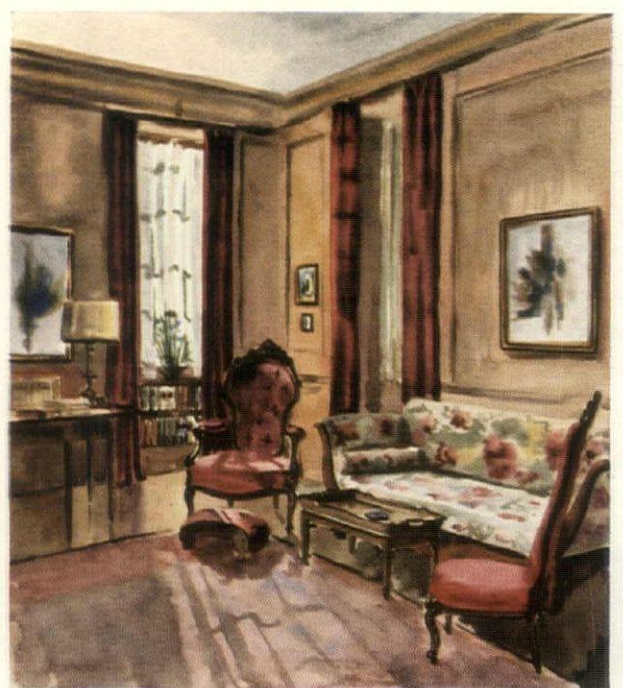
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# Low Country Gardens

Twenty-four miles north of Charleston at Dean Hall lie the Cypress Gardens shown below. Here islands of a reclaimed cypress swamp have been generously planted to flowering shrubs—azaleas, rhododendrons and such as thrive in this climate—and to bulbs. The gardens are at their best from March 15th to April 15th. Visitors are paddled slowly through the gardens and enjoy the massed color effects reflected in the water.

Of the plantation gardens on the Ashley River, Middleton Place, shown on the opposite page, is the most formal in design. It is believed to have been laid out before 1740. Planned on the grand scale, with balanced paths, lawn areas and terraces, it was planted to trees that today have reached unusual magnificence. The river-fronting terraces with groups of camellias, azaleas, gardenias and crepe myrtles are among its many glories.

From 1840, when *Rhododendron indicum* was introduced into Magnolia Gardens, its planting has continued. Today visitors find 24 acres, through which wind paths bordered with azaleas and rhododendrons, camellias, cherokee and banksia roses, sweet olive, jessamine, crepe myrtles and magnolias in variety. The trees should not be overlooked—dogwoods, cedars, hollies, California redwood, cork and, around the lagoon, cypresses.

FROM KODACHROMES BY CAROLA RUST



IN THE CYPRESS GARDENS NORTH OF CHARLESTON





ANCIENT TREES ARE AMONG THE GLORIES OF MIDDLETON PLACE



BLOOM-BORDERED PATHS AT MAGNOLIA GARDENS



IN MAGNOLIA GARDENS, AZALEAS GROW TO GREAT HEIGHT

*The Plantation Gardens close to Charleston  
are among the most famous in the world*



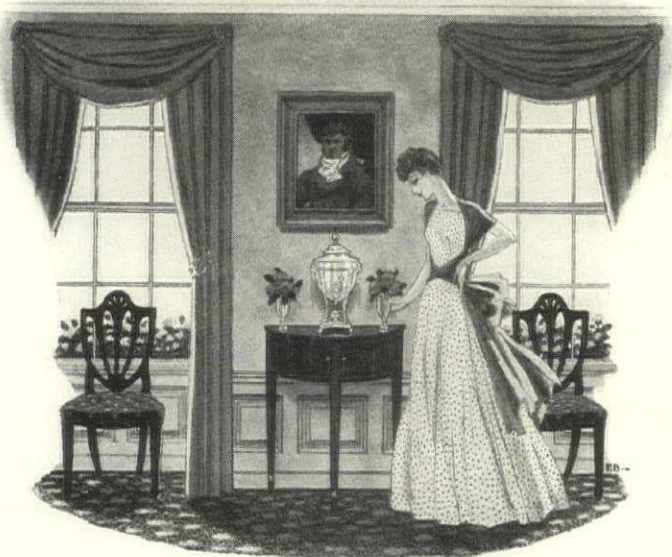


This dining room, adapting the charm of old Charleston to the small traditional house, was created by House & Garden's Decorating Consultant, Joseph B. Platt, who was recently selected to design the Southern interiors for the screen version of "Gone With the Wind". The lines of the room above follow those of remodeled Charleston slave houses and the paneling details are characteristic of that region. The furniture, reproductions of fine old 18th Century pieces, is in the Charleston style and feeling, while the patterned carpet reveals a trace of later Victorian influence.



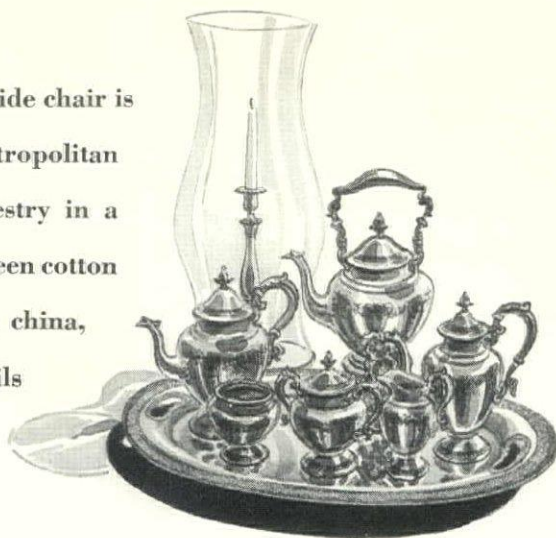
# We plan a Charleston room

Every great house in Charleston has its string of subsidiary buildings stretching out behind it. In the old days these served as kitchen, coach house, and slave quarters. Today they catch the fancy of artists, young people in search of small houses, and anyone who appreciates their charm and delightful simplicity of line. In remodeling, baths, closets, and modern kitchens, of course, have to be added. Ceilings are low, the houses are one room wide, brick walls are unusually thick to withstand the intense summer heat comfortably



Charleston tradition has been scaled down to fit these small houses. Above we have sketched a charming modern house for today which follows the lines of an actual Charleston slave house. The dining room on the opposite page might be in this house or in your own small 18th Century house. The walls, paneled in a typical manner with the simple mantel, are painted a soft apricot shade in contrast to the draperies of pale green. The furniture might well be antique with its purity of line, but in our room fine reproductions are used.

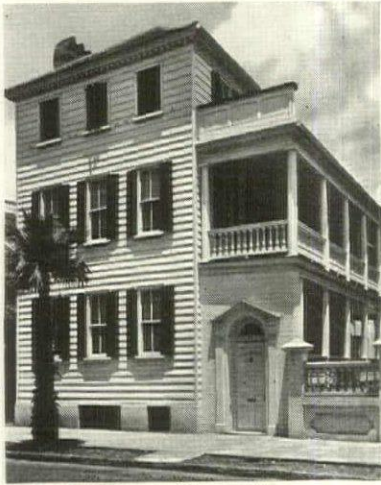
All the furniture is made by Kittinger, and the side chair is a copy of one found in the American Wing of the Metropolitan Museum. The chair seats are covered in black tapestry in a needlepoint design, from Orinoka, as is also the pale green cotton satin at the windows. The carpet is from Mohawk; china, Royal Worcester's Astral; silver, Gorham. Other details of the silver and china are illustrated on page 82.





# Old Town Houses

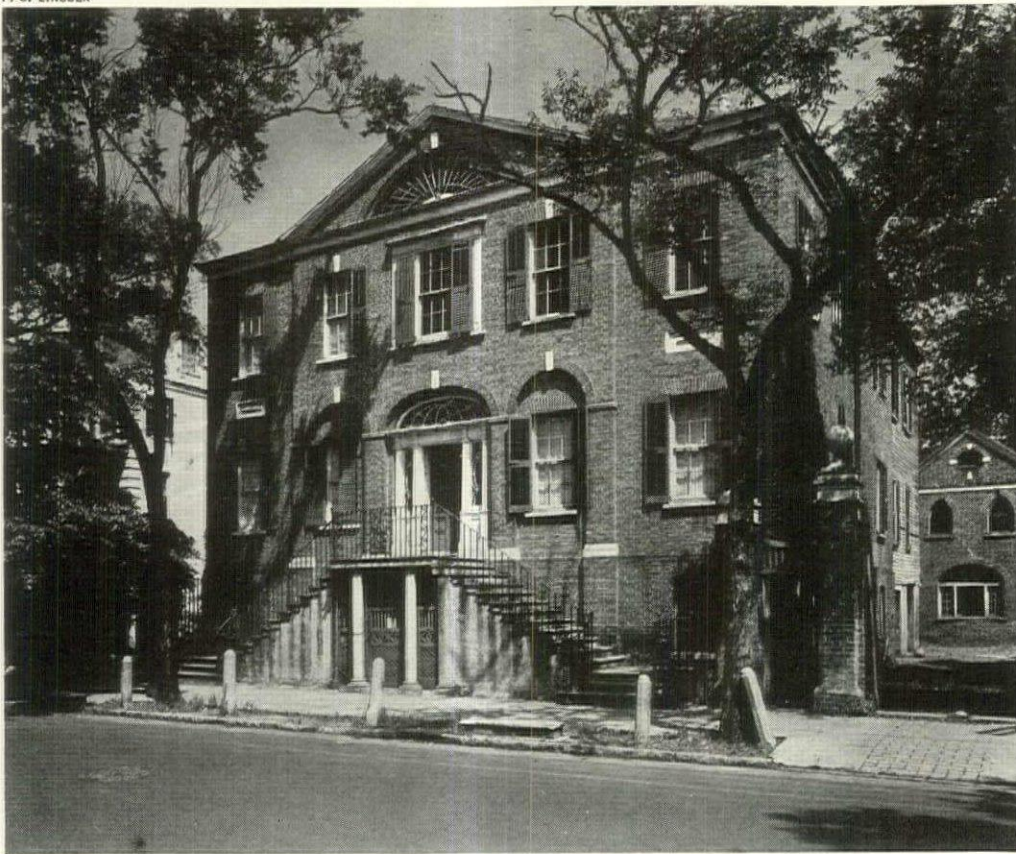
*Here the pleasant tempo of Charleston's social life was set*



TYPICAL SINGLE HOUSE (1790)

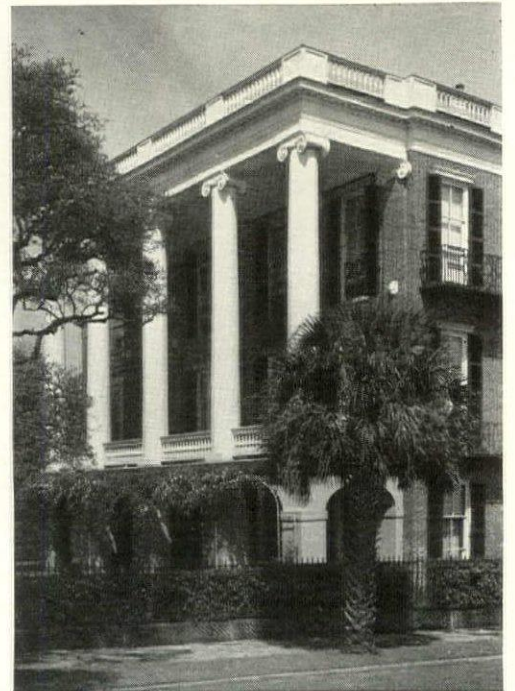
The aristocratic old town houses of Charleston were well adapted both to formal hospitality and hot weather comfort. The planters who built them had their big country estates, but they came to town in Winter for the social season—and again in Summer to avoid the malaria. Set close to the street, the typical town house stretched far back into its deep lot and overlooked lovely gardens and lawns. Its walls were thick, its balconies usually facing south or southwest, broad and shady, strategically placed to catch the breeze. Inside, the general plan called for a library, reception room and dining room on the first floor—a drawing room, master bedchamber, perhaps a card room on the second—all with high ceilings, tall windows. The houses were usually of two architectural types. The single house (shown at left) was one room thick, set “side endwaies to the street” and its street door led into the open piazza. The larger square double house was approached directly from the street (see house, below left) and its front door led immediately into the central entrance hall. Single house (left) is at 64 Meeting Street.

F. S. LINCOLN



**William Blacklock house (about 1800)**, 14 Bull Street, now the home of Mr. Debrosses Hunter. Its frank, uncompromising Georgian lines are softened by the double entrance stair with its delicate wrought-iron balusters. Note beautifully proportioned fanlight above the main door, and the lower second door, on street level, used by the servants

FRANCES BENJAMIN JOHNSTON

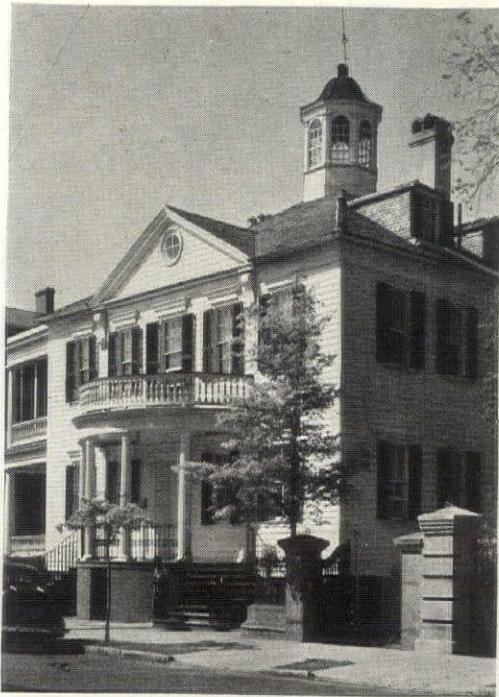


**Wm. Roper house (after 1845)**, located at 9 East Battery. The piazza of this fine ante-bellum house has frequently served as a movie background. Today this mansion belongs to Mr. Solomon R. Guggenheim





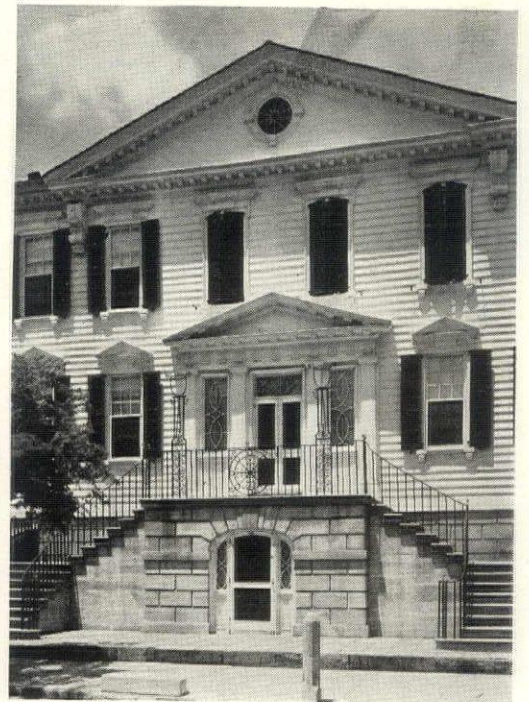
**William Drayton house (1820-22)**, at 6 Gibbs Street. Architecturally distinguished by its unique circular verandas, the interiors of this old mansion still reflect the elegant life of times past in their richly carved moldings, crystal chandeliers and spacious second-story ballroom. Today it belongs to the Frank G. Boggs



**Josiah Smith house (1800)**, 7 Meeting Street. The curving double entrance stair with its lovely old ironwork is typical of the old Charleston houses. The present owner is Mr. H. Cecil Sharp



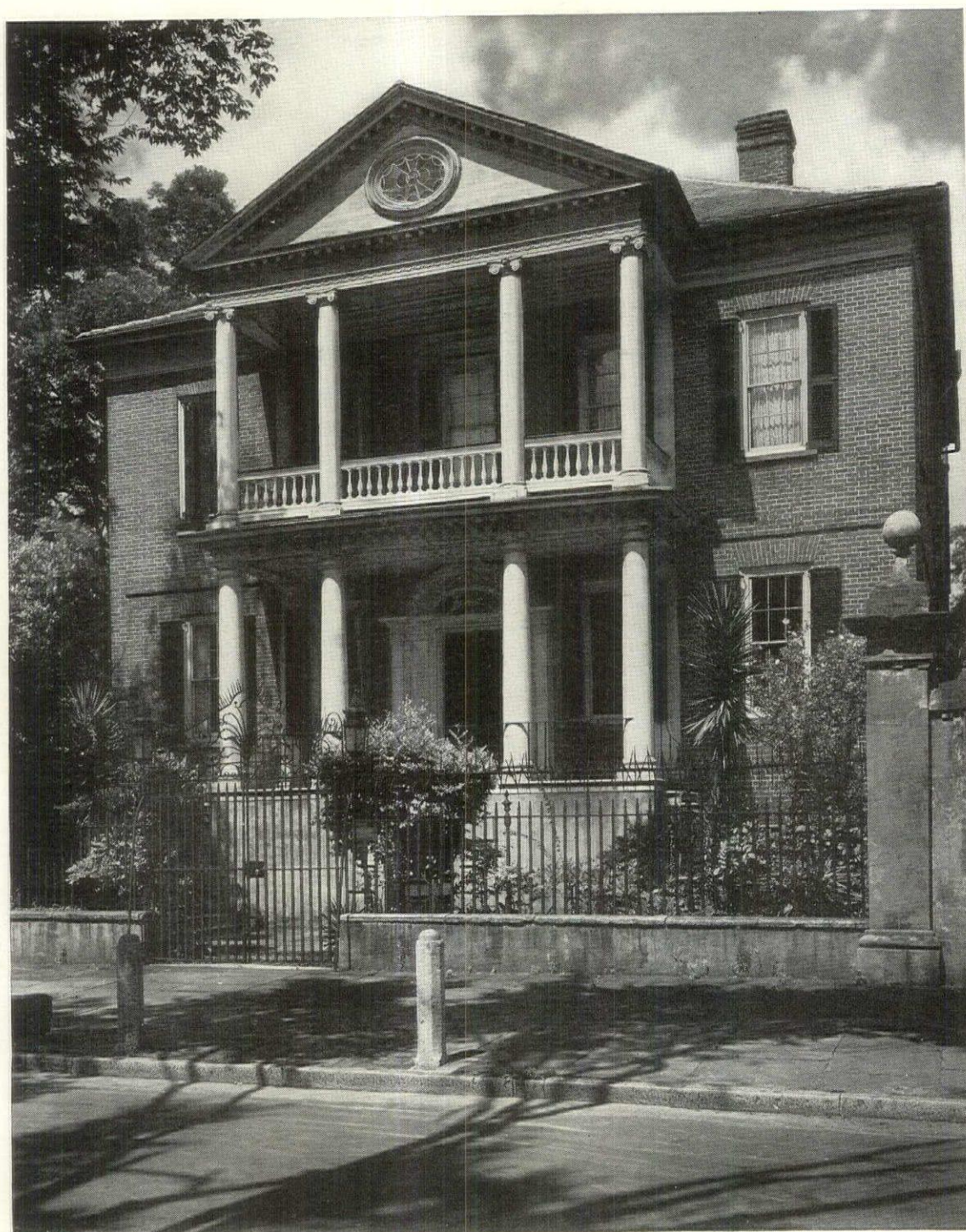
**Heyward-Washington house (1750)**, 87 Church Street. Here Thomas Heyward, signer of the Declaration of Independence, played host to his kinsman, George Washington. Interiors are being restored by the Charleston Museum



**William Gibbs house (before 1789)**, located at 64 S. Battery. One of Charleston's state-liest old houses, this is today the home of Mrs. William A. Roebling. Its gardens were restored by Loutrel W. Briggs, landscape architect



*TOWN HOUSES were built for the leisurely social life that fostered the Charleston legend*



*Miles Brewton house (1765)*

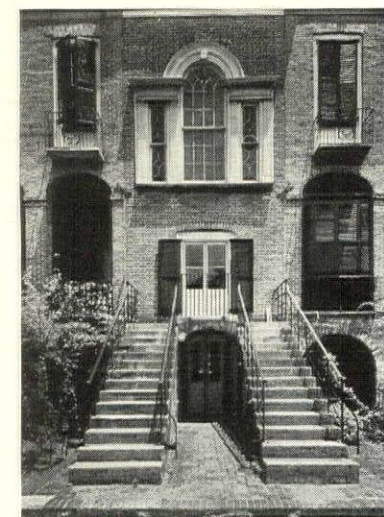
ONE of the most renowned of Charleston's early mansions, this is perhaps better known today as the Pringle house. It was built by one of the city's earliest architects, one Ezra Waite, a "Civil Architect, House-builder in general and Carver, from London", and stands at 27 King Street. Used as headquarters by the ranking British general in one war and by the Union leaders in another, its beautifully paneled interiors are still in remarkably good condition, and much of the old furniture remains. The drawing room boasts a handsome old rug of Aubusson design and a painted mural in its ceiling from which hangs the spectacular crystal chandelier shown in the photograph at the top right of this page. On both floors there are richly carved old mantels. The stairway with its heavy carved posts of the same solid mahogany as the paneling is still to be seen in the entrance hall. Today the Misses Susan and Mary Frost, descendants of Miles Brewton, live here. The plan of the old gardens behind the house, with kitchens, stables, etc., is shown on page 94



DRAWING ROOM: CRYSTAL CHANDELIER



LIBRARY: ANTE-BELLUM DRAPERIES

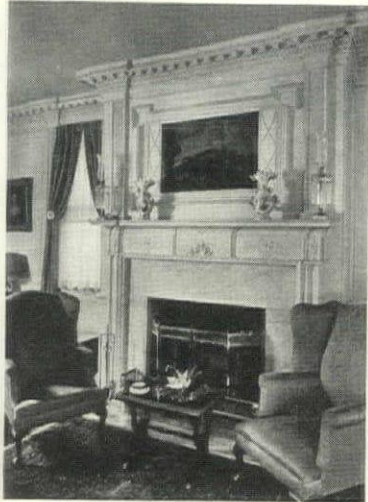


REAR OF HOUSE: NOTE DOUBLE STEPS



### *House at 32 South Battery (1740)*

ONE of the familiar landmarks along the Battery, this typical Charleston double house was built 200 years ago, but fire has obliterated all records of its construction and builder's name. No nails were used in the foundations, which are of black cypress put together with pegs. During the War Between the States a cannon ball passed through the second story, and in both the Civil War and the Revolution the house was occupied by invading generals. Its carved cornices and decorative detail are particularly fine and its unusual reeded folding doors are shown on page 67. The small house sketched on page 39 is derived from the lines of its carriage house and slave quarters. Below: Carved mantel in the reception room. The house is now the A. Kinloch McDowells'

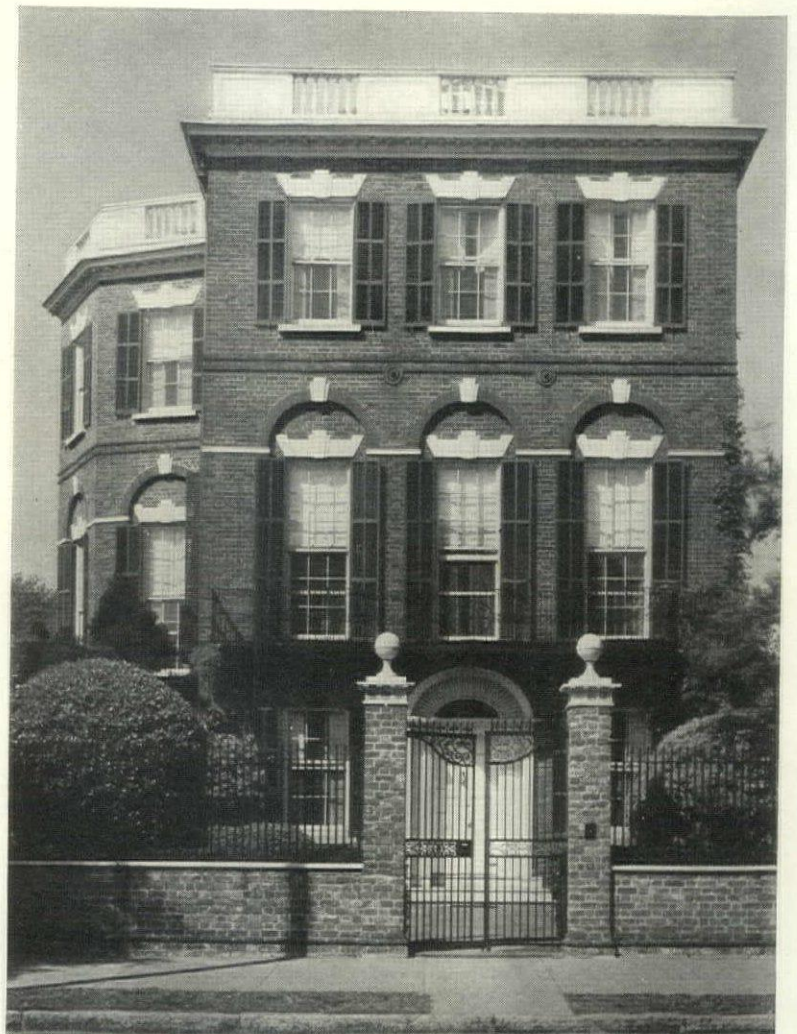
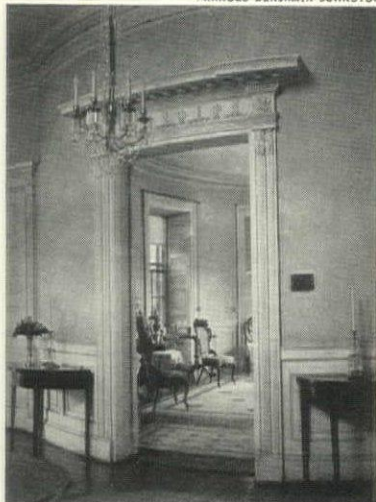


F. S. LINCOLN

### *Nathaniel Russell house (before 1811)*

THIS house at 51 Meeting Street belongs to the era when the founders of the young Republic were also concerning themselves with developing a distinctive architectural style. Reminiscently Georgian in feeling, it has many variations in plan and ornament which set it apart from earlier houses. The plan of the octagonal wing is unusual. It contains a second-story oval drawing room in addition to the one across the front of the house. A distinctive serpentine stair winds imposingly up from the entrance hall below. Verandas have been omitted, but there are small iron balconies. Below is the entrance to the oval room. Note the curved wall and doorway, also the delicate reeding and Adam detail. The present owners are Mr. and Mrs. F. J. Pelzer

FRANCES BENJAMIN JOHNSTON









# Charleston's Famous Gardens

By Loutrel W. Briggs, of Charleston, landscape architect

CHARLESTON'S gardens, which bring so many pilgrims to her gates every spring, are old and new, well-tended and neglected, trim and overgrown, formal and casual. It does not matter. One wanders through quaint streets, glimpsing on the one hand emerald lawns, well-kept gravel paths and flower borders; on the other an overgrown Camellia bush, bits of old brick edging, long-forgotten flower beds, unpruned shrubs and trees. Over both brood the past and the memory of a hundred gardens long gone. For both the neglected and the well-kept are part of the tradition of gardening which has been Charleston's from early times.

Not only are Charleston's gardens famous, but the flowers that make them. Few of these flowers are native botanically, but many of them were first cultivated in this country in the lowlands about Charleston. Two have even been given the names of Charleston men. The Poinsettia, which is hardy in Charleston gardens and blooms there around Christmas, was sent back first from Mexico by Dr. Joel R. Poinsett, who was born in Charleston in 1779. He was an accomplished botanist as well as Minister to Mexico, and when he sent the plant to Robert Buist, a Scotch nurseryman, Buist called it "Euphorbia Poinsettiana" in his honor. And then there is the Gardenia, another prized bloom of the South, which was named for Dr. Alexander Garden, a Charleston physician and botanist.

The Camellia (called in Charleston Japonica), the Azalea (*Azalea indica*) are oriental in origin, as their names would show, and it is believed that they were brought back from the east in the ships that plied the China trade, though they may have come by way of France. No matter how they came, they flourished. The theory is that there is something in the soil in the swampy lands along the Ashley that brings them to mammoth size and unbelievable brilliance.

Within the area of the city as first laid out stand a number of fine old houses, some with quaint gardens created many years ago. One of the most stately of these is the well-known mansion of Miles Brewton (see photographs on page 42), also called the Pringle House, a splendid example of Colonial architecture. Here Sir Henry Clinton, commander of the British forces which occupied Charleston during the Revolution, established his headquarters and, following him in the same capacity, Lord Rowden. The grounds were once more spacious, but there is even now an ample garden, the date of which is apparently not known. However, the quaintly cut beds attest that they were fashioned a long while ago. Their design is much in the manner of the little Box-

edged plots in the flower garden at Mount Vernon. The visitor will find such old time plants as the Vitex, or Chaste tree, the feathery Mimosa, with thistle-like pink blossoms, Oleanders, and Pomegranate.

Behind the high walls of 32 Legaré Street (pronounced Legree), in which are set the historic "Sword Gates", there are two old gardens laid out in interesting geometric patterns. The smaller one, with four circular beds, is very evidently the earlier, probably about the date of the house. The other, designed in the form of a great Daisy, reflects a later fashion. Several large and lovely Camellias adorn the gardens, but now have grown quite out of proportion to the plots. Originally, no doubt, the beds were filled with sun-loving flowers, but the growth of years has cast long shadows, and only shade-enduring plants remain. (Plan of this garden is shown on page 94.)

Outside the boundaries of the early city of Charleston, but well within the present limits, were numerous country houses and gardens. Just east of the shopping district on King Street are sites of several prominent places which may be located today. Approximately in the year 1775, Henry Laurens acquired four acres in "Ansonboro", which he developed into a garden. This property, later known as Laurens Square, occupied a square on East Bay, from Society to Laurens Streets, and extending west to Anson Street. In a letter dated 1768 he says: "I now live in the middle of a garden of four acres pleasantly situated upon the River near the Old Brew House. Mrs. Laurens takes great delight in gardening." Ramsay states in his history of South Carolina that Laurens "enriched it with everything useful and ornamental that Carolina produced, or his extensive mercantile connections enabled him to procure elsewhere".

Among a great variety of other somewhat curious productions he introduced Olives, Capers, Limes, Ginger, Guinea grass, the alpine Strawberry, bearing nine months in the year, red Raspberries, blue Grapes; and also directly from the South of France Apples, Pears and Plums of fine kinds, and vines which bore abundantly of the choicest white eating grapes called Chasselats Blancs. The whole was superintended with maternal care by Mrs. Eleanor Laurens, with the assistance of John Watson, "a complete English gardener". Later Watson started a garden for himself, south of Laurens' place, which he enlarged about 1784, so that it stretched "from King Street to and beyond Meeting Street". It was considered very "elegant" and in it he planted what was no doubt the first nursery garden in South Carolina.

The property of Colonel William Rhett, famous in the early history of Charleston for his capture of the dread pirate Stede Bonnet with his crew, is in this district, and is marked by his house, built about 1720, now number 54 Hazel Street. The garden, which is on the west side, gives evidence of being very old; the simple, well-proportioned beds, and the wall of antique (Continued on page 94)

**Governor Rutledge House.** These graceful wistaria-hung balconies, displaying some of the most elaborate ironwork in Charleston, are at 116 Broad Street, only a stone's throw from St. Michael's. The house (built 1760) once belonged to Governor John Rutledge (1776) and until recently was the home of Mr. R. Goodwyn Rhett.





This wrought iron balcony, typical of Charleston, opens from the room below

# In the Charleston Manner

*These rooms, especially designed by B. Altman  
in New York, recreate the spirit of Charleston*

EMELIE DANIELSON



The two rooms shown on these pages, as well as the formal drawing room in color on page 26, belong to a series of Charleston interiors now on display at B. Altman in New York. Designed especially for this issue of *HOUSE & GARDEN* by John Gerald, head of Altman's decorating department and a native Charlestonian, they seek to recreate the spirit of other days out of materials and furniture adapted to modern needs. The room above is an informal sitting room or morning room in blue, gold, crimson





The furniture in the bedroom on this page, as well as in the morning room opposite and the drawing room on page 26, has been reproduced from authentic pieces still to be found in Charleston mansions. The four-poster bed and secretary are typical of pieces brought from England in Charleston's great period. All furniture in these rooms is from the Beacon Hill collection. The magnolia glazed chintz on the wall and bed is by Cyrus Clark



ABOVE: Corner of bedroom with chest, prism candelabra and gilt mirror. Left: The fireplace, with candle sconces, protected by hurricane globes, on either side of the simple white mantel



# Recipes of the Low Country

*June Platt, our gourmet-reporter,  
writes of old Charleston's cookery*

I HAVE a vision of Charleston. Those sleepy rivers, those banks of glowing azaleas and green boxwood, those rambling plantation houses are clear before my eyes. But, greedy gourmet that I am, this seemly picture fades rapidly from view when I think of Charleston cooking. This is *my* Charleston, and it's a mouth-watering mélange—of far-reaching rice fields, of nets spilling over with fat crabs and shrimps, of green okra and golden yams, of plump, tender chickens and rich cream. It's a dream of cornbread, coconuts and pecans, of Hopping John, Pilaus and Daubes, of hams, hot-breads and honey!

I'm afraid I'm hopelessly earth-bound. But I've discovered that I'm not alone! So, for those who also see the South framed with knife and fork, I've collected the following Charleston recipes which are typical and delicious.

**ZEPHYRINAS.** These are most ethereal, resembling Poppadums, the Indian wafers we eat with curry.

Sift 1 cup of flour with  $\frac{1}{2}$  teaspoon salt. Rub into it 1 tablespoon butter. Moisten with about  $\frac{3}{8}$  cup cold water, or enough to make a dough that may be kneaded. Knead just long enough to make a smooth dough—then take a small quantity at a time (keeping the rest wrapped in wax paper) and proceed to roll it out on a well-floured board, with a well-floured rolling pin—to paper thinness, and I do mean paper thinness. Cut out with a large round cookie cutter, preferably a scalloped one.

Place on cookie sheet, prick all over with a fork, and bake in a fairly hot oven until a bright golden brown, which will be almost immediately. If you have any difficulty rolling the dough out very thin, try cutting when moderately thin and then rolling each one individually again—always away from you. This will alter the shape of them, making them oval instead of round, but it really doesn't matter—the only important part is to have them tissue thin. I found the recipe for them in a very old Charleston cook book, and they are delicious as a new accompaniment to soup.

**SHRIMPS IN CREAM.** Simmer together for fifteen minutes 2 quarts water, 1 onion, 1 clove of garlic, 1 bay leaf, a pinch of thyme,  $\frac{1}{2}$  red pepper pod, a little celery, and 2 tablespoons salt. Cook in the bouillon 3 pounds of well-washed shrimps for fifteen minutes. Let the shrimps cool in their liquid, then shell them and remove the black intestines. Put them in a saucepan with 3 tablespoons butter. Heat until the butter has melted; add 2 cups thick cream, a little salt, plenty of freshly, coarsely ground black pepper; add 2 strips of lemon peel. Simmer four minutes—add 1 tablespoon of lemon juice, and when they boil up once, serve in a hot dish accompanied by a dish of boiled hominy. Serves six.

**ROAST CHICKEN, CORNBREAD DRESSING.** Sift together 2 cups white cornmeal,  $\frac{1}{2}$  cup white flour, 3 teaspoons baking powder, 1 teaspoon salt. Beat 2 eggs well, add to them  $1\frac{1}{4}$  cups milk. Sift in the dry ingredients, beat until smooth—then add 2 tablespoons melted butter. Pour into well-buttered tins and bake in a hot (425°) oven for about twenty-five minutes. Remove from oven and let cool. Then crumble it into small pieces. Grate into it 2 small onions—add  $1\frac{1}{2}$  cups chopped celery, a little chopped parsley, salt, and freshly ground pepper. Stir with a fork, then moisten the mixture with seven or eight eggs, beaten slightly. Stuff the bird to be roasted with some of this, and form the rest of it into a fat roll and put it in the pan with the chicken and plenty of butter. Baste the cornbread each time you baste the bird. Serves six.

**MULACOLONG.** Here is a brand new (at least to me) flavor sensation for chicken. Procure a fresh killed young fowl, cut in pieces. Wash and dry it well. Put  $\frac{1}{4}$  pound butter in a frying pan and add 1 onion, sliced fine. Heat to sizzling point, then add the chicken and fry to a deep golden brown, turning the pieces frequently. As they brown, put them into another pan with a small lump of butter.

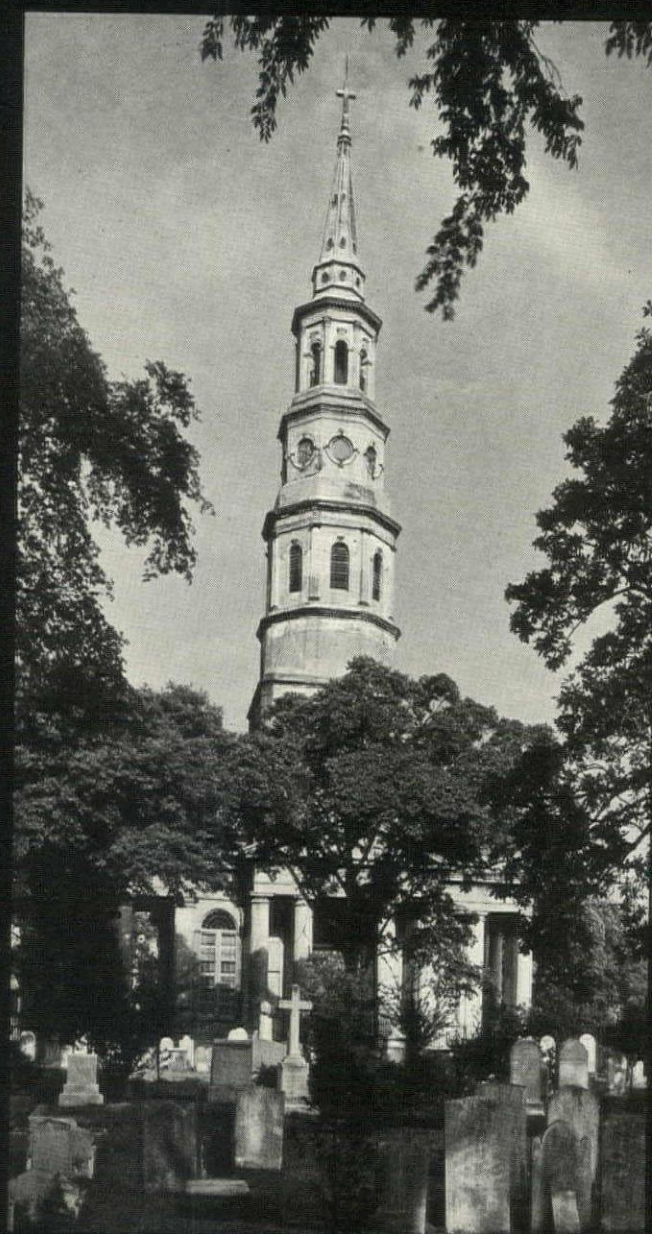
Strain the onions out of the fat in which the chicken fried, and pour into the frying pan 4 cups strong hot chicken or veal broth. (Continued on page 81)

## Historic Charleston

CHURCH spires, not unlike those of Christopher Wren's London, dominate the Charleston horizon, and rise above graveyards whose stones bear names illustrious in America's history. They overlook, too, ancient buildings such as those shown opposite, each of great significance in the town's story.

1. The Pink House. One of Charleston's oldest structures, it served as a tavern before the War of the Revolution.
2. Dock Street Theatre. The name of one of the earliest playhouses in America has been given to this theatre at 187 Church Street, recently restored in 18th Century style on the old site. The façade is that of the Planters' Hotel, built 1835.
3. The Pirate House, now a quiet gift shop across from St. Philip's Church, was once the headquarters of the desperate crew of Stede Bonnet, the Colonial pirate.
4. Hibernian Hall (1840) is the scene of the famous St. Cecilia balls, focal point of Charleston society, at which generations of débutantes have been presented.
5. St. Philip's. The present beautiful church was built on the site of an earlier one destroyed in the fire of 1835. In the graveyard lie John C. Calhoun, Southern statesman, and Edward Rutledge, a signer of the Declaration of Independence.





## *Historic Charleston*

*We conclude our portfolio on Charleston  
with these five famous landmarks*



# Musical Arrangements

*Three rooms acoustically planned  
around musical instruments*

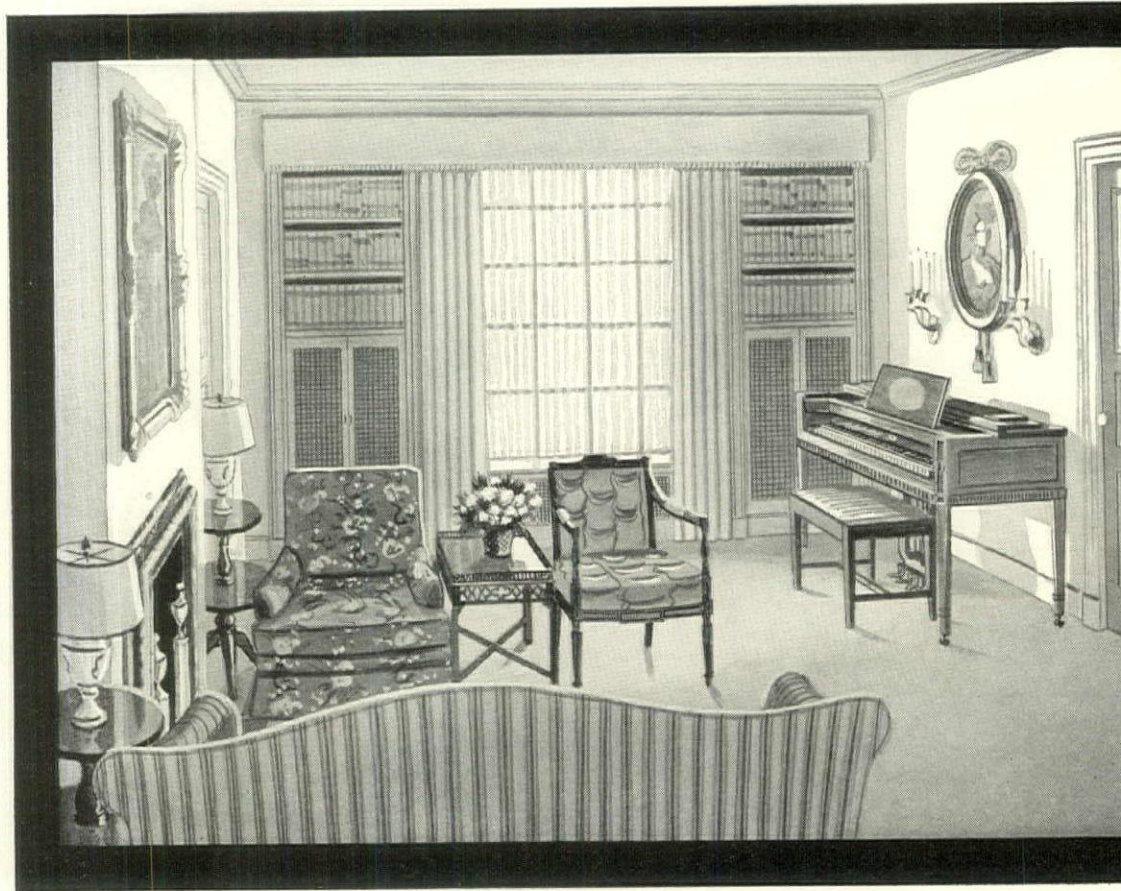
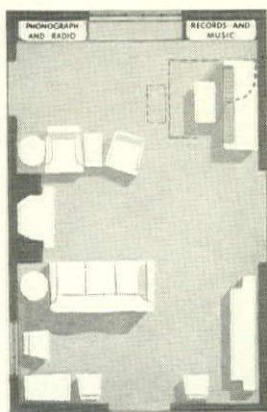
IN THE last few years good music has come down from its lofty pedestal to take its place in daily life. Maybe it just happened as part of some complex social cycle, or it may be a form of "escape", but most probably it is due to the availability of good music through radio broadcasting and phonographic recordings. Whatever the cause, the results are all to the good with more and more people making music or listening to it for their own pleasure and not because it is a refined accomplishment.

Since we have discovered that music has real power and a place in our modern life, it is time to make room for this Ivory Tower in our homes. A separate music room is of course the perfect retreat, but in small houses the space for music must usually be included in one of the other rooms. There are several good arrangements for combined music rooms which can be adapted to different house plans. The right room for this combination will depend upon the kind of music to be played. If the piano is played expertly and for groups of listeners, the living room is

the logical place for music. But if the piano is used for beginner's practice, any other room is preferable, for obvious reasons.

Radios and phonographs for serious listeners are seldom satisfactory in the main living room because conversation and concert music will never go hand in hand. A separate small radio in the living room is the best solution for news and general broadcasts. A library or sitting room can usually be planned to do double duty as a music room and in a very small house the dining room can be used to advantage. Three hours a day is the most that a dining room is actually in use, the rest of the time this space is just quietly wasted. With the dining table along one wall or in front of a window, the other furniture can be arranged so that the two uses will not interfere with each other.

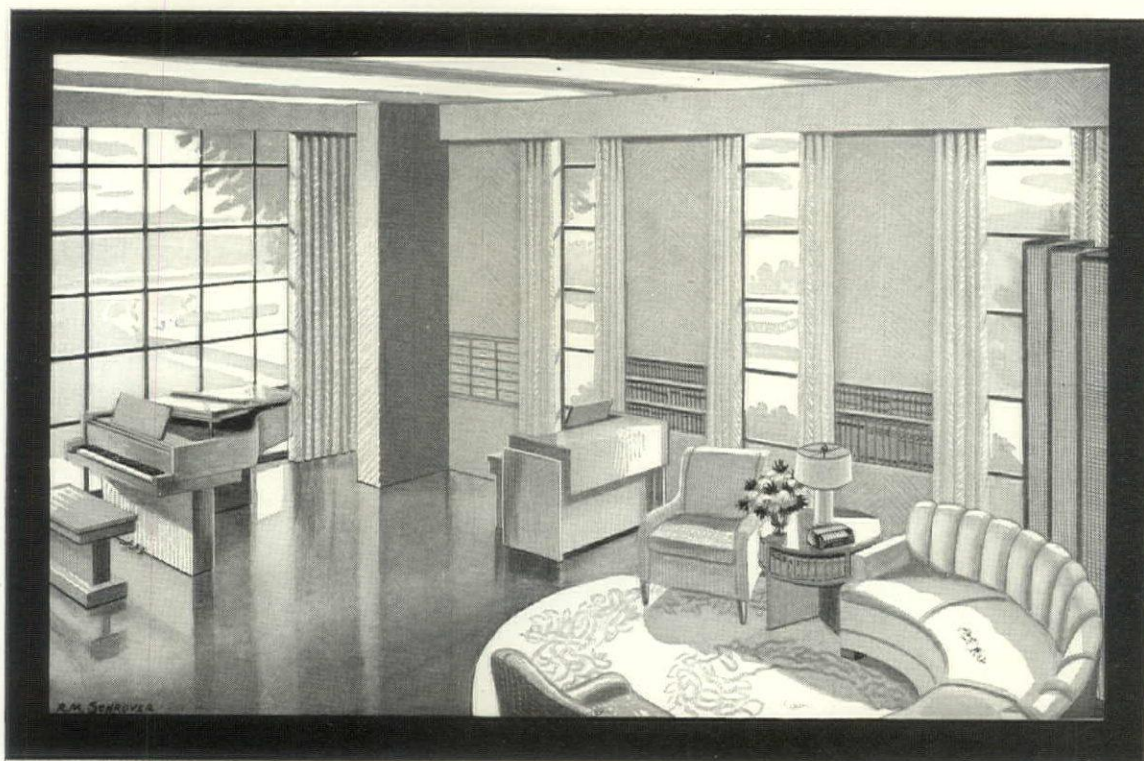
In the separate music room every detail can be planned to make the most of the music. It might seem that the complicated business of acoustics would make a real music room dreadfully scientific-looking, but the basic principles (*Continued on page 86*)



THE living room shown above has a typical plan. The door from the hall is opposite the central fireplace, which is flanked by doors or windows. The piano and music space have been planned so they will not interfere with the living room furniture grouping. At the left of the large window a radio-phonograph is enclosed, at the right there is space for music and record storage. The large window surface which gives resonance to piano music can be covered by the draperies when broadcast and recorded music is being enjoyed. The SpinetGrand piano in Sheraton design with full-sized keyboard and unusually rich tone is made by Mathushek

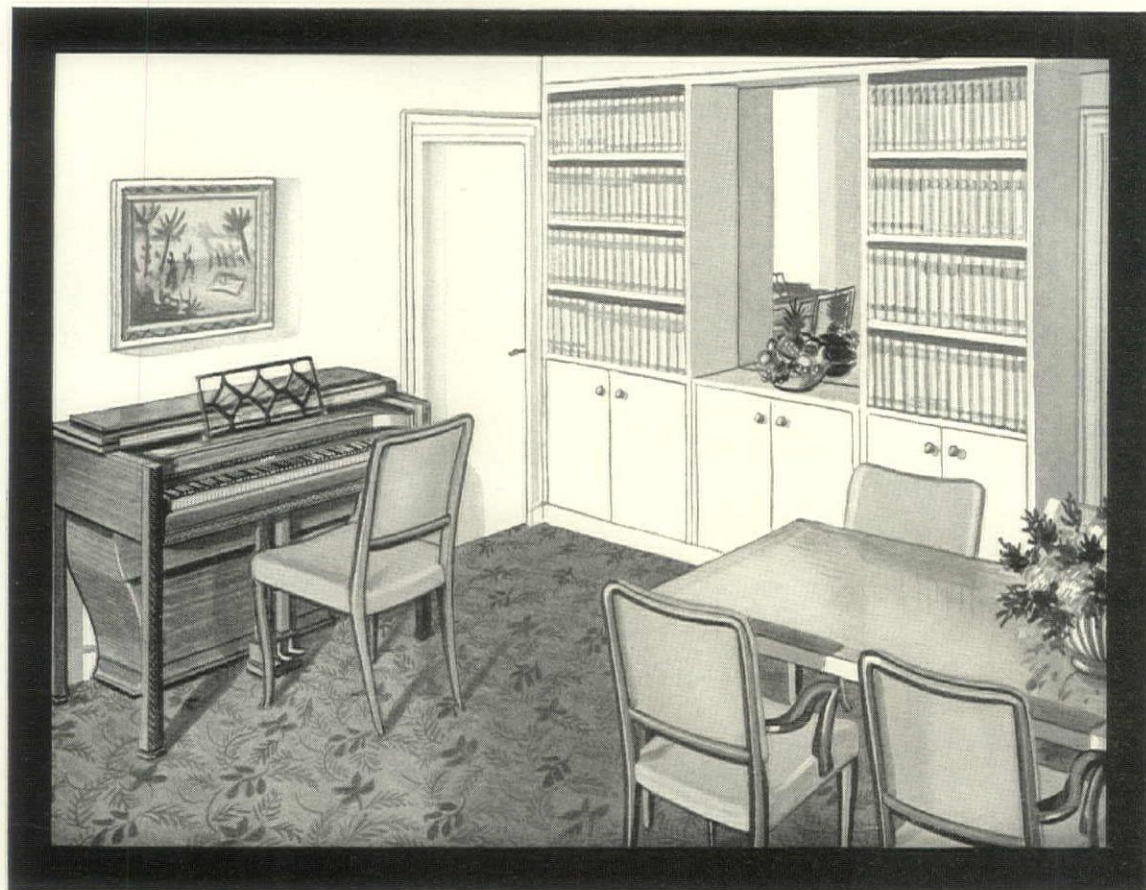
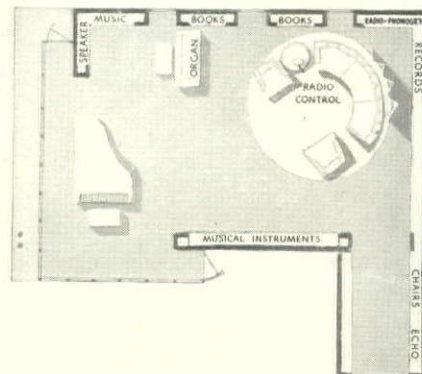
*Living room planned for music*





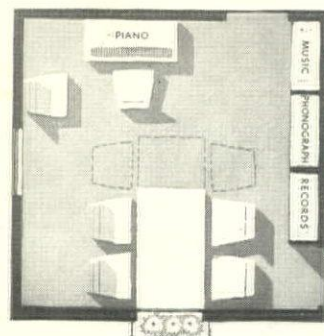
*Designed exclusively for music*

THE very large windows, plain walls, bare floor and high ceiling of this music room create a fully resonant tone chamber. Heavy draperies can be drawn entirely across the walls and windows to provide absorbent surfaces for broadcast and recorded music, which need no added resonance. The modern grand piano (Steinway) is strategically placed for the best tonal effect. The Hammond organ is operated by electricity rather than wind pressure, and has no pipes or reeds. Furniture is arranged for the comfort and enjoyment of listeners. Radio-phonographs, music and instrument storage and a convenient filing system have been built into the walls



*Dining room and music room in one*

IN a small house the dining room, which is seldom in use more than three hours a day, makes a logical combination with the music room. Here the piano can be used for practice or played for long periods without disturbing the rest of the house. With the dining table and chairs arranged in front of a window, as shown in the plan, there will be no interference with the two uses for this room. The Chippendale Musette has a full keyboard and due to its resonant construction provides rich tonal quality in small space. Made by Winter & Co. Notice particularly the built-in cabinets, located under the bookcases, for phonograph, radio and music storage

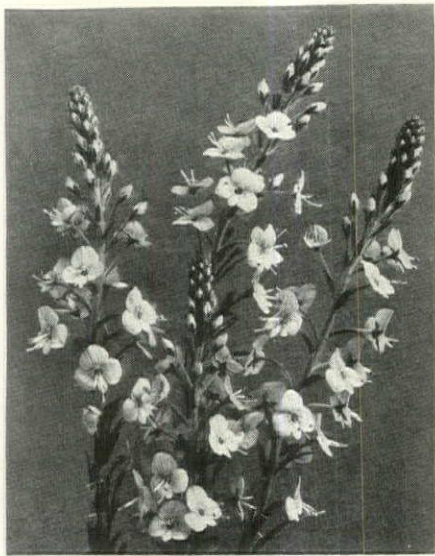






CLUMP SPEEDWELL, *V. LONGIFOLIA SUBSESSILIS*

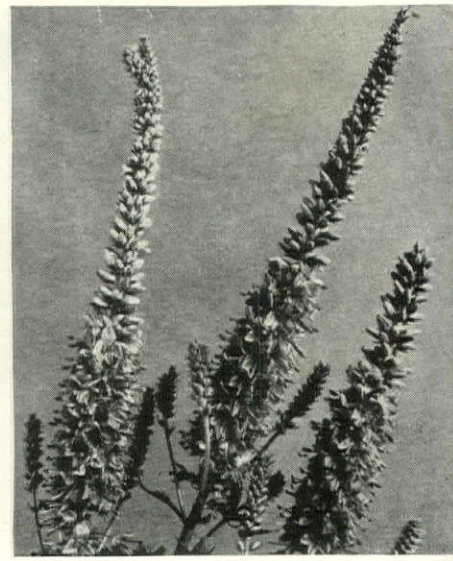
MCFARLAND



GENTIAN SPEEDWELL



VERONICA PARVIFLORA



BLUE SPIRES



# The Parade of Veronicas

*Speedwells for rock garden and border, by Claire Norton*

FROM rampant and inconsiderable weeds to the meritorious charm of the new Blue Spires—such is the colorful parade of the Veronicas.

A very large genus (about two hundred species are now known), ranging from mat-makers an inch or two tall to herbaceous perennials, inevitably numbers among its members plants of exceptional garden value. For average garden requirements a score or so of species and their varieties will suffice. This score or so includes the truly fine Veronicas that have made the quaint flower name "speedwell" synonymous with some of our most useful and beautiful plants for the garden. It includes those that thrive lustily on the ordinary border and rock garden soil in open, sunny positions or occasional light shade. It excludes those shrubby evergreens from New Zealand, decorative and choice as many of these are, because they are not at all hardy unless planted in California and similar temperate climates.

The dwarflies that belong within this score comprise an interesting group for rock work and forepart of the border. Some are little flat creepers, covering their dense green or gray mats of foliage with flowers of blue, white or rose. Others grow from a few inches to a foot or so, still not too tall to be admitted into the select company of the well-planned rock garden, and yet of sufficient height to march down the edging of the border or to stand attentively with other foreground perennials.

One of the best is the hoary-leaved Comb speedwell, *V. pectinata*, from Asia Minor. A dear little trailer this, quite happy in a rock crevice or on a rocky slope where it can spread

at will. It makes downy mats, creeping vigorously over earth and stone, rooting as it grows. In May and June this type produces pale blue flowers. The form *rosea* has flowers of lavender-rose with slightly darker pencilings, white centers and petal edging, and lavender anthers.

*V. pectinata* and its pink form root so readily that they are of value to the gardener who has an unsightly slope to cover. They are good in the rock garden and the walk, as wall draperies, as a ground cover over small Spring bulbs, and for edgings. They are at home in sun or in a little shade. Summer wetness seems to be their only dislike, and they will thrive in almost any kind of soil.

Creeping speedwell, *V. repens*, is undoubtedly one of the loveliest of the little Veronicas. Hailing from Corsica, it is not always easy to maintain over the Winter in northern gardens. In a moist, somewhat protected, sunny or lightly shaded corner, it makes an excellent ground cover plant. In fact, it does not mind even being stepped on and forms a close sod in a short time where grass will not grow.

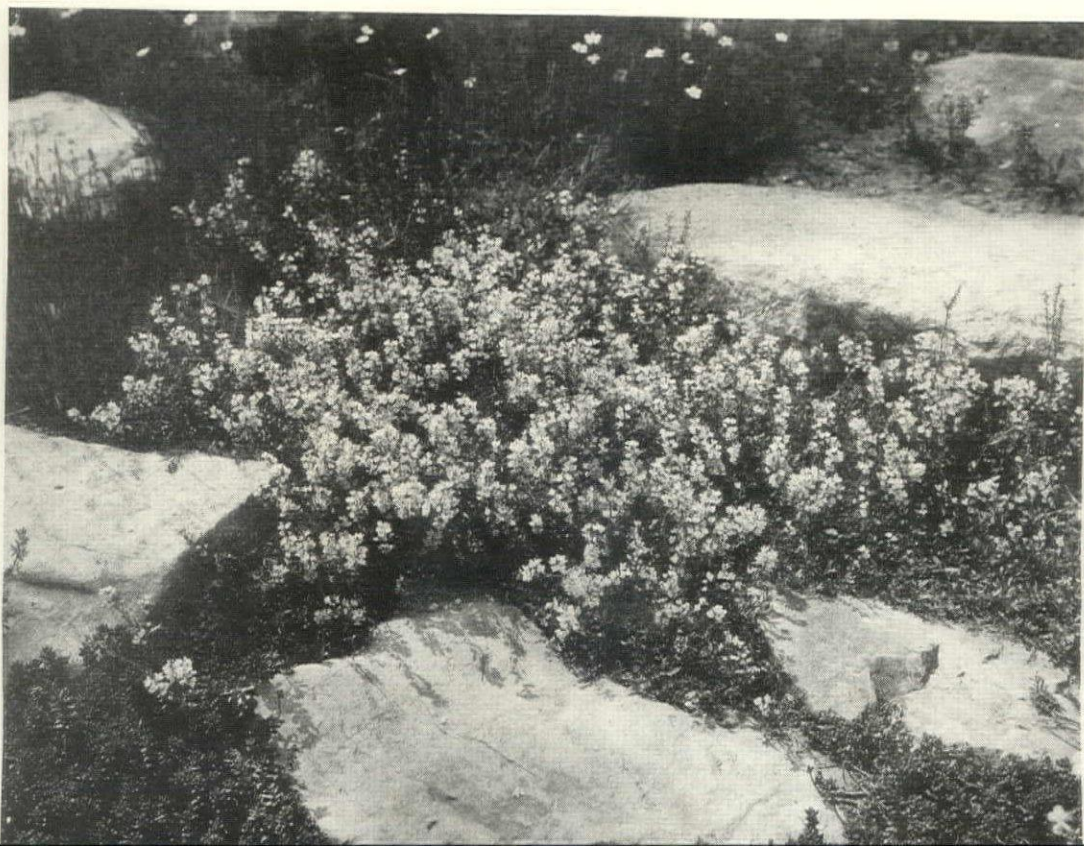
The flowers of *V. repens* are hazy blue, veiling the plants in May or June. Out of bloom, the fresh, glossy green foliage-mats are effective in the rock garden, in the crevices of paved paths and as ground covers under taller growing bulbs and perennials. This Veronica must have good drainage and, since it puts down shallow roots, it requires judicious watering during the drought of Summer months.

With *V. filiformis*, a warning is necessary, for it is much too rampant to go into the rock (Continued on page 91)



SPIKE SPEEDWELL

HAREBELL SPEEDWELL, *V. TEUCRIUM*





# Roses of the Future

*M. H. Horvath, a rose geneticist, reports  
new triumphs after fifty years of work*

ALMOST two centuries and a quarter have passed since Thomas Fairchild, a London nurseryman, first took the pollen of one kind of garden pink and put it on the sticky pistils of another. From the seed that resulted he grew an entirely different kind of pink. People who saw these new flowers marveled, but Thomas was afraid to inhale the incense of their praises. His conscience troubled him. He blushed when anyone mentioned them, for he really believed that what he had accomplished was both unnatural and immoral.

For nearly half a century now I have used my spare time in doing what Thomas Fairchild did, although I do not feel that hybridizing is immoral, nor do I blush too red when people admire the results. That is because hybridizing is no longer a hit-or-miss practice. It is now a highly developed and complicated science. Whereas once men who "crossed" plants did it willy-nilly and were satisfied with being called hybridizers, they now are known as geneticists. Whereas the parentage of their new plants was rarely recorded, such records are now the most important part of their work.

Public interest in ornamental plants has been increasing during the last half century at a rapid rate. The development of public parks, public rose gardens, arboretums, and the efforts of explorers to bring in a large number of heretofore unknown plants from the less explored parts of the world, and from parts known but inaccessible, have materially increased interest in the culture of new plants.

While plants in their original or wild state are often suitable subjects for garden ornamentation, they are comparable to different kinds of lumber cut from exotic timbers, or to stones from different quarries, which possess much greater value and beauty when the artist or sculptor starts working on them.

The plant research man or geneticist does the work with species of plants that the sculptor, the expert mechanic or the artist does with his materials, with this exception: the latter deals with inanimate subjects, while the geneticist works with living organisms. Climatic, geographic, environmental and hereditary influences have to be studied and considered.

Out of thousands of seedlings, resulting from crossing of plants, only a small proportion is ever introduced into commerce. Even after the new plant succeeds in passing the critical judgment of the introducers, the final judgment is still to be pronounced by the public. The introducer gives a new plant every encouragement to develop to a high state of perfection but, when it is commercialized, it will be subjected to indifferent care and treatment. If the plant still persists and does reasonably well, it is here to stay. If not, it will make its exit, as did many of its predecessors. To these rigorous tests, none is more applicable than the rose.

Up to the early part of the present century we have looked to various countries of Europe for novelties in plants, including roses. Eighty percent of the novelties are still supplied by Europe. I have long realized this, and made a strong effort to produce American roses for the American climate.

The native species of this country, to a great extent, are not satisfactory as a foundation stock for improvement, so we have to look for needed stock wherever it can be found. Asia is most abundantly blessed with roses—ninety-two species. Ten or twelve species are native to Europe, and eighteen native to North America. All garden varieties of roses have descended from these species. They have usually five petals and owe their existence to the work of the plant geneticist.

Hybridizers are peering into the dark recesses of the species to discover hidden potentialities that will enable them to give new and more desirable attributes to the coming offspring. To do this efficiently requires a thorough knowledge of the species employed and the selection made is according to established principles of heredity.

The mechanical act of pollination, while it requires skill and proper handling, is only a fraction of the problems the rose hybridizer faces. The fact that some of our rose gardens are mere rose hospitals is largely due to the improper selection of parents. In the eagerness to produce fascinating shades and blended colors, hybridizers often produce roses with weak constitutions susceptible to disease.

The demand for polychrome-flowered roses has been growing ever since they appeared on the scene. That demand had to be supplied. Disease-resistance became a secondary consideration as long as fascinating color was produced. Most hybridizers may keep on producing what the public will buy, until such time as the public realizes that hereditary factors cannot be ignored and learns to appreciate roses with less fascinating, clean colors but with greater hardiness and stronger constitutions.

To attain the above qualities in roses, I have worked for many years. The first installment of the results of this work has reached the commercial stage of development and distribution. These results are shown on the opposite page.

In producing these new strains of roses, I have used a large number of native and foreign species, always feeling my way towards good constitution and disease-resistance first; after which scent, color and other desirable attributes followed.

Correct breeding, coupled with the knowledge of better cultural methods and rational nutrition, will keep these roses in a thriving condition. They will enable the amateur rosarian to grow a good quality of rose. He can dispense with his spray pump and dust gun, and still possess clean foliage to the end of the season.

Climbing roses were known for almost as long as the bush varieties. The use of them in decorative schemes was quite limited until 1893 when I produced four hybrids of the Dorothy Perkins type. Since then there is hardly a rose garden where climbers are not given a place. They are adaptable owing to their extraordinary vigor and abundant flowers.

The time is near when climbing roses will embrace the full range of the worthwhile colors of hybrid teas, with flowers both small and large, in addition to disease-resistance and a hardiness to suit the climate of any part of this continent.





MABELLE STEARNS



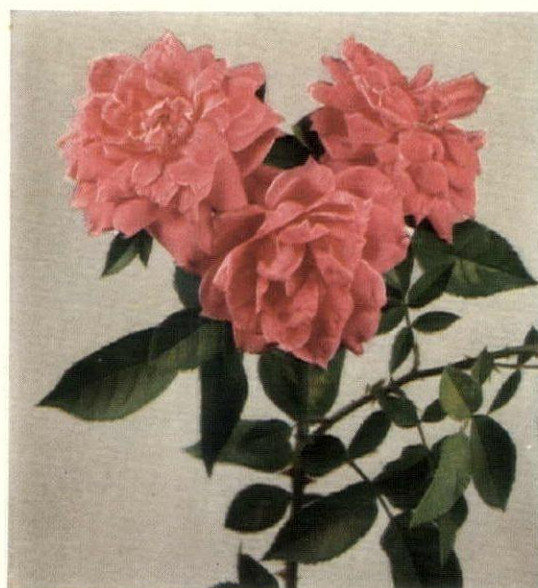
PINK PROFUSION



FEDERATION



HERCULES HARDY CLIMBER



FAUST



CAMELLIA

*Horvath roses defy Winter temperatures*





ANTON BRUEHL • CONDÉ NAST ENGRAVING

*Five o'clock hospitality at its best with tea or sherry to make the conversation sparkle*



# Temptation to Tea

*Traditional silver and china designs  
lend charm to the modern tea party*

Tea having lost its implication of lavender and old lace and gained instead a new tradition of sophistication, we decided to plan a tea table with the most gracious of traditional appointments—and set it in the most sophisticated room we could find. This turned out to be one of William Pahlmann's highly original rooms in the spectacular decorating exhibit at Lord & Taylor, in New York City. The table which resulted is shown on the opposite page in the Pahlmann room which was its inspiration.

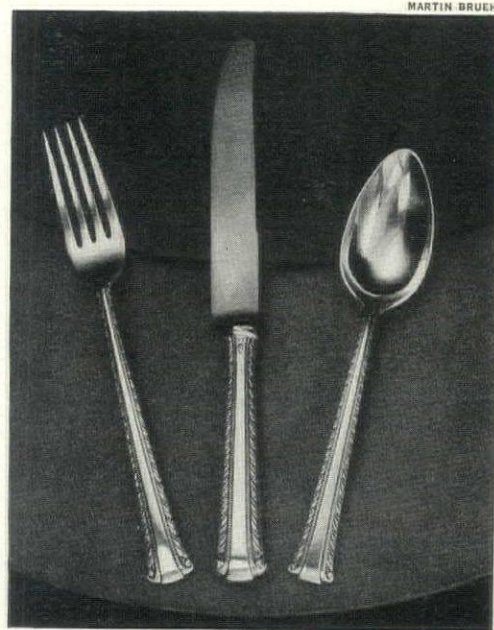
The warm color scheme of chartreuse and bright magenta pink gives an effect of lighthearted elegance. And this theme we have carried out in the table. For the tea service we chose Reed & Barton's distinguished "Staffordshire" design in silver plate with sweeping Georgian curves, enriched by shell and acanthus motifs and gadroon mounting. The teaspoons with delicate scrolls edging the simple shaft are Reed & Barton's new Early American sterling pattern "Nancy Lee", shown in detail at top of this page. From the same source come the sterling sandwich plates, spread with sandwiches and petits fours from Henri.

Wedgwood's informal "Cornflower" china, gay with blue, rose and violet blossoms, serves as a lighter note of contrast, and is found at Wanamaker's. The ivory linen cloth and napkins edged in Point de Paris lace are from Grande Maison de Blanc.

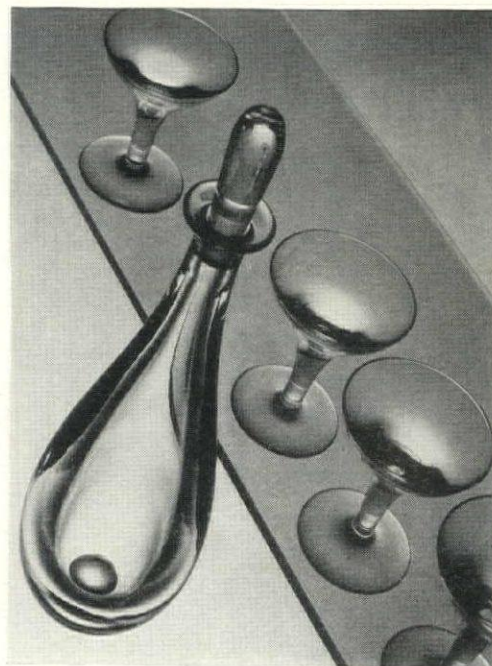
Reflected in the modern mirror table are slender stemmed sherry glasses and a tall tapering decanter of Orrefors crystal, from Richard Briggs Company, Boston. The heavier decanter and glasses on this page are Orrefors crystal at Sweden House.



REED & BARTON'S "STAFFORDSHIRE" TEA SERVICE



REED & BARTON'S "NANCY LEE" PATTERN



ORREFORS DECANTER AND GLASSES



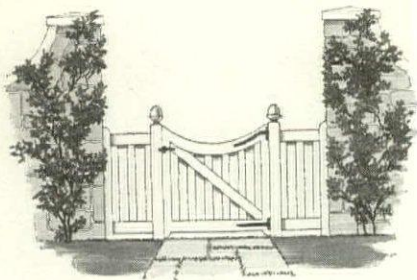
WEDGWOOD "CORNFLOWER" CHINA



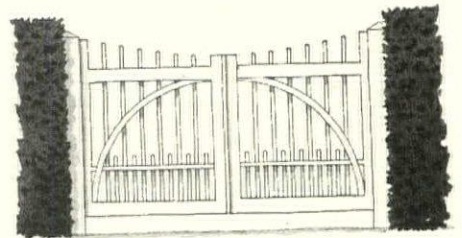
# Garden gates — and

## *Eight gates suitable for town and country places*

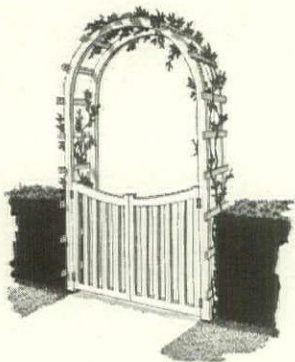
DECORATIVE garden details—gates, summerhouses, walls, fences and steps—must be selected with great care. However interesting or unusual one of them may be, other factors must be considered. The architecture of the house, type of garden—whether it is formal or informal—location in garden, immediate planting, all must be considered. Such details are permanent fixtures. One expects to live with them a long time. If garden changes are made, they must be taken into account. With these suggestions we offer eight designs for gates and ten for lattice to act as boundary walls and divisions between parts of the garden.



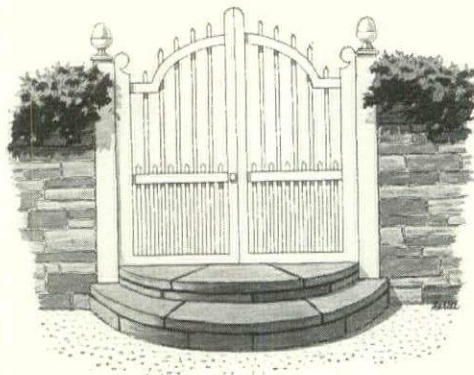
*The side panels suggest this gate for a wide opening, flanked by brick or stone piers or ivy clad pillars*



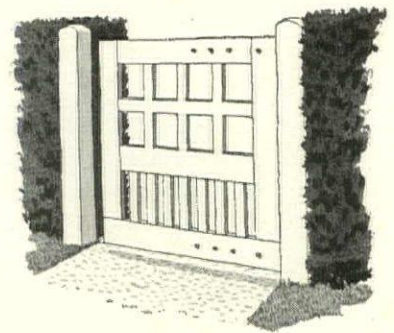
*Another type for a Georgian house. It can be painted white to match the house or green to match the hedge*



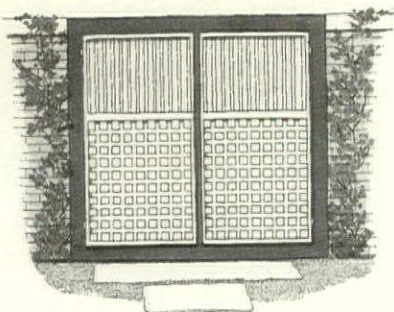
*A simple round-topped arbor gate finds its perfect situation between the flower and vegetable gardens*



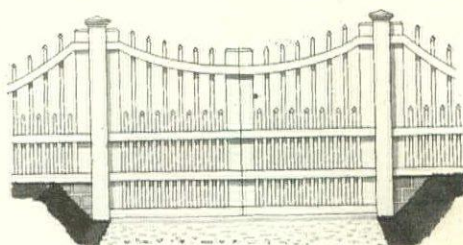
*With its semicircular steps, this Georgian design is suitable for a street entrance in the country*



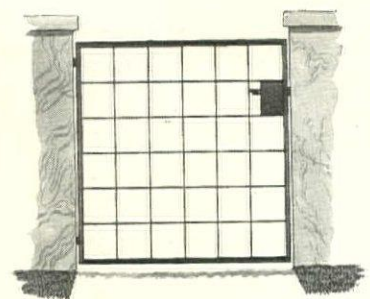
*For a half-timbered house or one of stone this sturdy design of heavy wood is suitable. Stain the wood.*



*A Chinese design suggested this gate for a walled garden. The top is of open slats*



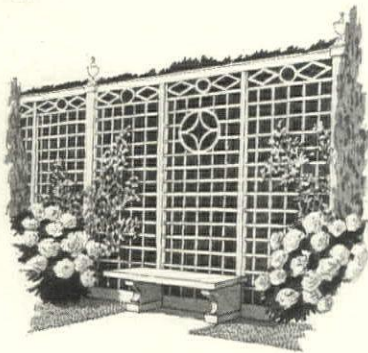
*An old pattern found in the South and dignified enough for the front of a property with broad lawns*



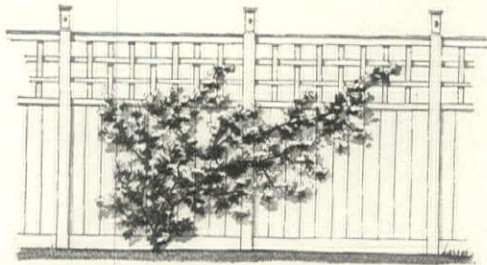
*A modern house calls for a garden gate of squares made by thin iron stiles*



# backgrounds

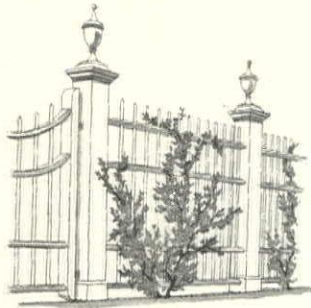


*Decorative wooden lattice  
as garden wall or boundary*

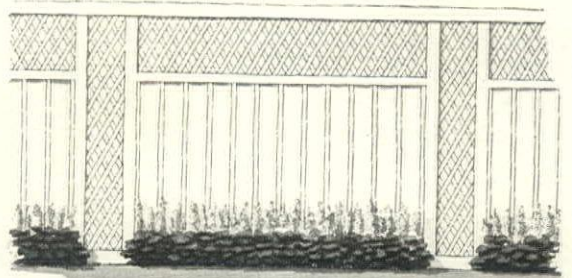


*With a solid base and open top, this  
latticed wall is adaptable to vines  
that need shade part of the day*

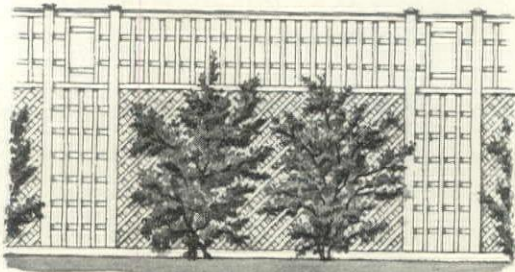
*Elaborate decoration in  
the panels suggests the  
complicated French treillage*



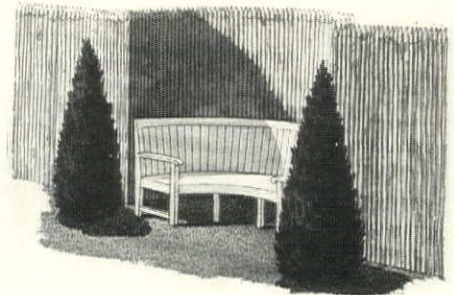
*For a garden of a Georgian  
house use this high fence  
with urn-topped pillars*



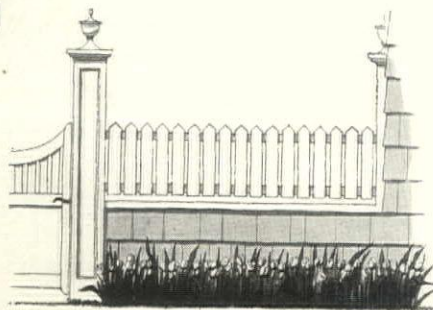
*This lattice and batten fence, painted  
white, makes a good background  
for an all-season perennial border*



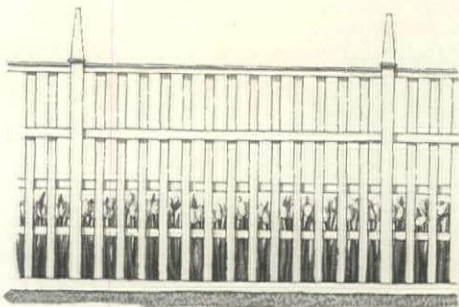
*This tall lattice fence is both  
decorative and useful for  
training espaliered shrubs*



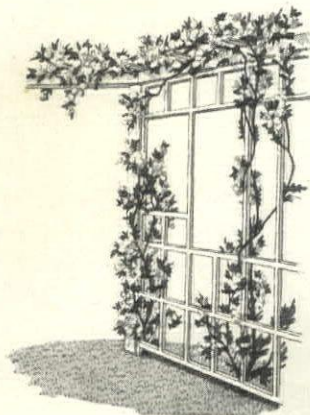
*Sapling fencing has infinite uses  
and can be made into decorative  
shapes for all types of gardens*



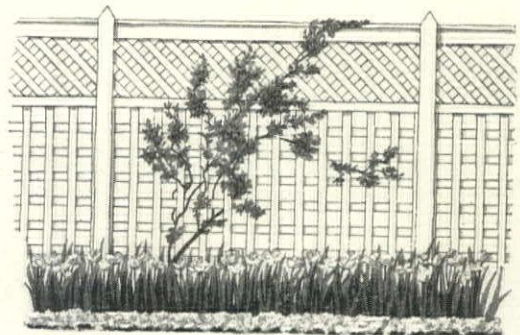
*Enclose the front yard by a  
picket fence on a low wall*



*This open fence, marked with  
pyramidal finials, can serve  
as a good property-line division*



*A light lattice used to divide  
different parts of a garden*

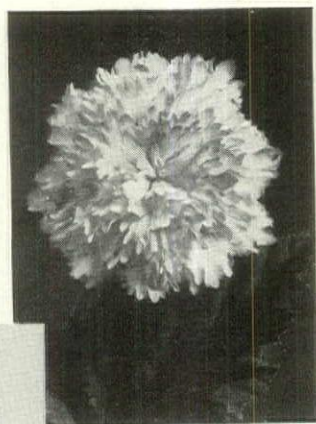


*When the fence is of a pronounced  
design, as here, do not hide it  
with too much high planting*



# Tuberous Begonias

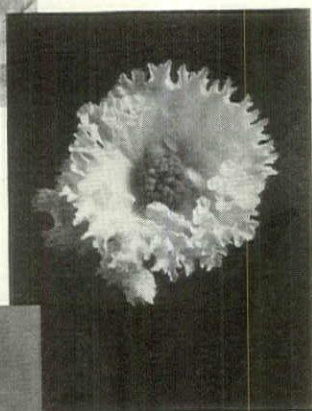
*Gorgeous flowers to grow in shady places, suggested by Wilbur Ruck*



BEGONIA FIMBRIATA



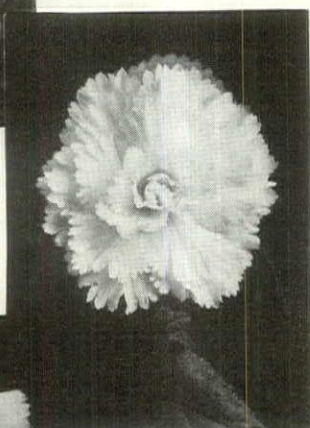
THE SINGLE TYPE



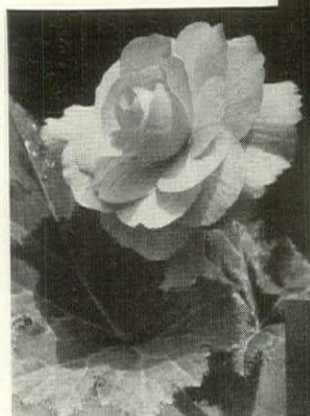
BEGONIA CRISPA



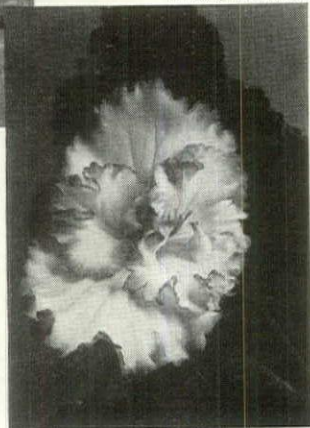
CRESTED TYPE



CARNATION TYPE



DOUBLE CAMELLIA



MARGINATA

WHAT are you planning this year for the shady places in your garden? You have probably tried the annuals and perennials recommended for partial shade and found that they would grow but were poor specimens compared with their sisters in the sun. If this has been your problem, why not try the tuberous-rooted begonia? This is a plant which is more successful in the shade than in the sun.

Contrary to popular belief, this begonia is easily grown and blooms continuously from June until frost. It is ideal for bedding under tall trees or on the shady side of the house, and may also be used in the foreground of shady borders and in porch boxes. It adapts itself to most any type of soil and is quite free from insects and disease, thus making its cultivation simpler and more economical than that of most plants.

Although known to the English gardener since 1847, when it was introduced from Bolivia, the tuberous-rooted begonia is just becoming popular in America. The early flowers were small and unattractive, but by hybridization the bloom has been considerably improved. The modern begonia is a flower remarkable for its size, color and form.

Some of the flowers measure 7 to 8 inches in diameter, and they have a variation of color ranging from pure white through the shades of yellow, salmon, pink and rose to brilliant scarlet. Their exquisite forms resemble some of our most beautiful flowers—such as the camellia, rosebud, carnation and narcissus. The foliage is unusually attractive, and the plant grows about 12 to 18 inches high, presenting a magnificent appearance in or out of bloom.

Start a few of these begonias this year. The satisfaction you will receive depends primarily on the selection of the tubers. A plump two-year-old tuber of medium size is ideal. If possible, select one with two or more eyes to insure a branching plant. Buy early in February from a seed store or grower reputable for quality rather than price. It will pay you to buy the better grade tubers—whether grown here or abroad—for they are superior in both vitality and bloom.

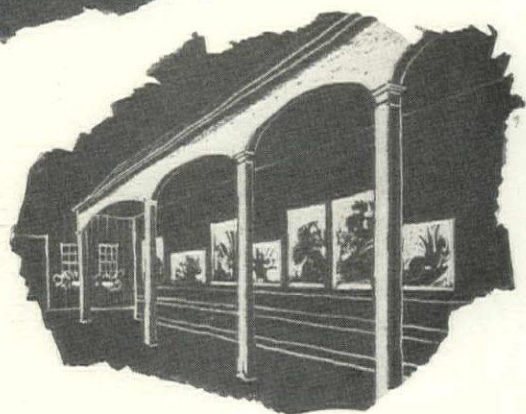
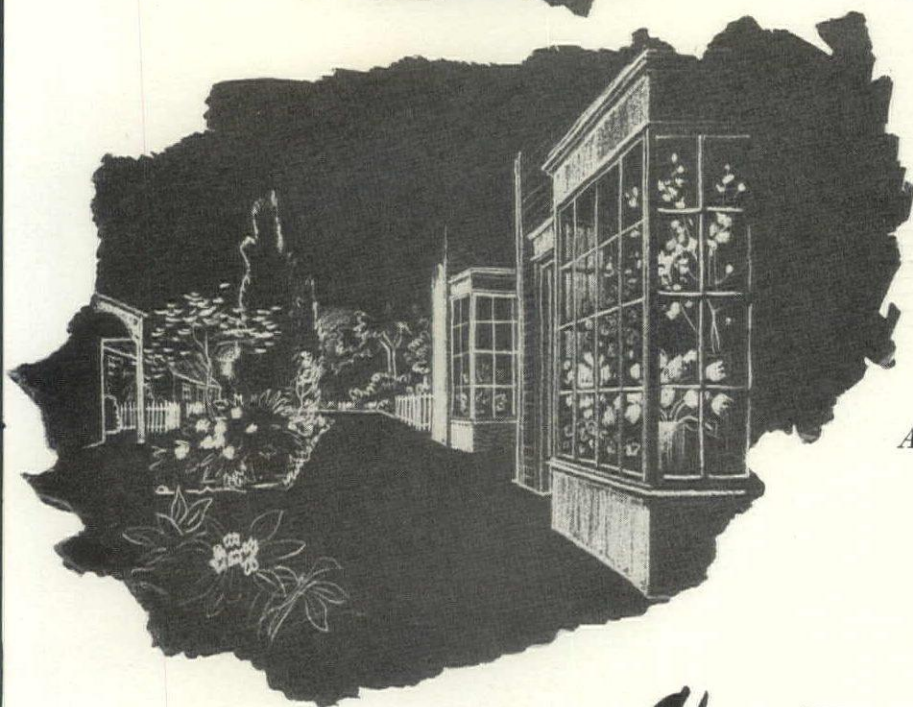
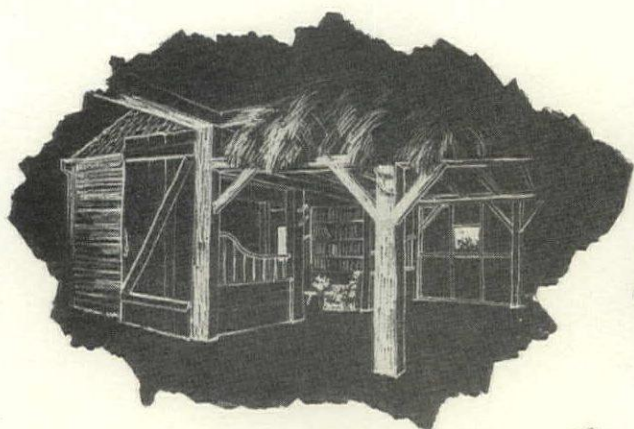
The tubers should be started from February 15 to March 1 for early bloom. Others may be started in April for display in the Fall. Prepare a flat of moist peat moss about 3 inches deep, and put it in a dark place with a temperature of 60 to 70 degrees.

If you are growing begonias in the house, a spot next to the furnace is ideal. Gently press the tubers, depressed side up, into the peat moss. Be sure not to cover them. Space them 2 to 3 inches apart so that the growing roots will not intermingle. To avoid rotting, keep the tubers more or less on the dry side until the sprouts are about 2 inches high.

This is the time to prepare the potting soil. A good mixture contains equal parts of soil, leaf mold and sand.

Remove the tubers carefully from the flat of peat moss so that the roots will not be disturbed, and transfer them to a 4-inch pot, covering them with not more than 1 inch of soil. Use clean pots with sufficient drainage. Bring the begonias to the light, and keep them well-spaced in a moist atmosphere. Do not allow the plants to become pot-bound or leggy, repotting them when necessary. Then (Continued on page 93)





### *A Village by the Garden Club of America*

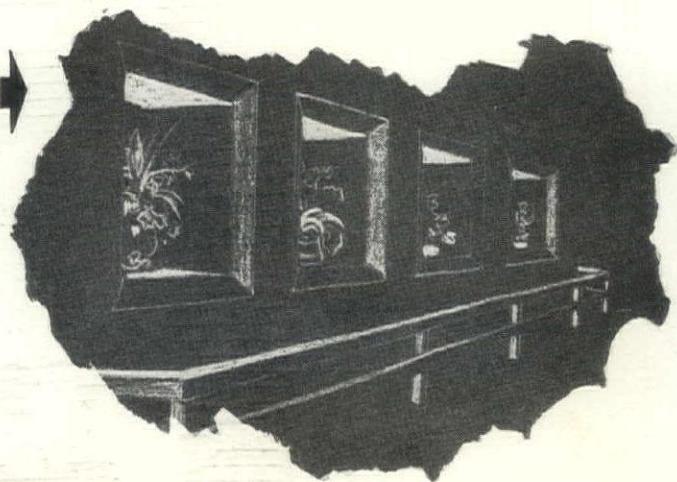
The Garden Club of America will build an entire village—post office, memorial park, rows of cottages with little front gardens, flower arrangements hung as pictures under a long gallery-like shed, florist's shop, roadside planting and garden center.

The garden center, housed in an old barn, will contain a library and an exhibition room, a demonstration of plant progress by the Boyce Thompson Institute, and a herb shop. Besides these will be a model tool shed, a greenhouse and window box displays

## *Flower Show preview*

### *Shadow Boxes by the New Jersey Federation*

At the International Flower Show—opening in New York on March 13th—the Federated Garden Clubs of New Jersey will show their famous exhibits (at right) of difficult plant material raised at home. The flower arrangements will be made fresh each day according to color schemes selected by the committee



### *New York Federation's Chinese Garden*

A walled Chinese garden, moon-gate and all, is the scheme for the New York Federation's exhibition at this year's Show. At the left is the entrance gate, with a glimpse of the temple to stand in the middle of the enclosure. In this temple a group of miniature flower arrangements by members will be displayed

HARRIE WOOD



# The Gardener's Calendar

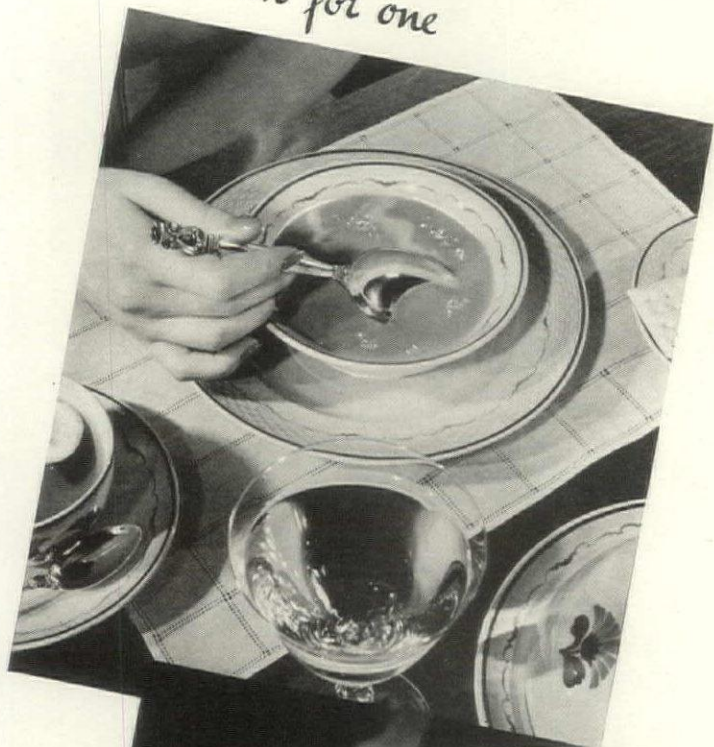
*Though March winds blow their worst,  
the vernal urge stirs gardeners  
into hopeful activity*



- 1** You may know a real gardener by the fact that he doesn't wait until the sap rises to start working. March to him or her is a month of forethought and tasks.
- 2** Garden forethought consists in planning work so that you get it done without undue rush. Budget the time you can give to gardening—and then do a little more.
- 3** By the end of the first week, see that trees, currants and grapes are pruned. Don't prune trees that flower in Spring such as magnolias, crabs and cherries.
- 4** At this season some people put salt on their asparagus, this being a maritime plant. A complete fertilizer is better. Have you trimmed your grape vines?
- 5** If you have not already done so, spray pears, lilacs, flowering almonds and quinces for scale. Use lime sulphur or a named remedy, Scale-o, Scalecide, Sunoco.
- 6** When growth starts, lift mulch from strawberry bed. Press back plants heaved out by frost and spread the mulch between and around them to protect the fruit.
- 7** Early this month sow sweet pea seed. It should go in 5" deep, and be covered with 2" of soil. As plants grow, fill the trench, thin out and stake with brush.
- 8** Indoors start such annuals as ageratum, asters, chrysanthemums, cosmos, gaillardia, moonflowers, morning glories, nicotiana, phlox, snapdragons and verbena.
- 9** Spring work on lawns consists in raking, feeding with a lawn fertilizer and reseeding bald spots. Commence rolling the turf regularly after frost has gone.
- 10** Don't be too anxious to take the mulch off roses and perennial beds. Remove the rough litter first, then wait for warmer days to take away the remainder.
- 11** In lifting mulches and in the first Spring cultivating, be careful not to shift or destroy labels. No gardener can stand a nameless plant or mixed labels.
- 12** Coldframes should be aired on warm sunny days by lifting the sash. Be sure to close at night. At sudden frosts, cover the frames with straw mats.
- 13** Lift the mulch gradually from rock gardens. Press back plants heaved by frost. Top-dress with sand, screened soil and peat moss, mixed one-third each.
- 14** Sow seeds of half-hardy plants or of those having such a long season they would not bloom if sowed in the garden later. Start late cabbage and cauliflower.
- 15** Don't waste your aspirins on spent flowers. Cut their stems under fresh water. A lump of charcoal or a few drops of formalin will keep the water pure.
- 16** Dahlia cuttings may be started now. Dahlia seed may also be sown in individual pots. These, of course, go into the house, the hotbed or greenhouse.
- 17** It won't do any harm to scratch the soil around tulips and daffodils that are up. The cover plants, such as pansies and forget-me-nots, are set out soon.
- 18** Towards the end of the month you are safe in removing the burlap and other protection from around evergreens. Be sure to store it away in a findable place.
- 19** The litter that came off mulched beds should be the first contribution to the new year's compost heap. Turn the old one over and begin screening leafmold.
- 20** As soon as roses are uncovered, count your dead bushes and order new ones immediately. Dormant plants now are infinitely better than pot plants later.
- 21** Those wood ashes you have been hoarding all Winter in a dry place can now be raked into the soil around delphiniums, grapes, iris and roses. They add potash.
- 22** When the roses are finally uncovered, prune hybrid teas back to the second outside eye, cut out weak and dead wood and spray with lime sulphur to prevent canker.
- 23** Climbing roses that have been laid down can now be fastened back in place. Give the same spray as hybrid teas, but don't discard apparent dead ones too soon.
- 24** If you are lacking leafmold to mix with soil for seeds or top dressing, use finely ground peat. And, by the way, repaint trellises before vines start to grow.
- 25** In your plant window you can take leaf cuttings from sansevieria and produce new plants of African violets from leaves, which will flower in the Autumn.
- 26** Fuchsias which have been resting can now be brought to the light and heat, repotted if necessary, and will begin blooming shortly. Take hydrangea cuttings.
- 27** Remember that gladiolus corms should not be set out until oak leaves are the size of squirrels' ears! After that, plant them every two weeks for long bloom.
- 28** In your potting shed have you a good supply of labels of different sizes? And a stout pencil to mark them hung on a string to frustrate conscienceless borrowers?
- 29** Collecting pea brush should be made a boy scout good deed. Often children can be induced to take over gathering a year's supply for their parents.
- 30** Manure mulches around shrubs and trees should be forked in lightly. Thin out rampant clematis vines. Set out orchard trees and small fruits very early.
- 31** If you are not accustomed to heavy work, go at your gardening gradually. Each day the back grows stronger, the knees bend easier, the hands can take a firmer "holt." You will also become hardened to wind and rain and to standing up a long time and to being patient when seeds don't sprout as quickly as you hoped.



2. Lunch for one



1. Sunday Supper

## FOUR FINE SOUPS

*to cream or not to cream*

Two-way, double-duty soups are these — versatile, like your ingenious little jacket-and-skirt outfit that suits itself to so many occasions. Delightful soups prepared the usual way, with an equal quantity of water. Delightful, too, and extra-nutritious as cream soups, with milk added instead of water. For instance:

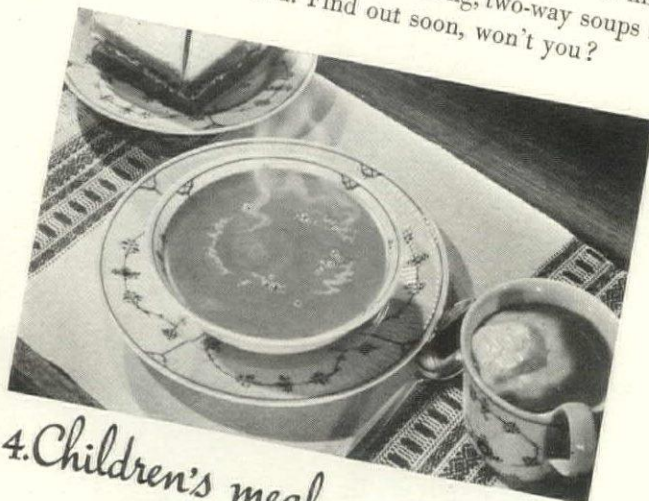
**1. CREAM OF ASPARAGUS**—Tender green shoots, fresh from the garden, are blended in a velvety purée by Campbell's expert chefs. Fine butter enriches it, and dainty asparagus tips enhance it. Prepared with milk and served forth in a heated tureen, this might well be the *pièce de résistance* of a winter Sunday supper. **2. CREAM OF PEA**—A smooth and soft purée of peas that brims with good garden flavor. A perfect dish for lunch in haste on a crowded day. **3. CREAM OF CELERY**—starts dinner off auspiciously. A delicate purée of fresh, snow-white celery; fine table butter and tender celery pieces added in Campbell's kitchens; then milk added in your kitchen—and there you have a perfect cream of celery to set before your guests. **4. CREAM OF TOMATO**—Keep a weather-eye on your children's milk quota, and let them have Campbell's Tomato Soup as *cream* of tomato often. In it the food-value of sun-ripened tomatoes supplements the nourishment of milk . . . You will find that these accommodating, two-way soups fit perfectly into many a menu. Find out soon, won't you?

3. Dinner begins



**Campbell's Soups**

LOOK FOR THE RED-AND-WHITE LABEL



4. Children's meal



# Fragrant Prelude

## TO A LONG FRIENDSHIP



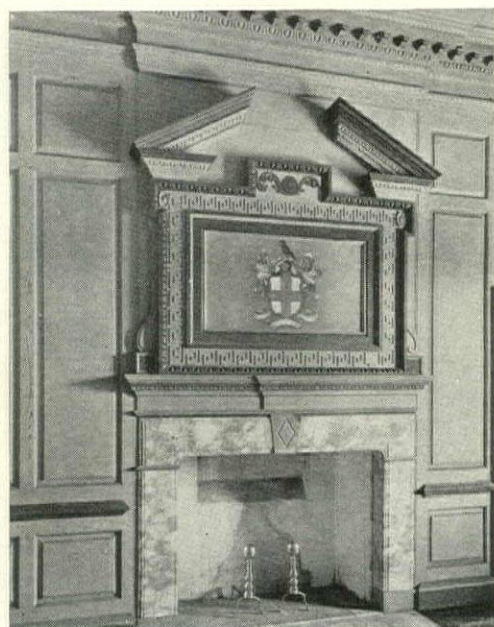
*TREASURE BOX*  
complete with mirror-picture  
\$100

YOU, to whom Old Spice Toiletries are new, will find the Treasure Box an enchanting introduction to the roses-and-spice fragrance of Early American days. The mirror, decorated as in olden times, with an old-fashioned scene, colorfully enhanced by a star-spangled mat, and ready for framing, is an added attraction—an Early American token to you....YOU, who are already Old Spice devotees, will be just as captivated, for the picturesque Treasure Box is an extraordinary value, generously stocked with your favorite Old Spice Toiletries...*Toilet Water—Talcum—Sachet—and Toilet Soap.*

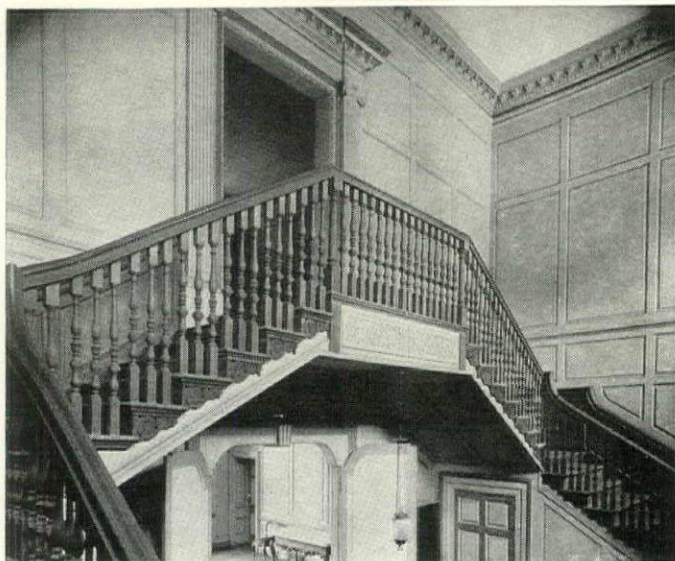
### INTERIORS OF DRAYTON HALL



The great paneled entrance hall of Drayton Hall, with its beautifully decorated ceiling, and overmantel said to be an adaptation of a design by Inigo Jones. The unusual stair hall may be seen through the door



Directly over the great hall on the second floor is the drawing room, also imposing in proportions and detail. We show, above the fireplace of this room, the overmantel decorated with the family coat of arms



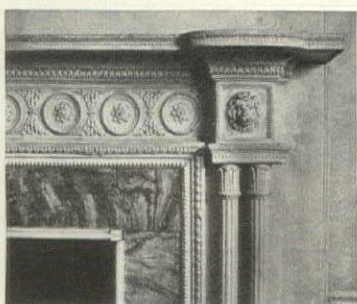
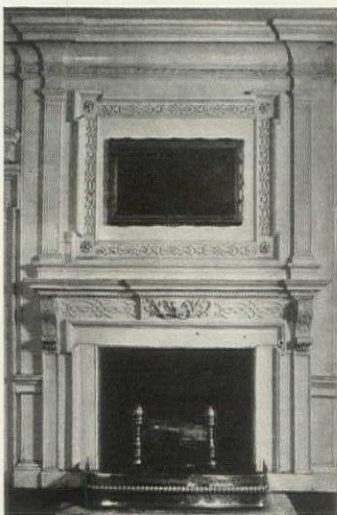
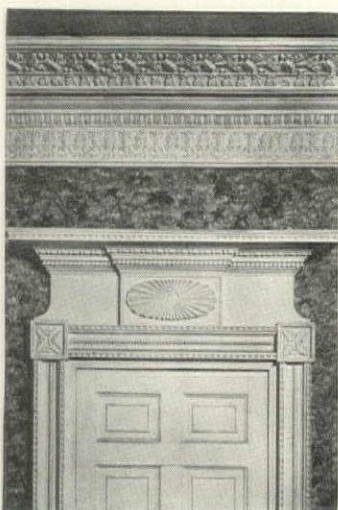
The stair hall with its double flight of steps. NOTE: Photos are reproduced by courtesy of the publishers of "Plantations of the Carolina Low Country" and of the photographer, Frances Benjamin Johnston



## CHARLESTON INTERIORS

RIGHT: Note influence of the Brothers Adam in this doorway and the moldings of the 89 Beaufain Street house

BELOW: Nymphs dance in bas-relief on this slender-columned mantelpiece in an old house at 89 Beaufain Street



ABOVE: Gabriel Manigault's characteristic decoration in this graceful mantel for his brother Joseph's house

LEFT: Classic mantel in the Heyward-Washington drawing room, with typical figure-eight diamond motif



Looking into the reception room from the hall in the McDowell house, 32 South Battery. The unusual reeded doors are balanced by another equally imposing pair on the opposite side of the hall



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## THE IRONWORK OF CHARLESTON

IRON grilles and gates are as vital to Charleston atmosphere as white-pillared porticoes, melodious street cries and sweet-smelling wistaria. In fact iron has been used so persistently over such a long period that the evolution of American ironwork may be traced within a few city blocks.

Perhaps the British love of privacy accounts for the prevalence of walls and iron gateways. The ornate balconies, too, are doubtless a heritage introduced by British settlers who had lived under the Spanish, Portuguese and French influences in the West Indies. But whether for romantic balconies, protective gates or utilitarian grilles, Charleston iron has been beaten into a surprising variety of intricately graceful forms.

The climatic conditions of South Carolina obviously increased the popularity of ironwork. Piazzas, porches and balconies must have made life noticeably more endurable during the long, sultry months when a sea breeze was diligently courted. Hammocks, rocking chairs, joggling boards and mint juleps were therefore a part of this picture, framed always by a profusion of fine ironwork.

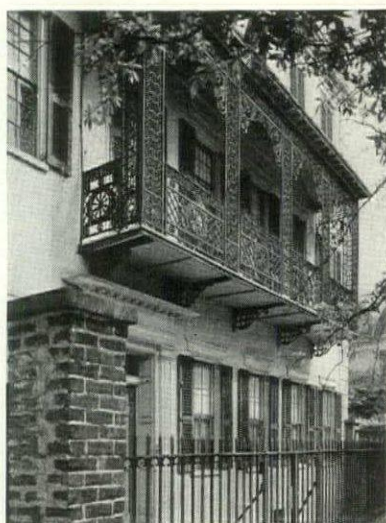
Architecturally, too, iron grilles and gates were a necessity. The low marshy ground demanded that most homes be built on arcaded basements. A means of ascent to the upper living quarters had to be provided, and the stilted appearance of a house thus built above eye level had somehow to be counteracted. The use of wrought-iron gateways and gracefully designed stair

rails solved both problems in a most decorative manner.

Today Charleston's public buildings, her dignified homes where the "quality" live, and even her humble negro dwellings all exhibit devices in ironwork which spell an old-world charm. Some gateways are made entirely of iron; some, as in the Green Street house shown on the opposite page, use iron as an arch; and still others combine iron with the brick of the garden wall. Iron leaves the yard and adorns the house, where it is used for door grilles, for clock or awning supports, and for interior stair-railings and balconies.

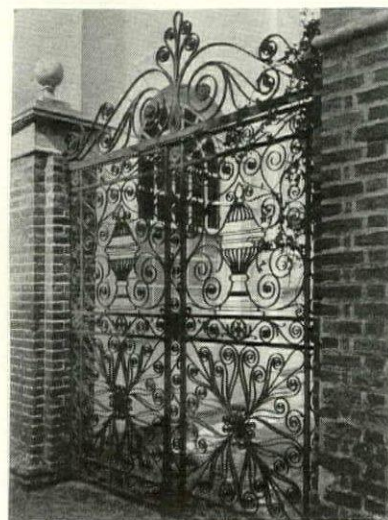
Charleston balconies vary in shape and purpose. They may extend entirely across the front of a house (such as that belonging to Nathaniel Russell's house, built in 1811), or they may span one window only. In shape they are semi-circular or rectangular—the latter best exemplified in the Meeting Street house of Henry Manigault, illustrated below on this page. The later Victorians concocted entire balconies of cast iron, and in some cases these were added long after the houses were built. The Charles Alston house and the Governor John Rutledge house illustrate two of these additions.

On the whole, Charleston ironwork is simple in treatment as compared with the sophisticated ironwork of the old-world countries from which her craftsmen came. And, though few craftsmen signed or dated their work, little ironwork has been removed from the houses  
(Continued on page 69)



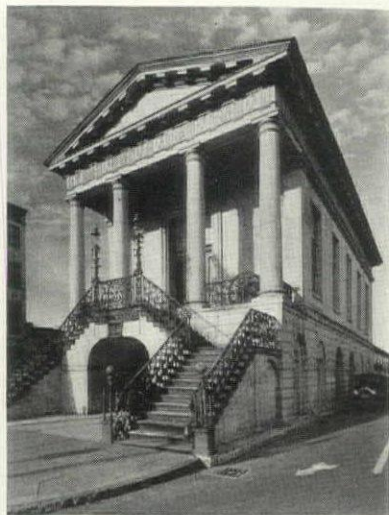
THIS house on Meeting Street has an unusual rectangular balcony which is partially supported by a series of ornate iron brackets. Around the balcony runs an elaborately decorated railing which shows a masterful combination of geometrical and classical motifs—the Greek key and interlaced circles

THE gateway of St. Michael's Church (made in 1840) is one of the outstanding examples of Charleston's exquisite ironwork. The urn motif is subtly blended with double scrolls into a graceful tracery of ironwork. On either side the sturdy pillars of brick provide most pleasing contrast





## THE IRONWORK OF CHARLESTON



THE stair rail of the Public Market provides an interesting illustration of the extensive use of ornamental scroll work. Here we find the rugged sincerity characteristic of the early ironwork executed by Charleston's craftsmen. Note the iron lamp posts, a typical finishing touch in large work

IN THE gateway of Number 14 Green Street, ornamental ironwork serves still another decorative function. It is used here as a graceful arch between the stone pillars of the garden gate. The gate itself is a cleverly wrought network of iron which has the rosette motif as its central figure



(CONTINUED FROM PAGE 68)

and public buildings of Charleston. We can therefore divide the history of iron into three distinct periods which correspond to other arts developed at the same time.

In the first period, during the middle and late 18th Century, Colonial ironworkers executed their trade with rugged sincerity. A blacksmith from Tunis and his partner, both early Huguenot settlers, are representative of this pre-Revolutionary period. Their work is, of course, heavier and less graceful than that of the middle and later periods, but there is much vigor and sincerity in the strong curves and sharp angles of their designs, seen in several gates and fences erected around post-Revolutionary churches. The rosette pattern, later to become over-formal and stylized, was used to a great extent by these two Huguenots and the German, English and negro workers who followed them.

The ironwork of Charleston's middle period often reproduced the graceful motifs then seen in sterling and Sheffield silver. The classic lyre found on candlesticks and chair-backs and the painted glass of Empire mirrors was faithfully repeated in iron. And from this second period designs of urns and hearts, of wheels and sunbursts, all remain to demonstrate the possibilities which the artists found in their medium. Floral or geometric patterns, lattice work and scrollwork were tremendously popular, and the free-flowing C and S forms of strap iron

were widely used. Old Hibernian Hall, boasting a harp all in iron, St. Michael's lacy gateway and the staircase railing of the Old Market (here illustrated) are but a few of the pleasing examples of this period.

## WROUGHT IRON'S DECLINE

The vigorous art of the middle period gave way, unfortunately, to a semi-mechanical process: cast iron replaced wrought iron. A spate of spearheads and fans, palmettes, stars and birds, scrolls, circles, uprights and human figures flowed from the molds. It was a far pleasanter process, under the hot Southern sun, to pour metal into a mold, sit in the shade and wait for it to cool, than to beat out the red-hot iron for long hours on the anvil, uncomfortably close to a roaring forge. Designers adopted the slogan, "The more motifs the merrier"; and over-elaboration and a surfeit of detail marked Charleston's Victorian ironwork. This over-elaboration, however, is found in all American art of this period, and in Charleston's glamorous, semi-tropical setting, exuberant Victorian charm finds a sympathetic background.

The machine age in America forced the swan song of Charleston ironwork. But in its golden age, the abundant heritage which Charleston and New Orleans offer is a constant reminder of the architectural value and decorative permanence of wrought iron.

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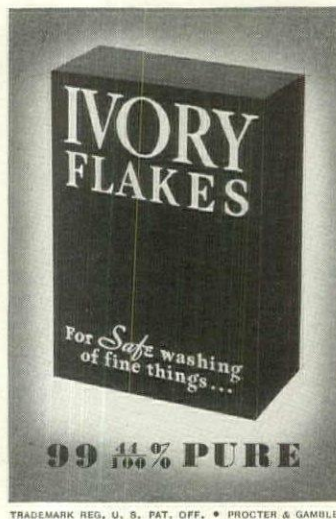
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## THE OLD SLAVE QUARTERS

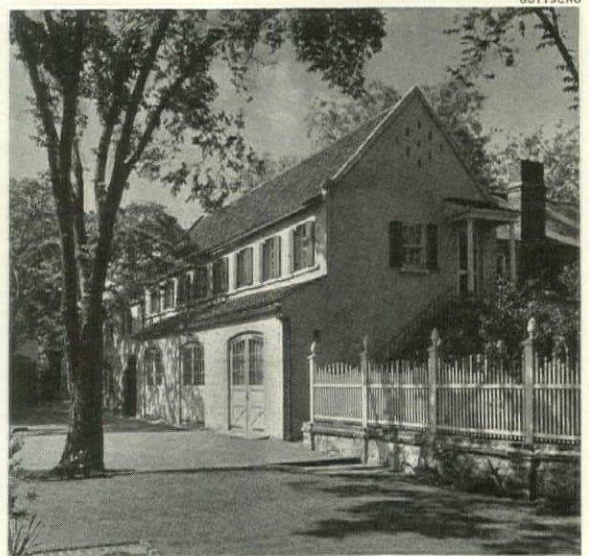
AMONG the most interesting features of Charleston's architecture are the old slave houses which accompany both the plantation home places and the town residences of the planters. Here we show five of these weathered dwellings—some still in use as servants' quarters, and one now a famous etcher's studio. Like the old kitchens, these buildings were placed close to the house but separate from it because of the potential danger of fire. For this same

reason, the walls were always of brick though the great house might be wood.

The slave houses were long and compact and, in contrast to the great house, rather narrow—and most of the other outbuildings, kitchens, coach house, dairy and stables, followed this silhouette.

A colorful part of plantation life was the slave street—rows of slave cabins for the Negroes on the place.

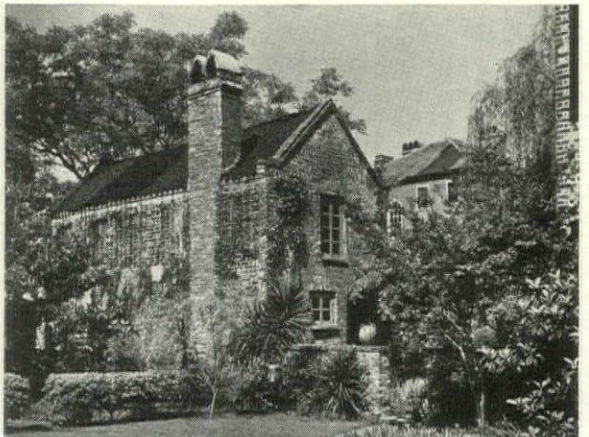
(Continued on page 92)



Old slave houses, overlooking Mrs. William A. Roebling's gardens at 64 South Battery, now converted by her architect, Dwight James Baum, into garage and servants' quarters



Built before 1740, these old tin-roofed quarters held the planter's coaches and stables as well as his house slaves. At 32 S. Battery, they now belong to the A. Kinloch McDowell home



Once the old kitchen and slave house, this building behind the main house at 46 Tradd Street, now serves as the charming studio of Alfred Hutty, the famous etcher of Charleston scenes

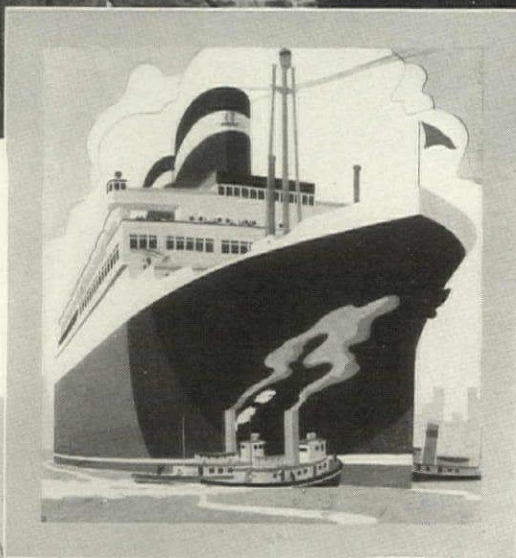


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After-dinner coffee in the smoking room, decorated in an American Indian motif. Soft wood-paneling reflects the warm glow of the fireplace.

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## OUT FROM CHARLESTON

"No pleasure endures unseasoned by variety." And even in Charleston narrow walled streets, radiant gardens, shrimp soup and groundnut cakes yield in favor of fresh vistas.

For some, Charleston will be the starting point for leisurely trips south toward the Gulf States or north into the Smoky and Cumberland mountains. But for many more the departure from Charleston will mark the end of a vacation with but a few remaining days for independent fun. It is for this last group that we offer four suggestions for sidetrips away from the Carolina Low Country. All of these stopovers can be reached by rail and motor; at least one of them will be in the direction of a homeward route.

### OVERTAKE THE GOLF FANS

A little more than two hundred miles north of Charleston, set among long-leaved pines characteristic of the Sand Hill section of North Carolina, lies Pinehurst where golf vacations are in vogue. A simple motor route from Charleston is U. S. 60 to Clifton Forge, U. S. 220 to Greensboro and N. C. 2 to Pinehurst. By rail and bus, with one change, the leisurely village atmosphere of Pinehurst can be reached in less than seven hours. There the broad porches and open terraces of the Pinehurst Country Club are the real centers of the social and sporting life of the community. In the informal grill luncheon is served before an afternoon round of golf on one of the three golf courses.

On one of these courses that has a watered fairway and a championship layout, there will be four Annual Golf Tournaments during the month of March: two for women, one for senior men, and the Thirty-Seventh Annual

United North and South Open Championship. This schedule for March is typical of the tremendous golf activity carried on at Pinehurst throughout the year. Tennis, polo, horse shows, skeet grounds and a rifle range are available for "rest periods".

### JOIN THE BEACHCOMBERS

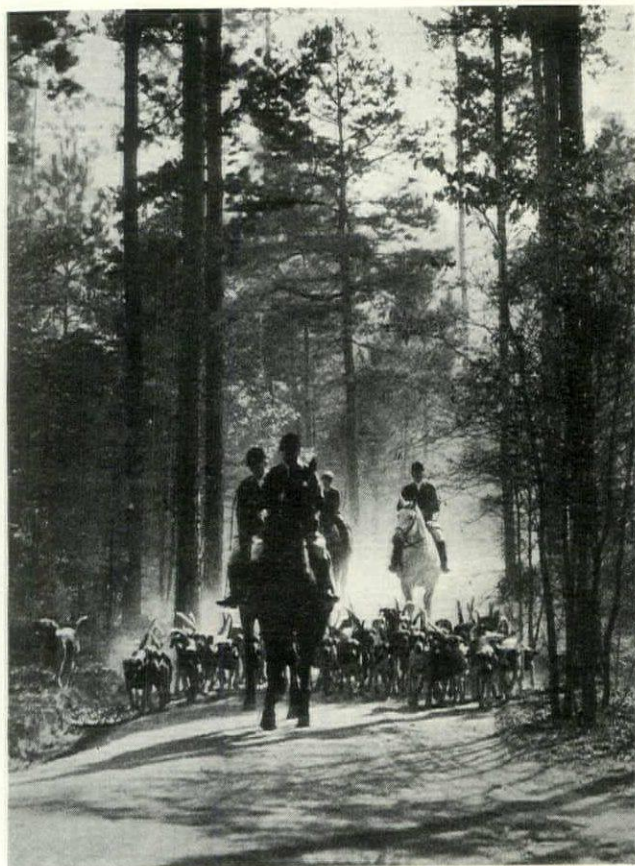
South this time, to Sea Island, Georgia, which makes a strong appeal to those who like the intriguing atmosphere of island isolation and the accompanying watersports. The island, connected by a causeway to the mainland town of Brunswick, is just two hundred miles by car (U. S. 17) and five hours by rail from Charleston.

Surrounded by Black Banks River and the Atlantic, the entire island is given over to residences, sports clubs and cycling trails under the direction of the Sea Island Company. Within the Cloister Hotel southern and continental meals featuring seafoods are delightfully served; concerts and dinner-dancing are offered for evening entertainment. But the greatest attractions in this island paradise are the five miles of smooth beach, the yacht and boat club on the Inland Waterway, and the fishing camp where guides and boats may be rented for deep sea fishing.

Sunbathing, swimming, fishing and boating are more popular than the skeet fields, golf courses, tennis courts and lawn games that are accessible very near the hotel. Sea Island remains an ideal spot for an aquatic holiday.

### OFF FOR BOOTS AND SADDLE

A short distance west of Charleston (a little over a hundred miles on (Continued on page 89))



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Nothing, indeed, is sought with rush or clatter in this coral Arcady next door. Life is thrilling enough at bicycle pace. Those who *must* hurry relax in a cushioned carriage. Motor traffic is banned in Bermuda, along with smoke-belching chimneys, and like disturbers of the peace.

Here, in this land of sun and flowers, is the balm for all your sorrows (including hay-

fever). Even the climate beguiles you. Forever pleasant, it offers year-round indulgence in your favourite sports . . . golf . . . sailing . . . game fishing . . . tennis . . . bathing on beaches of rose-tinted sand.

Are you the one to stand by and let such delights go untasted? Isn't it time you left haste and scare headlines to others, and found sweet sanctuary in this spot so beautifully strange?

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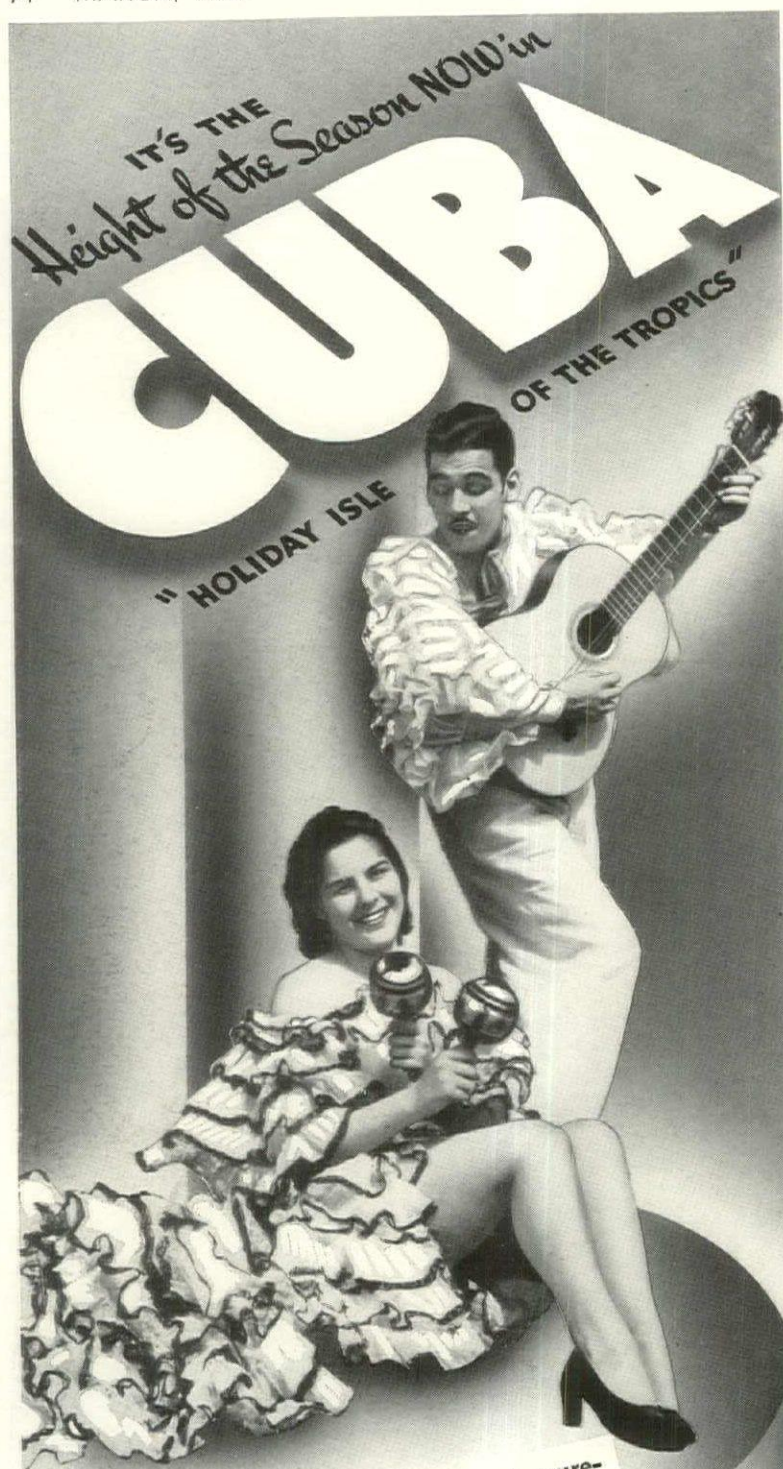
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## WINES AND FOODS

*A monthly commentary on fine beverages and unusual recipes written by the Editor who is also President of the New York Wine and Food Society*

SMILES IN RHODE ISLAND. March is the month when Rhode Islanders begin to look glum. A good six months have gone since blueberries were in their prime and another five must pass before they come in again. In that state, they say that children fed on blueberry johnnycake will positively smile for the next six months.

WINE COUSINS. The wines of Anjou and Touraine are cousins under their grape skins. The best of Anjou are blonds, and the best of Touraine mostly red-heads. Their relations spring from vineyards and valleys that face the Loire River and its tributaries. Most are still wines. The Anjous are straw-colored, fruity, sweet and seemingly docile, but, like some country girls, they pack a decided wallop. The red wines of Touraine have more body, bouquet and beauty than those of Anjou. Both of them make a perfect accompaniment for a light meal.

Vouvray, both still and sparkling, is the Touraine best known to Americans. The sparkling type comes so sweet that we recommend it for dessert rather than before or during a meal. Of the reds, those of Bourgueil and Chinon are considered the best.

Of the Anjou wines, the best still white types are those of the Coteaux de la Loire and the Coteaux du Layon. Sparkling Saumur hails from the Coteaux de Saumur and is a champagne that is favorably priced. Besides these are the white wines of the Coteaux du Loire and of the Coteaux de la Sarthe. Sometimes these wines are found under these names. In more extensive lists, each Coteau has its own selected group. Thus under the Coteaux de la Loire come the wines of La Coulée de Serant, of La Roche-aux-Moines, of the Château de Savennières; and from the Coteaux du Layon, the Quarts de Chaumes, the wines of Thouarcé, Rochefort-sur-Loire and other particular spots of production.

The way to know these charming wines is to begin with Vouvray and Coteaux du Layon. Then, as others are found on wine lists, pick up a bottle or two to discover their mild subtleties of flavor. Best of all is to go to the Valley of the Loire itself and devote several Summer weeks enjoying the scenery and the wines in a leisurely fashion.

TIME AND TIPPLERS. A fellow gourmet of Washington, D. C., reminds us that in Colonial days a tavern-keeper was forbidden to permit any person to continue "tippling above ye space of halfe an hour." Also he had to post in a public place a list of persons to whom liquor could not be sold. Drunkenness was defined as that state when one "lisps or faulters in his speech by reason of Drinke or staggers in his goings." At "nyne by ye clock" all taverns had to close tight as a drum.

Perhaps our forefathers were wiser in their generation than we are.

ANISE. Most people think of anise merely as the seed used to sprinkle on coffee cakes and sweet rolls. Which makes us wonder what the United States does with the rest of the 500,000 pounds of aniseed imported here annually. Some go into pickles, some into cordials and a lot into cough medicine. It can be used in diverse other ways, too. A few seeds will liven soups and stews and are pleasant in applesauce. In France a popular *tisane* is made by slowly heating a teaspoon of powdered aniseed in a quart of milk. And did you ever try aniseed in peanut brittle or homemade popcorn balls or sprinkled on preserved pears?

Here's a recipe for *Anise Snaps*:—

- 3 cups sifted cake flour
- 1 teaspoon soda
- 1 teaspoon cream of tartar
- $\frac{1}{2}$  teaspoon salt
- $\frac{1}{2}$  cup butter
- $1\frac{1}{4}$  cups sugar
- 2 tablespoons whole aniseed
- 2 eggs well-beaten

Sift together 3 times the measured flour, soda, cream of tartar and salt. Cream butter, add sugar gradually and cream until light and fluffy. Add eggs; then the flour mixture and aniseed. Chill until firm enough to shape. Shape into small balls about 1 inch in diameter. Sprinkle additional aniseed on greased baking sheet and place dough balls far apart on the sheet. Bake in a hot oven for about 8 minutes.

PEAS. The world is full of a number of things, my masters, and now and then you find a new one. This bit of information made the day brighter for us when it arrived: that whereas peas are usually packed in the three grades—Fancy, Extra Standard and Standard—some packers employ all of nine grades:—Fancy Plus, Fancy, Fancy Minus, Extra Standard Plus, Extra Standard, Extra Standard Minus, Standard Plus, Standard, Standard Minus. You take your choice.

WINES OF THE JURA. Many years have passed since those 16th Century days when Henry IV tasted the wines of the Jura and smacked his lips. This kingly recognition is still remembered by those who come upon these wines—Arbois and that rare yellow wine, that molten gold, known as Chateau-Chalon. Most of the red and brown wines coming from the lower slopes of the Jura Mountains are sold under the name of Arbois. The production of wines in this district is limited, but they are just as good today as when Henry IV decided they were fit for kings.

TERRIBLE TEMPER. Two sins against the palate and the stomach throw us into a terrible temper. One is sparkling Burgundy, a sort of toothwash, much heralded in provincial circles. The other is the habit some cooks have of messing up otherwise palatable dishes with marshmallows.

RICHARDSON WRIGHT





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## FROM A GARDENER'S NOTEBOOK

A SUPERB BLUE FLAX. For long blooming and for depth of color, I would recommend *Linum narbonense*. It grows about two feet high and lifts its white-eyed blue flowers another foot. Like all the flaxes, it wants a sunny position and can be divided every two or three years.

BUSH CLEMATIS. The present interest in large-flowered hybrid Clematis should not be allowed to overshadow the herbaceous types that are suitable for borders. Among these are: *C. crispa*, the marsh Clematis of our southeastern states, with slim growth and pinkish-purple flowers; *C. davidiana*, a semi-shrub with small, blue, fragrant hyacinth-like flowers; *C. douglasii*, which hails from Washington State and bears purple, hairy flowers; and *C. recta*, which will shoot up to five feet and produce creamy white flowers from June on. There is a double form *C. recta flore pleno*. All these require a well-drained soil furnished with lime. Stagnant moisture over Winter is sure death to them. They can be raised from seed, and if you have an empty frame the seed can go in as late as February, Fall and Winter being the best time to sow them.

TAP ROOTS AND LUPINS. To some gardeners the raising of perennial Lupins is a mere matter of routine, to others it is a constant problem. One successful raiser contends that the seed should be planted in July or August as soon as ripe, the seedlings potted up and carried over Winter in the cold frame and set out carefully in the

Spring. Another claims that his success is due to sowing the seed where the plants are to grow. Both of these methods depend on an almost reverential handling of the tap root. The Lupin puts down a tap root not unlike a parsnip in appearance. It goes straight down into the soil. Injure the tap root in transplanting and you might as well throw away the plant.

MILD AUTUMN. The Fall of 1938 will be remembered as one of the longest and mildest on record in the north Atlantic states. It gave a generous season for setting out bulbs and transplanting trees and shrubs. It also afforded surprising instances of recurrent bloom. Two of the Flowering Crabs in my Connecticut garden put on a valiant little show of bloom on the 5th of November. *Syringa Myer* gave a fugitive second blooming. Some of the Pinks were blooming again. Hardy Chrysanthemums were gorgeous and Roses in abundance appeared week after week, the Irish singles doing even better than in June and New Dawn throwing robust sprays. Lilies, that hitherto had never set seed before being cut down by frost, gave an abundant supply of ripened seed, which found its place in a cold frame with the best of my hopes for a good germination.

FALL ROSES. You often hear it said that Fall Roses are even more fragrant than those that come in June. I was so impressed by their perfume this past Autumn that I put the question up to three learned botanists I chanced

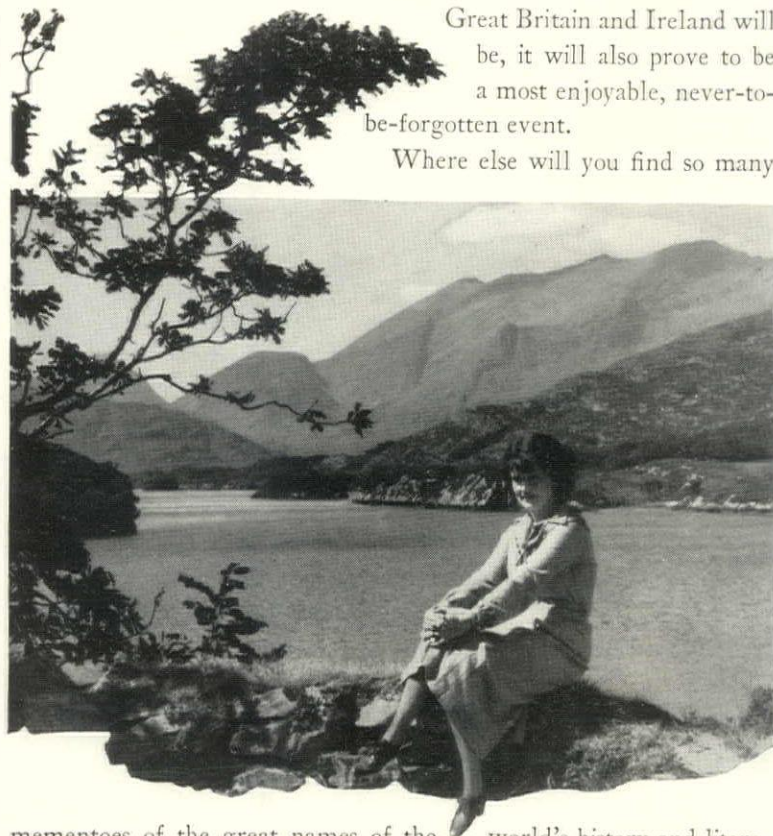
(Continued on page 80)

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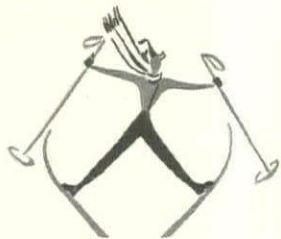


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#### Tucson

**Arizona Inn.** Arizona's foremost Resort Hotel. Exclusive clientele. Charming garden homes. Every room has sunporch. Swimming Pool. H. O. Comstock, Mgr.

**Pioneer Hotel.** Southern Arizona's finest. 250 rooms, each with bath. European. Coffee Shop. Dining Room. Roof Garden. Sun Deck. Sensible rates.

**Santa Rita Hotel.** 250 rms. Tucson's Social Center; Western hospitality & atmosphere. Excellent cuisine; Famous dance bands; Polo; Golf. Nick Hall, Mgr.

### ARKANSAS

#### Hot Springs National Park



ARLINGTON HOTEL AND BATHS

One of the South's finest resort hotels: exceptional Bath House facilities. Curative hot waters owned and recommended by U. S. Gov't for arthritis, high blood pressure, heart ailments, etc. 3 Golf courses, riding horses, forest trails, pine-laden air, genial climate. Excellent cuisine. Social calendar. For folder, tariffs and reservations, address W. E. Chester, President and General Manager.

### CALIFORNIA

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**Desert Inn.** 30th Season. Luxurious hotel and bungalow accommodations. Finest food. 35-acre grounds, swimming pool, tennis and badminton courts. Booklet.

#### Riverside

**Mission Inn.** California's historic hotel. In lovely Riverside. Art treasures. All sports. American or European plan. Rooms \$3.50—up. Folder.

#### Santa Barbara

**Santa Barbara Biltmore.** The comfort, thoughtful service and dignified charm of a Montecito estate... yours for a day or a year.

#### Santa Monica

**Miramar Hotel.** Mid beautiful gardens, atop the Palisades on the Pacific. Hotel rooms, bungalows and apartments with hotel service. A. or E. plan.

### FLORIDA

#### Bradenton

**Hotel Manatee River.** Near St. Petersburg, smaller, less expensive. Modern. Rooms & apts. Golf, bathing. Good food. Write hotel. N. Y. Tel. EL 5-6700.

#### Miami Beach



THE BELMAR

On ocean and beach-walk at 26th St. Privately patrolled beach. All beach "furniture" provided. Lavish tropic landscaping, palm garden. Dining indoors and out. Thoroughly modern, second season. Unique construction allows best utilization of sun and breezes. Structural glass extensively used. Steam heat, tile baths. European Plan. Advance reservations advisable. Booklet.

**CHARLESTON GARDENS.** This Spring, as is the annual custom, thousands of people will visit Charleston, South Carolina, to inspect the magnificent private gardens open to the public during the month of March. Acres of the southland's most beautiful cultivated sections, as well as miles of colorful countryside will be in full bloom. Tourists may enjoy its far-famed hospitality as they inspect the birthplace of some of our most treasured flowers. Dogwood trees, Poinsettias, Azaleas, and rare Gardenias have combined to provide Charleston and the surrounding country with a brilliant panorama of flowers. One may browse lazily through miles of Jasmine-scented woodlands, inspect the treasures of 17th and 18th Century Plantations, the historic Charleston town houses profuse in rich woods and the rare beauty of Georgian architecture. Famous homes dating back to the sixteen hundreds will be on view, with their dull brick slave houses and formal oak-lined drives.

If you have never been to Charleston during the flower season (if you have you will need no urging this time) we suggest that you reserve a few days, a week, or even a fortnight this year and devote it to a never-to-be-forgotten tour of the southland's garden capital.

The best time to see the flowers this Spring is between March 15th and April 15th. If March is too early, you can see the annual Azalea Festival which starts on April 11th and runs through the 16th. Of course, these dates are subject to unexpected changes due to unseasonable weather, and it is, therefore, suggested that you make a last minute check-up on weather conditions before making final plans.

### FLORIDA

#### Miami Beach



LE ROY HOTEL AND VILLAS

"Showplace of The Beach". One of America's most finely wrought examples of Spanish-modern architecture. Covers entire city block in exclusive North Beach section. Private ocean beach, boat landing, garage. Hotel rooms, one- and two-bedroom "villa" apartments. Excellent cuisine—thoughtful, complete service. Restricted clientele. Reservations in advance. Details on request.

#### Miami Beach

**Wofford Hotel.** Directly on the Ocean at 24th St. and Collins Ave. Modern New Garden Room and Sun Deck. John B. Wofford, owner-manager.

#### Punta Gorda

**Hotel Charlotte Harbor.** On harbor. Own bathing and 18 hole championship course. Tennis. Quail shooting. Select clientele. Write hotel. N. Y. Tel. EL 5-6700.

#### Sarasota

**Hotel Sarasota Terrace.** Golfing center. Bathing & fishing. Away from business center. Roof Solarium. \$3.50 up Eur. Write hotel. N. Y. Tel. EL 5-6700.

### FLORIDA

#### West Palm Beach

**Hotel Royal Worth** on shores of Lake Worth. Outstanding in the Palm Beaches. Close to beach & golf. \$5 up Eur. Write hotel. N. Y. Tel. EL 5-6700.

### GEORGIA

#### Thomasville

**Three Toms Inn.** A charming winter resort hotel; splendid golf, swimming pool, riding, hunting. Ideal climate. Booklet. Direction of Geo. C. Krewson, Jr.

### MARYLAND

#### Baltimore

**The Belvedere.** A really fine and modern hotel. Rooms, cuisine and service in keeping with the highest standards of living. Rates begin at \$3.50.

### MASSACHUSETTS

#### Boston



THE COPLEY-PLAZA

Situated in historic Copley Square which provides a hotel setting as distinguished as any in the world. Nearest hotel to Back Bay and Huntington Avenue Railroad Stations. Easily accessible to fine shops and theatres. This hotel is convenient to the residential and business sections. Rooms with bath \$4 single—\$6 double. Illustrated folder on request. Arthur L. Race, Mng. Dir.

### MISSISSIPPI

#### Pass Christian

**Inn By The Sea and Cottages.** Always open. On private bathing beach. All sports. Paved roads. Climate ideal. Near New Orleans.

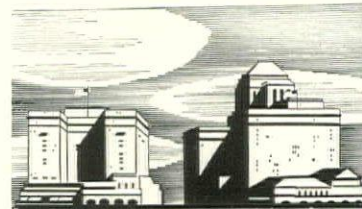
### MISSOURI

#### Kansas City

**Riviera Apt. Hotel.** 229 Ward Parkway. "For fine living." With beauty and charm. Permanent guests only. Furn. and unfurn. 3 to 7 room apts., 2 & 3 baths.

### NEW JERSEY

#### Atlantic City



CHALFONTE-HADDON HALL

Right in the middle of a good time. On the Boardwalk, near golf courses, theaters, and ice-skating rink, saddle horses, bicycling. Plenty to do in the hotels. Entertainments and dances are among the courtesies extended our guests. Squash and badminton courts. Health baths. Unsurpassed food. Restricted clientele. American, European Plans.

#### Atlantic City



HOTEL DENNIS

Spring comes early to the 'Shore—even now, adds zest to golf, beach riding and life along the famous Boardwalk. At Hotel Dennis on the oceanfront you'll find supreme comfort of spacious guest rooms, sun decks and solarium, sea water baths, diet kitchen, wholesome cuisine, attractive rates. (Only 3 hours from New York.) Walter J. Buzby, Inc.

#### Atlantic City

**Marlborough-Blenheim.** Central boardwalk, overlooking ocean. American and European plans. 36 years' ownership management Josiah White & Sons Co.

### NEW YORK

#### New York City

**Allerton House for Women.** 57th St. & Lexington Ave. Refined atmosphere in a congenial Club Residence. From \$2.25 daily, \$11. weekly.

**The Barbizon.** Lexington Ave. 63rd St. New York's most exclusive hotel for younger women. Cultural environment. Weekly \$12 up. Daily \$2.50. Bklt. "HG".

**Barbizon-Plaza.** New skyscraper hotel overlooking Central Park at 6th Ave. Rooms from \$3 single, \$5 double. Continental breakfast included. Bklt. "HG".

**Beekman Tower—49th St.,** overlooking East River, all outside rooms. Nearest smart hotel to World's Fair. Short walk to Radio City, Times Square.

**The Buckingham.** 101 W. 57th St. Recently modernized. Luxurious parlor, bedroom, pantry, bath from \$7 a day. Walk to Central Pk., Radio City, Times Sq.

**The Grosvenor—On Fifth Ave.** at 10th. Ideal for World Fair visitors. 300 rooms. Quiet Upper Washington Square location.

**Hotel Seymour.** 50 W. 45th St. Near Fifth Ave., theatres, shops, art galleries. Radio City. Quiet, refined surroundings. Single, \$3.50 up; double, \$5.00 up.

**Standish Hall Hotel.** 45 West 81st Street, one, two or three room suites. Many with kitchenette. Moderate weekly or monthly rates.

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## NEW YORK

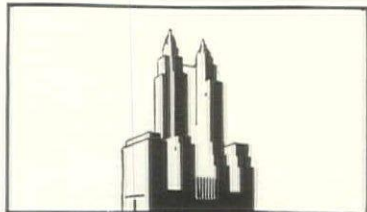
## New York City



THE SAVOY-PLAZA

Anticipating every desire of its guests, the Savoy-Plaza has obtained the enviable reputation of satisfying the most exacting. The Savoy-Plaza provides that homelike warmth and charm so welcome to New York visitors. Overlooking Central Park, within easy reach of smart shops and theaters. Subway to World's Fair nearby. Henry A. Rost, Managing Director. George Suter, Resident Manager. 5th Ave., at 58th to 59th Sts.

## New York City



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Value is determined not alone by what a service costs, but also by what your money buys—which explains why all the world continues to be attracted by the economy of The Waldorf-Astoria, Park Avenue, 49th to 50th Streets, New York.

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Glen Springs Hotel. High above magnificent Finger Lakes. Natural Naubeim Baths. Splendid cuisine. Golf. . . . New York Phone Medallion 3-5295.

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The Manor and Cottages—in beautiful Albemarle Park. 2 famed golf courses, 5 minutes. Write for booklet. Albert H. Malone, Proprietor.

## SOUTH CAROLINA

## Charleston



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The only waterfront hotel in "America's Most Historic City"—Located in the city's exclusive residential section on the famous Battery, overlooking the White Point Gardens. Fifteen minutes from championship Wappoo course of the Charleston Country Club, to which guests have card privileges. Write for folder. Jno. S. Cator, Mgr.

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## PENNSYLVANIA

## Philadelphia

Bellevue-Stratford—"One of the Few World Famous Hotels in America." Rates begin at \$3.85. Claude H. Bennett, General Manager.

## TEXAS

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Waldemar Ranch—in Guadalupe Mtns. 85 mi. W. San Antonio. Riding, golf, tennis. Fine food, relaxation. Season Dec.-March. Restricted clientele. Bklt.

## San Antonio

Gallagher Ranch. Vast, historic cattle ranch open year 'round. Ride, rest, recreate. Excellent food. Completely modern. Central heating. Telephone.

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Cavalier Hotel and Country Club. Open all year. 2 golf courses, tennis, riding, fishing, swimming pool. Roland Eaton, Managing Director. Write for folder H.

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WILLIAMSBURG INN

An ideal stop-over point en route to the South. Designed to harmonize with the unique setting of restored colonial Williamsburg, the new Inn combines the fine traditions of this historic city for hospitality, with every modern convenience—including air-conditioning—for the comfort of its guests. Distinguished cooking. Every room with private bath. Booklet and rates on request.

## WEST VIRGINIA

## White Sulphur Springs



THE GREENBRIER

Looking hopefully for the first sign of Spring? You'll find it practically around the corner . . . at White Sulphur Springs! Here, riders on the bridle paths—golfers on the fairways—and players on the tennis courts, all announce that the long-awaited season has arrived! So come to this resort now and enjoy your favorite sport at its Springtime best! Write for folder to—L. R. Johnston, G. M.

## BERMUDA

## Hamilton

The Princess Hotel and Cottages. A select hotel for a selected clientele. L. A. Twoogor Co. See Travel Agt., or N. Y. Office, 500-5 Ave. PE 6-0667.

## JAMAICA, B. W. I.

## Constant Spring

Manor House. Near Kingston. 600 ft. high in the foothills of the Blue Mts. Golf course, pool adjacent. Moderate rates. Write R. C. S. Ruffy, Manager.

## WINTER SPORTS

Places to go and places to stay—  
Listed below for your convenience.

## NEW HAMPSHIRE

## Hanover

Hanover Inn at Dartmouth College. Ski Tows. Children's Ski Schools. Skating. Winter rates. N. Y. Rep. Robt. F. Warner. BRy. 9-6348. Ford Sayre, Mgr.

## VERMONT

## Stowe—Mount Mansfield

The Lodge at Smugglers' Notch. December-April. 50 miles ski trails, all types; open slopes; tow; European Instructor. Reservations required. Literature.

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Visit tropic shores that gleam like gems against the blue Caribbean. Each sunny port presents an endless chain of absorbing interest—gayety—adventure. Each hour aboard your smart white turbo-electric liner is as delightful as Guest Cruise



hospitality, engaging company can make it...with an outside, first class stateroom, outdoor pool...a gay orchestra, sound movies and unrivalled menus. . . . Every Saturday there's a cruise from New York to Costa Rica with 2 calls at



Havana, and a visit to the Panama Canal Zone (15 Days, \$210 up)...Every Wednesday a cruise to Puerto Colombia (Barranquilla) and Cartagena, Colombia, S. A., with 2 calls at Kingston, Jamaica, B. W. I. and a visit to the Panama



Canal Zone (15 Days—\$210 up)...Alternate Saturdays—tours to the Highlands of Guatemala with calls at Santiago, Cuba and Honduras (26 days, all expenses \$295 up). Ask about other services from New York, Philadelphia and New Orleans.

Apply any Authorized Travel Agent or United Fruit Company, Pier 3, N. R., or 632 Fifth Ave., N. Y.; 111 W. Washington St., Chicago; 321 St. Charles St., New Orleans; Pier 9, North Wharves, Philadelphia; 201 Tremont St., Boston.

## GREAT WHITE FLEET



**"GOOD NEWS"**

Now you too may have

**BILLY BAXTER**

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Have Billy Baxter delivered just as furnished in big cities—right into your pantry.

Billy Baxter is the world's finest line of carbonated drinks; favorite of the connoisseur, the pet of Park Avenue, it will be a delight to guests in your home.

Now here is how you get Billy Baxter: Complete the order below, give reference, or use own letterhead, or mail check, or receive C.O.D. Half-case may be ordered, if desired.

Delivery made carriage charges paid; bottle refund \$1.00 per case East of Mississippi River.

ACROSS THE STREET SERVICE  
40 FREEPORT ROAD CHESWICK, PA.

Deliver the number of cases, or half-cases, set opposite the name of the article and under the size of the bottles.	6 Oz. Split Size 48 Bottles \$6.00	10 Oz. Club Size 48 Bottles \$7.00
Billy Baxter Club Soda		
Billy Baxter Sarsaparilla		
Billy Baxter Quinine Soda		
Billy Baxter Ginger Ale		
Name		
Street and Number		
City	State	

**FROM A GARDENER'S NOTEBOOK**

(CONTINUED FROM PAGE 77)

to see at a meeting of the Horticultural Society. Alas, even botanists with Ph. D.'s to their names are unsentimental. They all said that in June the garden is so filled with fragrances that the odors of Roses are just a part of a vast smelly symphony. In Autumn the garden fragrances are fewer, so that of the Roses stands out supremely in the memory of the nostrils.

**HOW WARM IS SNOW?** The checking of plant growth by artificial cold is now one of the commonplaces in the florist's business. Dormant Lilies-of-the-valley, Narcissi and a host of other bulbs and plants are held in reserve and then brought to warmth for forcing. But the native Lady Slipper has proven reluctant to follow this course. Dig plants from the woods in some cold region—say Maine—put them in the ice box and then try to force them. They immediately turn black. And yet these same plants, year after year, may be covered by several feet of snow. First a little of fallen leaves and then the snow. The fact of the matter may be that, while they endure low temperature, the snow prevents them from being actually frozen.

**SINGLE ROSES.** It is a mystery to me that more people don't grow single Roses—the Irish singles especially. For years now at Sun House we have kept a largish bed of them and visitors invariably act as though they were something rare and unusual. As a matter of fact, they have been on the market a long time. Coming mostly from North of Ireland hybridizers (although a few hail

from England) they have been taken up by the garden *cognoscenti* and once grown will always be grown. They have a fragile beauty, whereas they are not fragile in growth or flowering. The flowers, cut in the bud, open indoors and will last as long as other hybrid teas.

Our first choice is Dainty Bess (this also can be had in pillar form), a soft rose pink with highly decorative wine-colored stamens. Second would come Innocence, with pure white petals against which the burgundy stamens contrast vividly. Our third pet is Isobel because of its bronze tones and after that Cecil, a fine buttercup yellow. We also grow Vesuvius for its fiery red tones and Irish Elegance for its mingling of apricot and yellow. Irish Fireflame is a mixture of pink and gold and has the added virtue of being fragrant, as is Old Gold.

**ORDER.** While order may be Heaven's first law, in our tool shed it is often almost the last. Instead of hanging up tools, we lean them against the wall. And every so often we blunder against them—and down comes the lot of them like a house of cards, or else we go down, like an awkward elephant. So it was good news to find on the market a tool holder. It consists of a steel plate 6 inches by 48 to which are secured eighteen strong steel hooks properly placed to permit hanging eleven or more tools on it. Once this is upon the wall, there will be no more tool disorder, no more clattering and cursing in the tool shed.

(Continued on page 96)

**Different... Delightful  
FINLAND**

Myriad lakes, invigorating northern air and light summer nights make *Helsinki, Tampere, Turku, Viipuri* as enjoyable as their names are exciting. You'll find plenty to do and see in this intriguing land, which is a haven for tourists with a limited budget. Railroad fares, hotel rates and the exchange are all in your favor . . . and those famous Finnish meals will be a surprise in economy as well as a gastronomic revelation. Come this



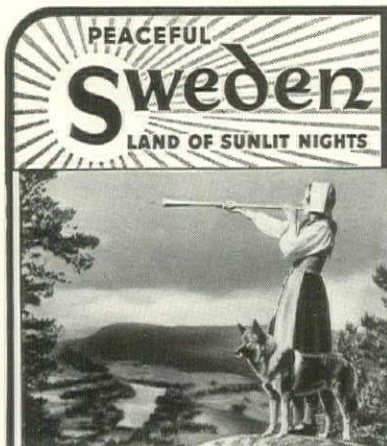
summer—Finland is conveniently reached by direct steamer from New York . . . overnight from Stockholm.

Ask your travel agent for full details, or write for Booklet F.

1940 OLYMPICS—IN HELSINKI!

**FINNISH TRAVEL  
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In peaceful Sweden, the clash of swords has not been heard for more than a century. Its happy people have built a modern nation that is balanced and secure. In this land of rich romantic past, of gay modern cities, of tranquil natural beauty, and the magic glory of the midnight sun, your vacation will bring enjoyment and relaxation. ★ Sweden is the gateway to the Scandinavian wonderlands and the Baltic region. Convenient connections from England and the Continent. Eight days direct from New York in modern Swedish liners ★ This will be a Scandinavian Travel Year, so book early.

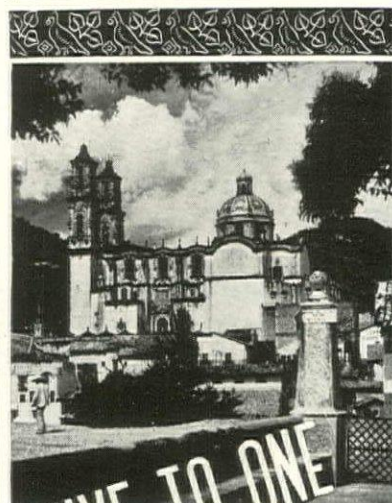
Ask your travel agent or us for "LANDS OF SUNLIT NIGHTS" free booklet suggesting delightful Scandinavian tours. Please mention Dept. HG.

**SWEDISH TRAVEL  
INFORMATION BUREAU**  
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**Virginia Hospitality  
In Colonial Williamsburg**

Designed to harmonize with the colonial elegance of Virginia's restored 18th century capitol, Williamsburg Inn has inherited this historic city's traditions of hospitality, and with this it has combined every modern convenience—including air conditioning—for the comfort of its guests.

Division of Taverns & Ordinaries  
**Williamsburg Restoration, Incorporated**  
Williamsburg, Virginia



**W**HEN you cross the border into Mexico, you're about five times wealthier than the day before.

Right away your dollar stretches . . . our rate of exchange today is approximately 5 to 1. Then, you're wealthier in experience . . . you'll see a land so old that it's new. You'll find added riches in the way of fun . . . you'll love Mexico City's gay continental atmosphere.

Nothing pleases more than new joys, new experiences, new faces. Go to Mexico this winter. Enjoy that quaint and picturesque country. Bask in its mild winter sun.

Our international passenger service boasts the latest in Pullman comfort.

A very special side trip fare to Mexico City is now available to those of you visiting the great New York and San Francisco Fairs. Let us tell you more about it. Write for our latest folder.

G. HAWLEY & A. NATIONAL RAILWAYS OF

**MEXICO**  
201 N. WELLS BLDG. CHICAGO



Are calapash, sweet potato pone, gumbo, "just names" to you? They needn't be! Now you can enjoy famous Charleston cooking in your own home!

## 200 Years of Charleston Cooking

By Blanche S. Rhett, Lettie Gay, and Helen Woodward

A famous Charleston hostess collected these recipes—some of them closely guarded secrets of Charleston families, some never written down till now! This book is complete—it will tell you exactly how to prepare the soups and canapés, shellfish, pilafs, egg dishes, stuffings and meats, desserts and plantation drinks for which Charleston is noted. "A book of atmosphere as well as information; it makes you hungry!"

—N. Y. World Telegram.

306 pages, illustrated, with index, \$2.75 at any bookstore—or postpaid from the publishers: RANDOM HOUSE, 20 East 57 Street, New York City.

A grand gift for your Southern hostess!

Stir, and when the brown in the pan has melted, pour the broth over the chicken. Take 2 teaspoons of the fat you drained off and mix in it 2 teaspoons turmeric powder (this is a condiment frequently used in pickles, imparting a yellow color, and tasting something like curry, but it doesn't burn the tongue), and dilute with a little broth; then stir into the chicken.

Next add another onion, sliced fine, and cooked separately in butter to a golden brown. Also add salt and plenty of freshly ground black pepper. Cover and simmer for about two or three hours, or until the chicken is very tender. When ready to serve, put the pan aside for five minutes to allow the fat to come to the surface. Skim it off carefully, but don't throw it away. Make a sauce with it, using 3 or 4 tablespoons fat and an equal quantity of flour—and add the broth (in which the chicken cooked) gradually, stirring to make a smooth, not too thick, sauce. Add a little lemon juice at the last moment. Put the chicken in a deep casserole, pour the hot gravy over it; serve at once, accompanied by a bowl of rice.

**YAMS AND ORANGES.** If you ever have the good fortune of dining at Miss Dawson's Villa Margherita in Charleston, I couldn't possibly wish you any better luck than to be there when yams and oranges are on the menu. In any event, they are one of the simplest yet most delectable dishes to achieve.

Slice 2 or 3 peeled raw yams in thin slices and arrange them in a but-

tered baking dish in alternate layers (until the dish is three-quarters full) with sliced oranges. Dot each layer as you go along with, in all,  $\frac{1}{4}$  pound sweet butter creamed with 1 cup light brown sugar. Add the grated rind of 1 orange to 1 cup of unsweetened pineapple juice, and pour it over the yams. Cover the dish and bake slowly for one hour—then remove the cover and continue baking another hour or until the yams are tender and the juice is reduced to a thick syrup. Serve with roast duck, ham, or chicken.

**OKRA DAUBE.** Cut into small strips  $\frac{1}{4}$  pound of bacon, and fry until it begins to get crisp, then add 5 cups okra (washed and cut into  $\frac{1}{4}$ -inch slices) and fry until the okra browns. Then add 6 cups ripe, peeled, pitted tomatoes, or an equal quantity of canned tomatoes. Simmer the whole very gently for three hours, stirring occasionally. Season well with salt and freshly ground pepper. If it boils down too much, add a little gruel from boiled rice, or a little tomato juice, to thin slightly. For six or eight servings.

**RATIFIA CREAM.** Ratifia cream is a first cousin to our beloved crème brûlée. Put 6 or 8 blanched, split, dried apricot kernels in a double boiler with 1 quart thick cream. Add 4 tablespoons powdered sugar and bring the cream slowly to the scalding point. Beat the yolks of 6 eggs well, then pour a little of the hot cream gradually into the

(Continued on page 89)



## THE SYMBOL OF • ROYAL • DOULTON



THE PEMBROKE

TERESA



THE SHERBORNE

The durability of Royal Doulton Bone China makes it a particularly fitting gift for the bride. The Pembroke—with its delicate enamel colors—is one of many lovely patterns on which any bride may safely found her table service... Teresa is a new addition to the popular line of figurines... The Sherborne—in warm underglaze tinting—is colorful for everyday use... Every piece of Royal Doulton bears the same famous symbol. Write us for the name of your nearest dealer.

## RECIPES OF THE LOW COUNTRY

(CONTINUED FROM PAGE 48)

Every American Should See  
**Charleston**  
SOUTH CAROLINA

Have You  
Ever been  
There?

America's  
Most Historic City

An Ideal Resort  
Winter... Spring... Summer

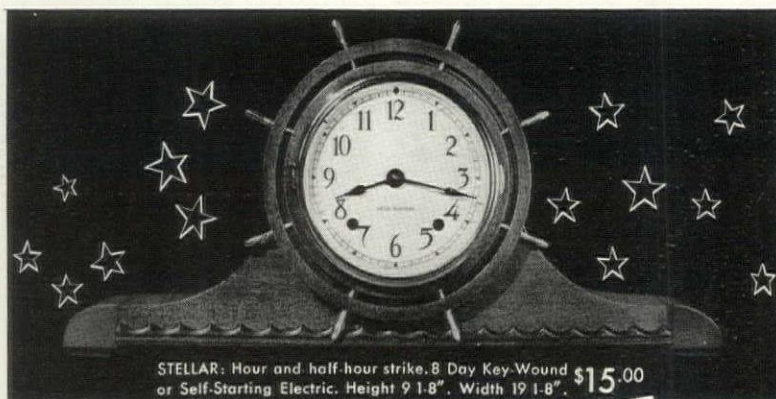
A Cordial Welcome  
Awaits You Always

"Where Winter is like Spring  
and  
Springtime is Azalea time"

Illustrated Folder  
gladly sent free

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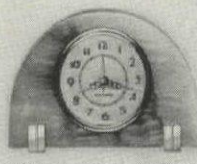
**CHARLESTON.**  
**SOUTH CAROLINA**



STELLAR: Hour and half-hour strike. 8 Day Key-Wound or Self-Starting Electric. Height 9 1/8". Width 19 1/8". \$15.00



YUKON: 8 Day Key-Wound or Self-Starting Electric. Height 5". Width 6". \$6.95



VISTA: Onyx case. Self-Starting Electric only. Height 4 3/4". Width 7". \$12.50

"At last, I've found the  
clocks for my home"

Clock-conscious people are discovering these new Seth Thomas favorites! They're from distinguished ancestry, have character, lend distinction to any active, modern room.

There is a fine, accurate clock mechanism in every Seth Thomas... whether it is time, strike or chime. See Seth Thomas clocks in your local stores. Seth Thomas Clocks, Thomaston, Conn., a division of General Time Instruments Corporation.

# SETH THOMAS CLOCKS

EIGHT-DAY KEY-WOUND • SELF-STARTING ELECTRIC

**WM. S. PITCAIRN**  
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*fashion hit of the year*



Charm and practicality blend in this genuine walnut Pioneer group.

Genuine walnut Pioneer vanity with unusually roomy drawer space.

### The PIONEER Group

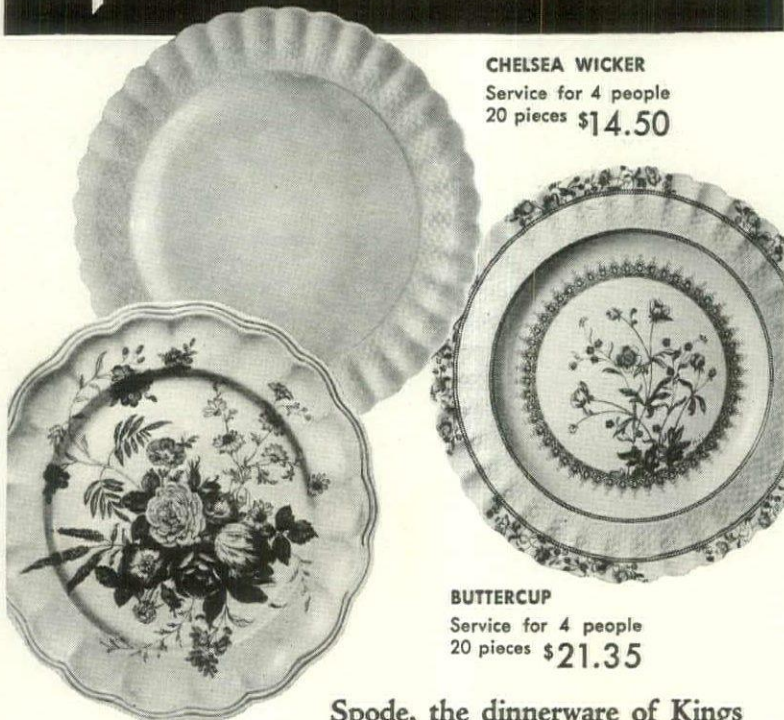
### in genuine WALNUT

WALNUT's sterling qualities of enduring beauty, character and sturdiness made its choice for Landstrom's new Pioneer group inevitable. Outstanding for the sincerity and charm of its styling—for its truly American design, woods and craftsmanship—this appealing genuine walnut bedroom ensemble is already acclaimed as one of the fashion hits of the year. Moderately priced, it is sold through leading dealers.



**LANDSTROM FURNITURE CORPORATION**  
ROCKFORD, ILLINOIS

## Spode FINE ENGLISH DINNERWARE FOR ALMOST TWO CENTURIES



**CHELSEA WICKER**  
Service for 4 people  
20 pieces \$14.50

**BUTTERCUP**  
Service for 4 people  
20 pieces \$21.35

**GAINSBOROUGH**  
Service for 4 people  
20 pieces \$26.75

Spode, the dinnerware of Kings and Princes at new low prices. Write today for Booklet 38 and the names of your local dealers.

Sole Agents and Wholesale Distributors  
**COPELAND & THOMPSON, INC.**, 206 Fifth Avenue, New York, N. Y.

**EVERY SPODE PATTERN IS ALWAYS AVAILABLE**

## SOUTHERN ACCENTS

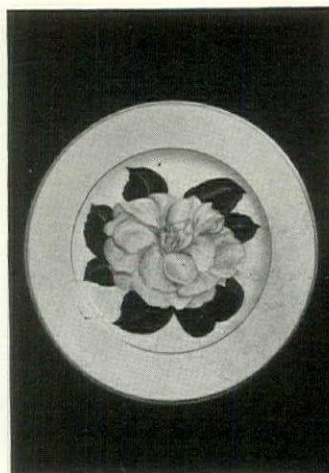
Charleston, like Williamsburg, has its own charming version of the 18th Century; and, like Williamsburg, its version bids fair to become a source of inspiration for decoration and design.

Already designs have begun to appear suggested directly by the Charleston theme. We present on this page a plate belonging to possibly the first series of plates decorated with varieties of Camellias ever made in America. We

(Continued on page 83)

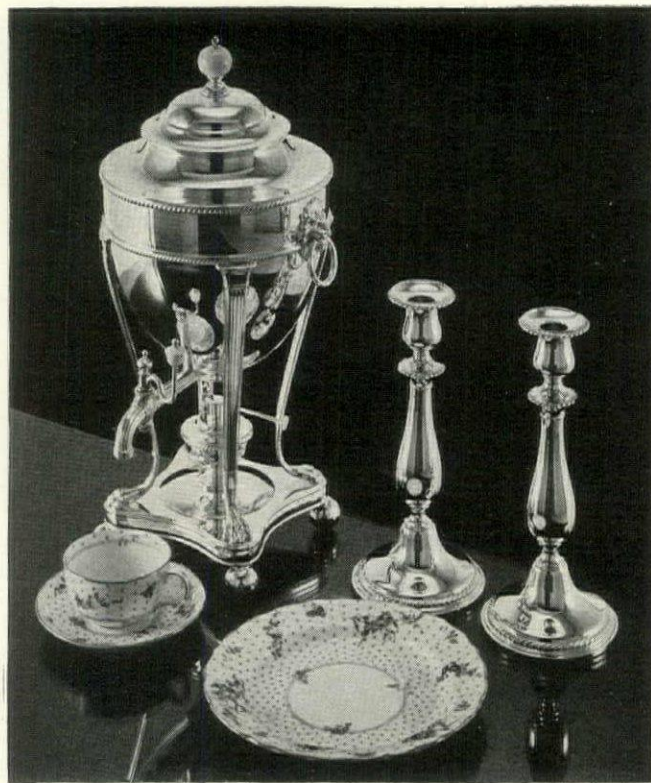
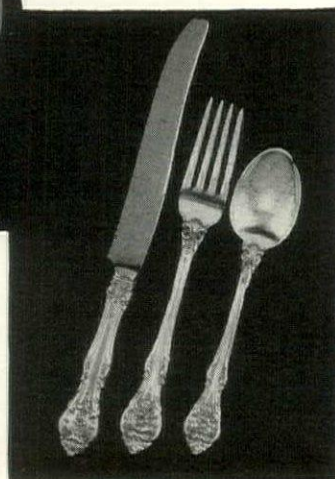
also show on page 83 the first chintz design composed entirely of festoons of all Charleston flowers.

Besides this are other designs which fit into the Charleston picture although not definitely created with Charleston in mind. They repeat some motif, catch some phase of Charleston life. Or they reflect that gracious era of the 18th and early 19th Centuries when Charleston was at its height.



ABOVE: One of a series of a dozen plates each with a different Camellia center. Designed by Harvey Smith especially for B. Altman, and made up by Tatler of Trenton

BELOW: Silver selected for the modernized slave house dining room (see page 38) is Gorham's beautiful "King Edward" sterling pattern, a favorite design in the South



THESE table appointments are also in the dining room of our remodelled slave house; we selected them especially because of their similarity to old Charleston heirlooms. They are Gorham's coffee urn in silver-plate, their "Kenwood" sterling candlesticks with a gadroon border, and Maddock and Miller's Royal Worcester "Astral" china



## SOUTHERN ACCENTS

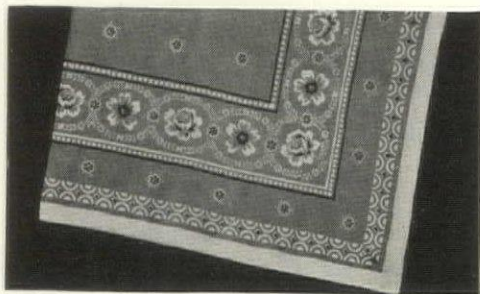
(CONTINUED FROM PAGE 82)



Four wallpapers which take their motifs from Charleston themes. Left to right: Imperial's "Abingdon" with Greek revival façade and classic garden; Richard E. Thibaut's charming design of steeples, lookout towers and weather vanes; Imperial's "Morning Glories"; and Thomas Strahan's design, taken from old verandah ironwork, can also be used as a border

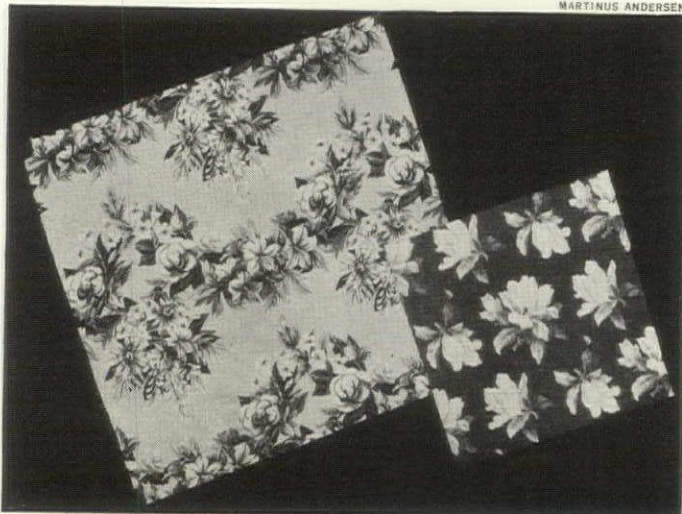


This quilted woven jacquard bedspread by Bates repeats one of the old patchwork patterns. Macy's



From brilliant bandanas that adorn the darkies' heads came this gay luncheon cloth motif. Altman

MARTINUS ANDERSEN



Two chintzes inspired by famous Charleston flowers: Left, swag of all varieties of Charleston flowers; right, magnolia blossom motif. Both are made in Everglaze chintz and cretonne by Cyrus Clark for B. Altman



## Shutting out THE CARES of the DAY

When the last "good night" has been said there's a comforting feeling of shelter and seclusion when Betsy Ross Venetian Blinds are drawn. Why not fit the windows of the children's room, every room in fact, with these smart-looking, yet surprisingly inexpensive blinds!

Betsy Ross Venetian Blinds, though ready made, are of custom quality throughout . . . in looks, in craftsmanship, in the number of convenience features. And you can obtain sizes to fit any window from 15 to 120 inches in width and in any length. Quickly installed without fuss or bother.

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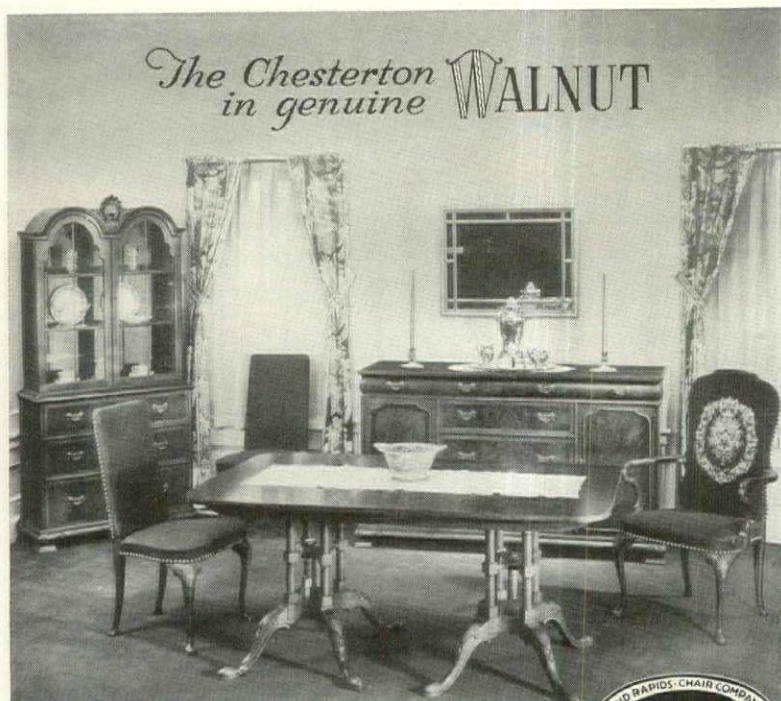
Venetian Blind Division

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WALNUT — rich beauty — and the spirit of true hospitality — are presented in this superb Chesterton dining ensemble. The quiet elegance of its fine Queen Anne design — the glorious figure and texture of the American walnut of which it is fashioned — the artistry of its craftsmanship and finish — commend the Chesterton to the most exacting cultured taste, for the hospitality-room of your own home.



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"Selection and Care of Fine Furniture," with Portfolio of the newest furniture fashions, mailed on receipt of 10 cents.

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To Modern Homes an Essential Convenience  
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### "Elevette"

A new type of electric Home Elevator, can be placed in stairwell, closet, or corner of room. No superstructure, or overhead construction. Car made with solid panels or open mesh grille as desired. Any size or shape up to wheel-chair capacity.

*Ride*  
THE STAIRS



The *INCLIN-ATOR* is placed on side of stairway; taking about 5 inches of space when folded. Operated by a small concealed electric power unit, using ordinary house current. All modern safety devices. Car finished to harmonize with the surroundings.

Full information regarding the *INCLIN-ATOR* and the "Elevette", with name of nearest representative, will be mailed on request.

**INCLINATOR COMPANY OF AMERICA**

307 South Cameron Street, Harrisburg, Penna., U.S.A.

Originators and Manufacturers of Simplified Passenger Lifts for the Home

# Auctions



THE stentorian "Going, going, gone!" of the iron-throated auctioneer, the quiet tension of excitement, the studious lack of expression in the crowds, spell an auction anywhere.

The auction, or public sale where the highest bidder becomes the buyer, is an ancient business. At one time it brought to mind the rather dismal atmosphere of death and sheriff's dispossession notices. It still does in small towns and rural sections, but not so in the cities. Here many energetic folk periodically take to clearing house and redecorating according to the whims and tastes of the moment. Out goes the polished simplicity of Early American mahogany, to be replaced by the pale striped papers and delicately plump gilded chairs of Louis XVI, or the swags and plumes of Victoria. It's all in fun, accomplished by selling and buying at auctions, where many periods of furniture constantly come up for sale. There is also the old school which believes in building a fine collection over a period of years. Members of this school can be seen poking about the auctions, too, particularly at sales of well known collections.

Auctions, especially in the eastern seaboard cities, have had a stormy history. They did a tremendous business for some years after the War of 1812 by knocking down vast lots of imported goods sent over by British manufacturers anxious to crush the growth of newly competing American industry. The public bought bargains galore, the auctioneers grew prosperous, and the American business man raised a protest that resounded to the skies. Legislation finally put a stop to this wholesale dumping of goods on the market and most auction houses settled down to the job of disposing of the wares of bankrupt businesses, second-hand equipment of all sorts and the household effects of private owners. Sometimes, however, foreign collections of great value are sold by American auctions, notably the famous American Art Association, Anderson Art Galleries, Inc., of New York. The American market is quite often sufficiently profitable to make import duties worth paying.

In New York City there are well over one hundred auction houses listed in the classified telephone directory but, unless one is in the market for old bar rails or second-hand restaurant equipment, the number simmers down to ten or twelve well known houses that handle both home-furnishings and art objects. These auctions fall roughly into three groups: the less fashionable auctions, many of them on lower Third Avenue, where the discerning buyer may find a lovely old table tucked among the usual nightmare of blue glass chandeliers and strange statuary; the middle group, which discreetly consigns the worst to a basement and offers the rest, some of it bad and some of it good, for sale upstairs; and the extremely dignified galleries near Fifth Avenue in the upper forties and fifties where the contents of fine old houses and collections, often of historic value, are sold. Here the wealthy collector mingles with the clever





## collector's paradise

and less wealthy buyer on the lookout for truly good things.

Some of the galleries in the last group are the Parke-Bernet Galleries, Inc., the Plaza Art Auction Galleries, Inc., Silo's, where the Hearst collection is being sold, the Coleman Auction Galleries, Inc., and the American Art Association, Anderson Galleries, Inc. The best known and one of the oldest is the Anderson Galleries where, in the last fifty years, sixty million dollars in sales have been marked off by the drop of the auctioneer's hand. Here, in the same afternoon, collectors may bid a rare painting up in the thousands

and yet the taker will be no more pleased with his purchase than the woman who bids in for only \$25 exactly the chair she has needed. Side by side sit two buyers bidding with the same reserved and expressionless caution. One bids three thousand dollars for a necklace and the other bids five dollars for a pair of amusing, gilded Victorian picture frames. And a large part of the audience does not bid at all.



There is, most definitely, an intelligent way to buy at auctions. First, visit the gallery during the week before the sale, when the objects are on exhibition. In the less pretentious downtown auctions you must take your chances in the huge rooms filled with miscellaneous furnishings and odds-and-ends, but the better galleries furnish catalogues. With this clutched in one hand you can look up anything that takes your eye by matching the number on the piece with the numbered description in the catalogue. You may rely upon the information given. If your catalogue says that a chair is Sheraton, it is Sheraton, unless the auction expert has been badly fooled. Otherwise it will be listed "Sheraton style". Repairs or needed repairs are stated. It is quite permissible to scrutinize an object closely. You may open drawers and ask an attendant to turn a piece around so that you can see the back or the bottom. You can also ask an attendant for an evaluation of it. This figure is merely a guess as to what the piece will bring. It may bring less or more, but the guess is made by an experienced auction expert, so that the evaluation given is usually not far from the present sale value. If you are still not sure, you should bring in a friend who is expert in such matters. In these ways you can determine how much you are willing to pay.

There are other little tricks to the trade that one learns by watching and experience. Do not bid at once, for the auctioneer's suggested starting price will probably be high. If there is no response to a suggested \$50 start, he will probably drop to half or less. Indeed, the object may very well be sold at \$50. The experienced bidder is noncommittal, even unenthusiastic, no matter how interested he is. You may, if unable to attend the sale, leave your highest bid with an attendant at the exhibition rooms or give it by telephone or mail. An employee of the gallery will then bid for you at the sale, but he will not go beyond the limit you have set.

Should you decide to become one of the up-to-the-minute set with a flair for decorating, one who sells out a house or room by auction and then redecorates by buying at auction, you can request a gallery to estimate how much your belongings will bring. At the Anderson Galleries it is said that evaluations should average within ten percent of the gross sale proceeds.



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Send 10¢ (to cover mailing costs) for Jean McLain's book, "The Romance of Modern Decoration." Use Modern Decoration's coupon for Jean McLain's offer of free advice on individual decorating problems. She will send you samples and tell you where to buy Imperial Washable Wallpapers.

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Exposure.....

Type of Furniture.....

Color Scheme Preferred.....

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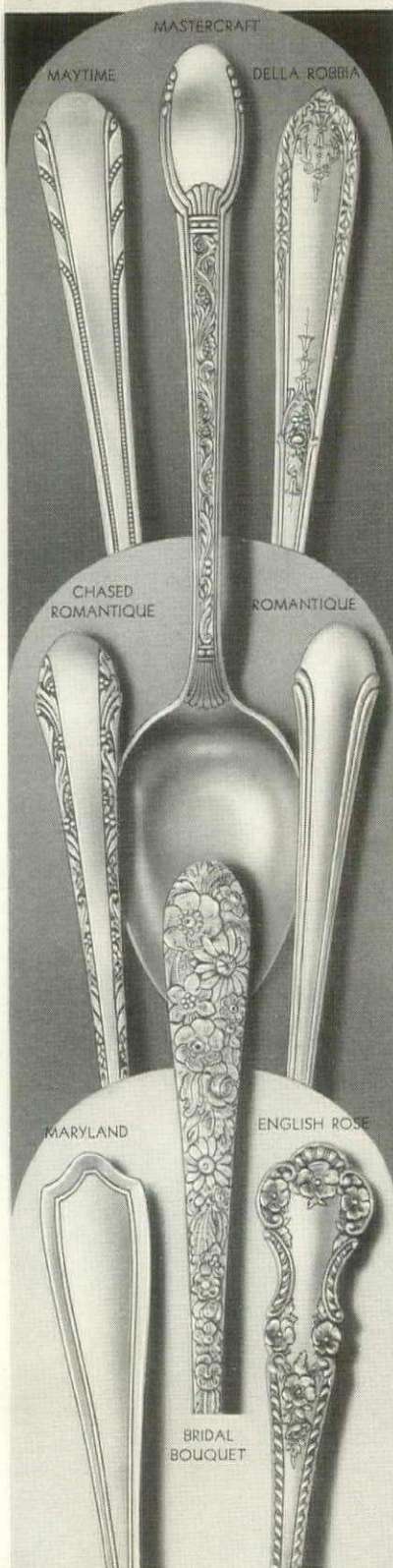
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Lifelong association with sterling silver makes your choice of pattern all-important. Alvin Silver patterns are as flawless in craftsmanship as they are in style . . . and being sterling, they last a lifetime.

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We will be pleased to send complete descriptive price lists of our patterns. Check those desired and mail with name and address.

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**THE ALVIN SILVERSMITHS**  
Makers of Exclusive Silver Designs for 50 Years  
PROVIDENCE • RHODE ISLAND

## MUSICAL ARRANGEMENTS

(CONTINUED FROM PAGE 50)

are actually simple and easy to apply with good decorative effect. There are just two kinds of music to be considered: music which originates in the room such as piano, instrumental music or singing, and broadcast and recorded music which originates elsewhere.

### ACOUSTICAL TREATMENTS

To make the most of the first, music that is played in the room, unbroken areas of hard surfaces are necessary to give resonance. Large windows, plain walls, bare floors, glass-covered book-cases and high ceilings create a good tone chamber and improve the quality of the music that is played there. This resonant tonal effect of hard surfaces is well-known to all of us who admire our own singing in the shower.

Broadcast and recorded music is played in a perfect tone chamber so that it comes into the home music room complete with resonance and there is no need to heighten this effect. Consequently soft absorbing surfaces will add to the enjoyment of phonograph or radio music. Long full draperies, which can be drawn across the windows and large wall areas, make a music room easily adaptable for both kinds of music.

### FURNITURE ARRANGEMENT

The location of the piano and organ for the best tonal effect and also for the comfort and pleasure of the person playing them is naturally the first consideration in planning a music room. But the "listeners' group" is also

important, particularly for radio and recorded music. With remote-control radios and automatic record-changers, or separate turn-tables, for phonographic music it is possible to sit comfortably at the right distance from the loud-speaker and listen to an evening's concert without interruption. In addition to the music library and file-drawers for sheet music there should be ample storage space for phonograph records. Since records must be stored upright to prevent cracking or scratching, they are generally kept in albums on book-shelves; but ingenious record files which keep a record safely balanced on end in separate wire divisions are now available with index systems.

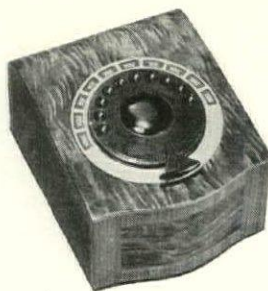
### TREND TO GOOD MUSIC

With the Opera broadcasts on Saturday afternoon, Toscanini that night and the Philharmonic concert on Sunday, any Winter week-end has the makings of a music festival at home. Bach, Beethoven and Brahms are now old family friends to many of us and children growing up today will have far more than a polite bowing acquaintance with great music. As interest in music develops from the casual listening stage to serious appreciation, record-collecting comes into its own as a means of enjoying favorite composers whenever we are in a listening mood. The desire to create music ourselves springs so naturally from increased appreciation that many people are now learning to play the piano and organ for their own enjoyment.

(Continued on page 87)

## New radios and phonographs feature simplified controls, faithful reproduction

With Philco Mystery Control, shown at the right, tuning the radio is just as easy and effortless as thinking about it. With this truly amazing little box the listener can change stations, control the volume and turn off the set from any room in the house, all accomplished without the use of wires or other connections.



The modern radio shown at left in a simple console cabinet is especially suitable for many decorative room schemes. The two doors in the gracefully rounded front conceal the lighted instrument panels and the radio dials.

There are twelve tubes and improved electric tuning for convenient use with eight stations. Automatic volume and tone controls improve the quality of reproduction. Wide range is provided by a five-band overseas dial. A plug-in attachment is included to make this model adaptable for recorded music. The famous Magic Eye and Magic Brain are special features. From RCA-Victor.



THIS chest is adapted from an antique found in Berks County, Pa. Utilitarian, yet tempered with the grace and beauty of a transplanted European culture, this simple, sturdy piece shows the influence of Chippendale. The mirror, faithful copy of an early 1800 frame made in Baltimore, is a Provincial adaptation of Empire style. Both chest and mirror in hard white Northern maple.

**Statton**  
*Trutype*  
FURNITURE

SEND FOR FREE BOOKLET on maple and mahogany reproductions of Early American furniture. Address STATTON, 511 E. First Street, Hagerstown, Md.

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## Portfolio of Flower Prints

25 superb flower engravings, reproduced in full color, suitable for framing, with an introductory essay and biographical notes by Richardson Wright.

Enclosed in a handsome case \$5 (postpaid)



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Publications, Inc.**  
Greenwich, Connecticut



## MUSICAL ARRANGEMENTS

(CONTINUED FROM PAGE 86)

The Capehart, shown at right, in the Louis XVI cabinet, is famous for the wide range and rich tones in its reproduction of both recorded and broadcast music. With its special Maestro tone control you can command tone from fortissimo to pianissimo and from the bass or treble instruments or voices, as effectively as the conductor of an orchestra.

The Record Changer, which holds from three to twenty records, plays ten- and twelve-inch sizes, intermixed. It will play each record on one side only, repeat or reject any record as desired. Available with individual speakers for different rooms, and remote controls.

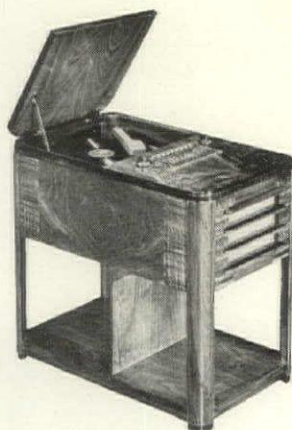


With Wireless Record Player, shown at left, you can play phonograph records through your present radio. There are no wires or connections between the radio and the Record Player which can be plugged into any AC electric outlet and played from any location.

Just turn the radio dial to any clear channel between 1400 and 1600 kilocycles, and the radio is ready to amplify and reproduce either the ten- or twelve-inch records. The phonograph key on General Electric Touch Tuning Keyboards can be set to switch on the Record Player automatically. Features: self-starting motor, crystal pick-up. General Electric.

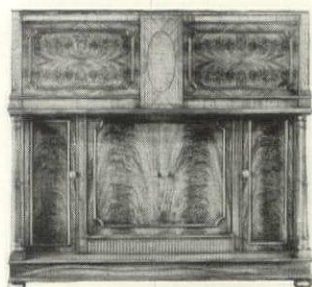
Chairside Victrola, shown at the right, is a good moderate-priced instrument which eliminates the nuisance of getting up to change records or tune the radio. Simply designed in walnut, the cabinet has storage space for record albums and the radio controls and phonograph turn-table are easy to reach. The crystal pick-up for the phonograph is conveniently loaded with new needles from the top.

A constant-speed motor with automatic stop operates the turntable. The three-band radio has electric tuning for six stations. Eight-inch Electro-Dynamic speaker, automatically compensated volume control. RCA-Victor.



The large Stromberg-Carlson radio-phonograph, shown at left, has several special features important in good musical reproduction. The Acoustical Labyrinth overcomes that booming "rain barrel effect" by providing the necessary large "baffle", wrapped up, folded over, and placed within a cabinet.

With the Labyrinth speaker system, sound can be projected at "ear level" with improved results. The radio dials, which are widely spaced and very legible, have a new type of slanted glass which prevents glare. The automatic phonograph equipment shifts and plays fifteen records of either the ten- or twelve-inch size.



This is the "Magnolia" pattern, one of a number available, expressing the gracious living of the Colonial South.



## The Elegance of OLD CHARLESTON Clark's Everglaze Chintz

Now you can have  
these lovely Charleston prints—  
exclusive in "Everglaze"

Because of this firm's style leadership and creative originality—because of the use of Chintz in Old Charleston—but most especially because of the outstanding qualities of "Everglaze," Cyrus Clark Co., Inc., was selected to interpret the spirit of the Colonial South in a number of decorative patterns on this modern fabric.

"Everglaze" Chintz, approved by discriminating women, is not only crisply beautiful but it is washable,\* its lustrous glaze is permanent... and it is popularly priced!

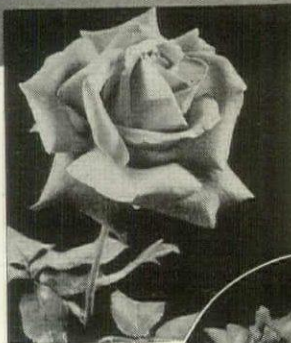
Ask for "Everglaze" washable Chintz by name. It is available in your city not only in the Charleston prints but in a wide range of other smart designs and plain shades. Cyrus Clark Co., Inc., 267 Fifth Ave., New York.

\* Washability approved by American Institute of Laundering and Ivory Flakes Home Laundry Laboratories.



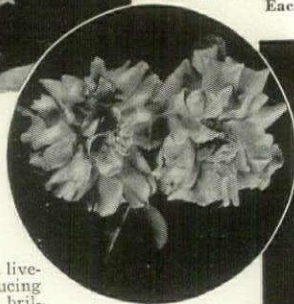
Available in New York at B. Altman & Co. and other leading stores throughout the country.



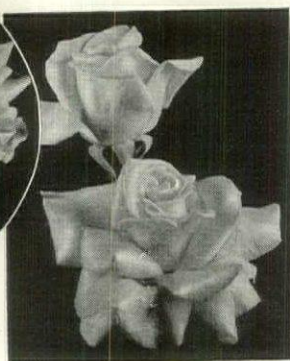


**HERCULES** is a climber having huge flowers 5 to 6 inches across of a clear deep rose pink like Dame Edith Helen. In spite of size, has refinements of the finest Hybrid Tea. Flowers hold their heads high on sturdy stems. By far the greatest of pink climbers.

Each \$2. Doz. \$20.



**FEDERATION** is a lively climber, producing an abundance of brilliant sparkling rose-pink blooms with centers lighter and iridescent orange undertone. Individual blooms often 3½ inches across. Sweetly scented. Fine for cutting. Rugged grower and hardy! Each \$1.50 Doz. \$15.



**STERLING**—above is a magnificent flaming pink, superb in bud and when open. Base of bloom, yellow. Grows strongly. Blossoms freely all summer and well into the autumn. The finest pink rose in existence! Each \$1.50 Doz. \$15.

## New 9 Roses

### Horvath's New Setigera Strain

**YOU** can't go wrong on any of them, whether they be bush or climbers. Aside from their distinct individual beauty, and special value for certain locations and uses, they are all amazingly hardy. True Vikings of rosedom. But that isn't all. They are perpetual bloomers (*climbers excepted*). Still that isn't all. They are remarkably free from black spot, mildew and other pestering rose maladies.

All nine are shown in our New Hand Book. The illustrations are made direct from honest, true-to-life natural photographs.

Three are shown above. The six others are briefly described below. All nine are patent protected by the U. S. government.

#### FAUST

is a shrub rose, having a height of 30 inches and spread of 3 to 4 feet. Blooms are a vibrant cerise-red. Flowers profusely in June and July with an abundant second crop in the fall. Each \$1.25 Doz. \$12.50

#### PINK PROFUSION

3 to 4 feet high with spread of 2 to 3 feet. The Camellia-like blooms are a charming two-tone pink, borne singly and in clusters, which completely cover the plant. Ideal for cutting. Last a week in water. Charming for corsage. Each \$1.25 Doz. \$12.50

#### MABELLE STEARNS'

fragrant blooms are a peach blossom pink with center showing a lovely orange undertone. Flowers freely from June 'till frost. Grand for cutting. 2 feet high with a mat-like spread of 6 to 8 feet. Each \$2. Doz. \$20.

#### CAMILLA

has vivid glowing cherry red blooms with orange center. Blooms singly and in clusters, entire summer. Height 24 to 30 inches, making a compact bush 18 to 24 inches wide. Each \$1.25 Doz. \$12.50

#### POLARIS,

a fragrant white climber of robust growth. The profuse pure white clustered flowers are often 2 inches in diameter. Unquestionably one of the best hardy white climbers. Has beautiful shiny foliage. Each \$2. Doz. \$20.

#### BUFF KING

has deep amber buds, opening with beautiful buff shading, difficult to describe. Ultimate height 10 to 12 feet. Free grower producing a tremendous number of blooms. Each \$2. Doz. \$20.

### WAYSIDE'S NEW HAND BOOK FREE

No longer a catalog. It's now a 160 page Hand Book containing cultural directions for each item, Roses, Hardy Plants and Bulbs. 32 pages of full color reproduction.

The book is free. When sending, enclose 5 three cent stamps to cover parcel post delivery.

Or send postal request and it will be sent 15 cents collect.

See page 96 for our Ad. on Hardy Plants

## Wayside Gardens

30 MENTOR AVENUE

MENTOR, OHIO



## EXHIBITION OF CHARLESTON ANTIQUES

**OF** SPECIAL interest to Charleston visitors, connoisseurs of Americana, and lovers of fine old furniture will be a loan exhibition of early Charleston furniture, March 9 to April 16, for the benefit of the Restoration Fund of historic old St. Philip's Church. The exhibition, first of its kind, will be in St. Philip's Rectory, 92 Church Street.

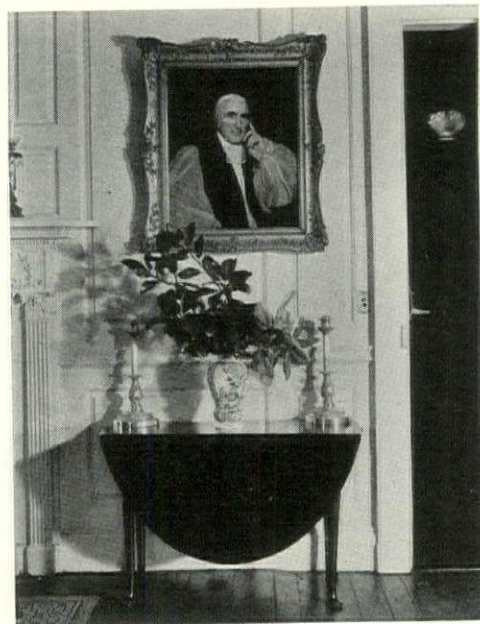
The display will include many historic pieces never before shown outside the homes of their owners. Four rooms in the Rectory are being furnished to recreate the authentic decoration of the 18th century. Many of these old pieces were originally imported from the North and from England and many were the work of early Charleston cabinet makers. All are characteristic of the best craftsmanship of the time.

The two drawing rooms to be shown have fine old Adam mantels and simple straight-lined, painted paneling. In one of the drawing rooms, there will

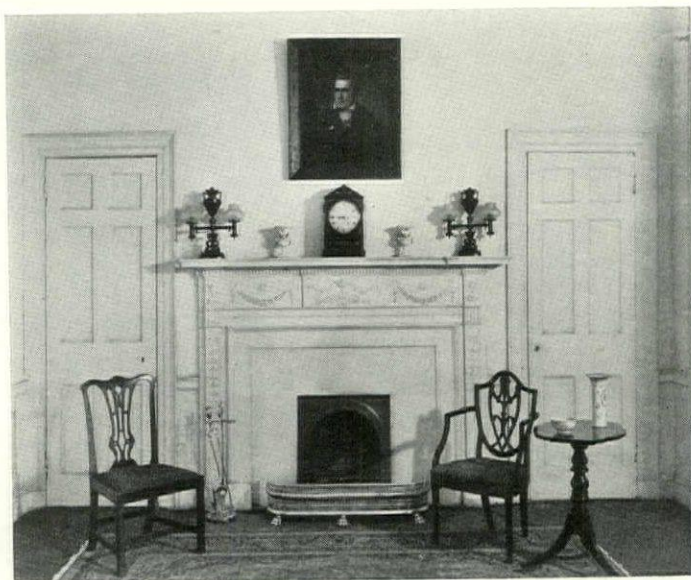
be a Duncan Phyfe tier table made in 1815, for a young New York lawyer, John Wells, whose grandson recently brought it to Charleston.

In the Rectory dining room, twelve Chippendale chairs, each chosen from a different set, will interest admirers of 18th century design, as will the exhibits of china and glass assembled from odd pieces. Upstairs, the master bedroom will contain a four-poster bed, carved with the popular English wheat motif and built to the height of the window sill as Charleston's beds usually were—and a long narrow bed for twins where the children slept end to end, their feet together, under one covering.

St. Philip's Church, for which this exhibition is being held, is one of Charleston's best-known landmarks. The present campaign to repair damage wrought by a tornado last fall is one with which we feel HOUSE & GARDEN readers will be heartily in accord.



Against paneled walls in the Rectory hangs the portrait of the Rt. Rev. Robert S. Smith, first Bishop of South Carolina, founder and first principal of Charleston College, painted by James Carle. The Bishop, closely associated with the growth of St. Philip's Church all during his lifetime, helped in the rebuilding of it after the great fire of 1835



The bronze dolphin lamps at either end of the mantel have been lighted successively by whale oil, kerosene, gas, and now by electricity. Overmantel is Rembrandt Peale's portrait of John C. Calhoun, Southern statesman. Left, a Chippendale chair lent by descendants of Thomas Broughton of Mulberry. Right, Hepplewhite chair from Wappaola



## RECIPES OF THE LOW COUNTRY

(CONTINUED FROM PAGE 81)

eggs. Add the eggs gradually to the rest of the hot cream. Continue cooking, stirring constantly, until the cream thickens. Remove from the fire and continue stirring occasionally until cool enough to be poured into sherbet glasses. Place in refrigerator for at least eight hours. Serve very cold, accompanied by lady fingers. Serves eight.

**COCONUT TARTS.** Line a dozen small tartlet tins with your favorite tart

or pie crust and fill them with a mixture made in the following manner: Cream together  $\frac{1}{4}$  pound sweet butter with  $\frac{1}{4}$  cups powdered sugar. Add the yolks of 6 eggs and the whites of 3, beaten together. When well-mixed, add 2 cups freshly grated coconut or an equal amount of moist canned coconut, a little nutmeg and 1 teaspoon vanilla. Fill the tartlets and bake in a  $350^{\circ}$  oven for thirty or forty minutes.

## OUT FROM CHARLESTON

(CONTINUED FROM PAGE 72)

U. S. 78 and about three hours by train) there is a forest of more than twelve thousand acres with miles of trails for horseback riding. Adjacent to this woodland nestles the tiny city of Aiken, South Carolina.

Aiken is very complete with its five hotels, its Southern residential atmosphere and its several parks which are filled with dogwood and Spring flowers in the month of March. Almost anyone finds enjoyment in the winding roads bordered with moss-hung oaks. Especially the equestrian; he will remain either to watch the contests held at one of the seventeen polo fields or to ride himself through the wooded countryside. Indeed, Aiken restores the horse and buggy age and both the crack polo players and the buggy riders are completely happy.

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ing for the past. And to the visitor steeped in the traditions of Charleston, there can be no greater pleasure than to visualize what American cities were like before Charleston grew to its present proportions.

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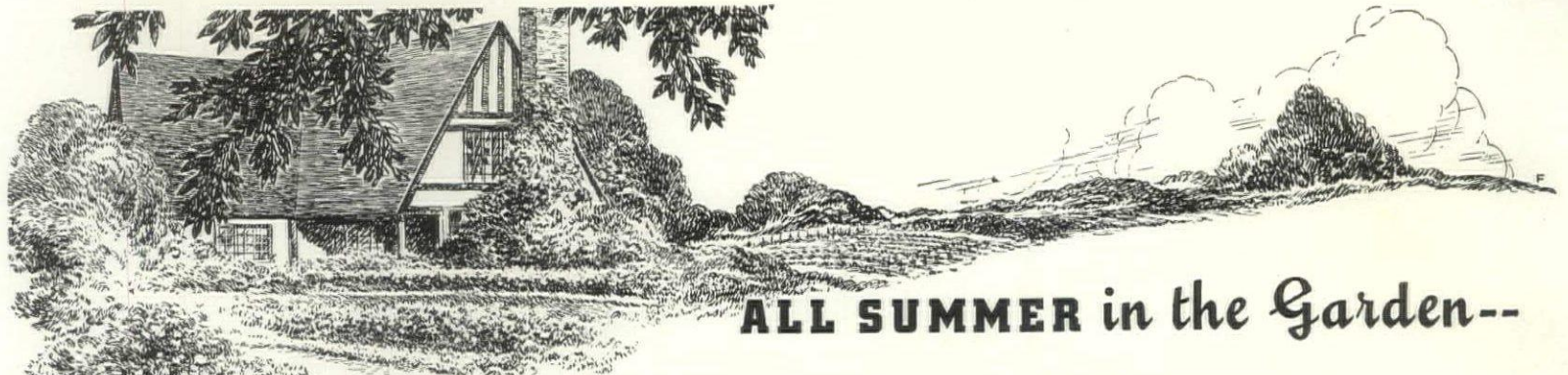
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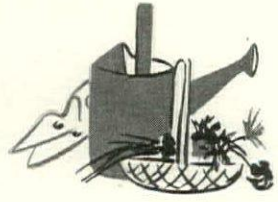
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## THE PARADE OF VERONICAS

(CONTINUED FROM PAGE 53)

garden. For places where grass is difficult to grow or as a ground cover on a streambank, *Filiformis* is quite lovely and useful. It makes deep mats of fresh green, and in April or May splashes these with china-blue flowers. Light shade and cool conditions are most to its liking, since its one weakness is sun-scorching in midsummer.

A little more lusty is the next Veronica in our parade. This one may be variously listed as *V. rupestris*, *teucrium dubia*, *prostrata* or *teucrium prostrata*. Since our story is not a scientific treatise or an attempt to untangle the nomenclature of the genus Veronica, we will continue to call this species, or variety, by the name under which it first entered our garden, *V. rupestris*, or Harebell speedwell.

By any name, *V. teucrium* is a splendid rock plant, making thick mats of deep green leafage, growing three to four inches tall, and in late May or early June almost hiding its green under a cloud of sapphire-blue flowers. We like it for its hardy, vigorous disposition, its usefulness for carpeting in spots where just such a need is felt, its neat habit, and for the vivid blueness of its flowers.

One of the varieties, Royal Blue, is of bushy habit, making a compact clump of clean, dense foliage in May or June. It sends up slightly branched spikes of sapphire-blue flowers to a height of nine inches or a foot. From the descriptions, "True Blue" seems to be much the same plant, but this one has never grown in our garden.

*Teucrium trehane*, or *V. trehani*, has the habits of Royal Blue, but is more dwarf in stature. It gives an attractive contrast in its golden foliage and bright blue flowers.

*V. rupestris*, Heavenly Blue, on the other hand, is a prostrate grower, good between stepping stones and as a wall garden curtain. *V. rupestris nana* and *rupestris nana rosea* are both gems for the same purpose.

The grace and form of the taller Veronicas enhance the beauty of the mixed border perennials with which they bloom by the contrast of their spiked stature and their color. The earliest to flower of this group is the Gentian speedwell, *V. gentianoides*, from the wet Alpine meadows of Europe. In late April and May it produ-

ces slender, stiff spires of pale blue a foot above its neat clumps of green foliage. An excellent Veronica to serve as a companion for Tulips and easily grown in any garden loam.

Later to bloom is our personal favorite of all the border Veronicas, *V. incana*, or Woolly speedwell. The foliage is silvery-gray and between June and August it sends up showy spikes of deep blue flowers to a height of one foot or more. *V. incana* is attractive in the low border or rock garden, is valuable for cutting, and is to be highly recommended as a hedge plant for formal beds. *V. candida* and *V. neglecta* are synonyms under which *V. incana* is sometimes to be found.

The lovely *V. amethystina*, or *spuria amethystina*, has acquired the name of being a lounge. It is true that it does grow weedy and floppy, but since no other Veronica quite equals it in color in the early Summer garden, it seems worthy of the small amount of labor required to keep it neat. This labor is to divide every second season and to cut it back severely as soon as the bloom is over.

Eighteen-inch to two-foot tall *V. spicata*, the Spiked speedwell, is a handsome Veronica for the middle of the border in groups or masses. Its long, broad spikes of clear blue are produced abundantly in June or July, and if cut back before going to seed, will flower all Summer. It proves easy in any good loam but, as a persistent bloomer, it appreciates a little extra nourishment in the way of bonemeal. For best results, divide the plants every three years.

*V. longifolia* is an above-par Veronica, but it has even a superior form, *subsessilis*. This is one of the showiest of border perennials, making masses of strong rich foliage and offering, from July to October, its heavy spikes of intense blue flowers. From two feet to thirty inches high, the plants increase in strength and beauty year after year.

We bring our parade of the Veronicas to an end with the aptly named Blue Spires, a comparative newcomer to the garden and a hybrid of *spicata* and *longifolia subsessilis*, retaining the best features of each. It has the rich coloring of the latter, with clean, attractive foliage and a bushy, upright habit. The lovely two-foot spires come in early Summer when blue is at a premium for strong border perennials.

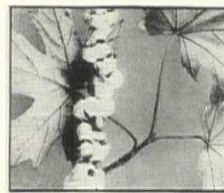
## Slumber-time Spraying MAY SOUND POETIC BUT IT IS HIGHLY PRACTICAL



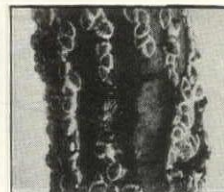
Dormant Spraying—so-called because it is done during the Winter months while trees are in the dormant state—offers the most effective and economical control of certain fungus diseases and scale insects.



Above, is a twig badly infested with Tulip Tree Scale, one of the hundreds of different scale insects which can be controlled by Dormant Spraying.



Cottony Maple Scale is best dealt with by spraying in the winter while trees are in the dormant state.



The Elm Bark Louse is another destructive pest that succumbs most readily to Dormant Spraying, if you know what to apply and when to spray.

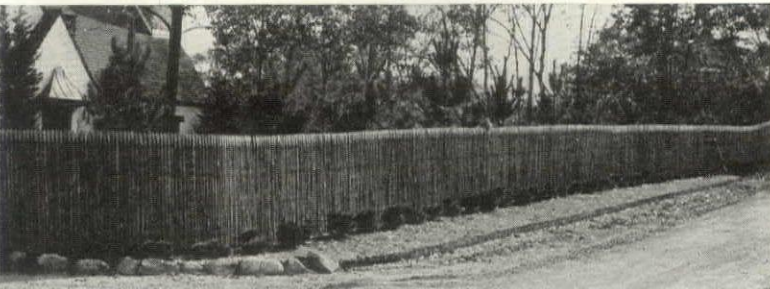
Like every other weapon used to combat tree pests and diseases the measure of success achieved through Dormant Spraying depends largely upon Proper Diagnosis, Materials, TIMELINESS, Skill and Efficiency. » » Its value depends upon taking action while trees are still dormant. If you wait until new growth develops it is too late. And since Dormant Spraying cannot be done satisfactorily in below-freezing weather and there is always a last-minute rush for this type of work it is well to get your order in early. » » This is just one more example of the advantages and economy of having your trees cared for on the Bartlett YEARLY SERVICE basis. » » This Service is based on frequent Periodic Inspections by a thoroughly competent Bartlett Representative who is as well a capable diagnostician. » » Being able to watch your trees and observe their condition over a period of time, he is in a position to intelligently plan the necessary steps to keep your trees healthy and beautiful at minimum cost and with maximum effectiveness. » » Why not have the Bartlett Representative call and explain the advantages and economies of this service. He will gladly do so without cost or obligation and will at the same time inspect your trees and tell you whether or not there is need for Dormant Spraying at this time. Phone your nearest Bartlett Branch or write.

## BARTLETT

• TREE EXPERTS •

**The F. A. BARTLETT TREE EXPERT CO.**  
Research Laboratories and Experiment Station, Stamford, Conn.

Bartlett Service is available in every community from Maine to the Carolinas. Write us for the address of the Bartlett Representative nearest you.



## DUBOIS CHESTNUT FENCE

WOVEN WOOD

A charming fence for your house. DUBOIS French Fence is not only lovely to look at but is practical as well—Note in this picture how it screens from auto glare; how it protects and gives privacy to all within its friendly enclosure. Easy to erect; lasts a lifetime.

Comes in several lengths and spacings appropriate for country estate, suburban home, city lot, penthouse, and roof terrace.

Send for illustrated booklet B. Order now for immediate or later delivery and secure advantage of present low winter prices.

Also Old English Hurdle and Old-Fashioned Post & Rail.

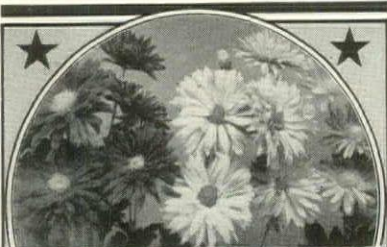
101 PARK AVENUE—NEW YORK, N. Y.  
PHILA. BRANCH—LINCOLN HIGHWAY, PAOLI, PA.  
PACIFIC COAST BRANCH—LOS ANGELES, CAL.

DUBOIS REEVES FENCES Inc.



## THE OLD SLAVE QUARTERS

(CONTINUED FROM PAGE 70)



## Order these new BRISTOL CHRYSANTHEMUMS

NEW, RARE VARIETIES for Your Hardy Garden

From mid-September until heavy frosts, after other flowers fade, these glorious Bristol 'Mums will beautify your garden—last two weeks or more after cutting. Order these rare, new varieties now for spring delivery... enjoy their loveliness year after year!

**LAVENDER LADY.** Rare, true lavender color. Abundant full double, 3" flowers on branching sprays. 75c per plant.

**PALE MOON.** Densely branched, fluffy sulphur-yellow blossoms, loosely double, 2" across. 75c per plant.

**BURGUNDY.** Rich carise crimson. Large size, double flowers on erect branching stems. 75c per plant.

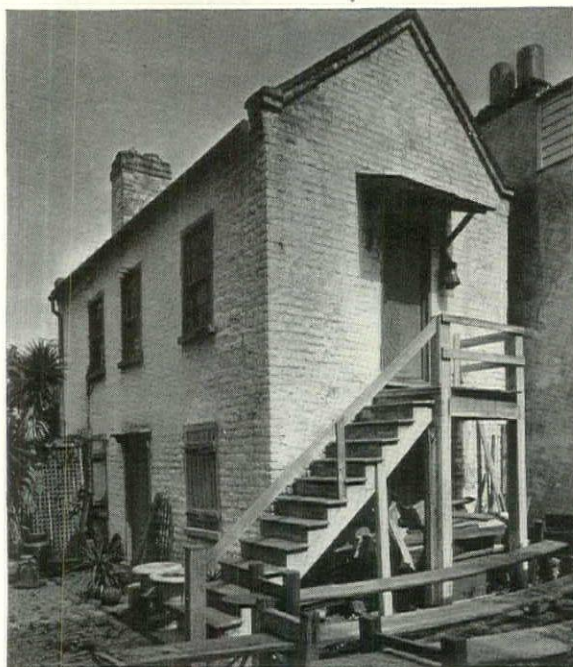
**ROSE GLOW.** Abundant raspberry rose blossoms, semi-double, 2" flowers on gracefully branching sprays. 75c per plant.

**ROBERTA COPELAND.** Unique bright tomato red shading to rose gold. Semi-double, medium size blooms on short branching stems. 75c per plant.

**SPECIAL OFFER.**—Your choice of above hardy, easy-to-grow plants—\$7.50 per doz. One each of any three varieties—\$2.00. Three of each of any three varieties (nine in all)—\$5.50. Prepaid. If West of Mississippi, add 10% for mailing.

SEND FOR FREE colorfully illustrated catalog offering the new Harrington's Pink Aster, Buddleia Dubonnet, Northland Daisies, Hardy Pink Delphinium, a glorified Chinese Lantern, McGredy's Sunset Rose and hundreds of other choice hardy garden items.

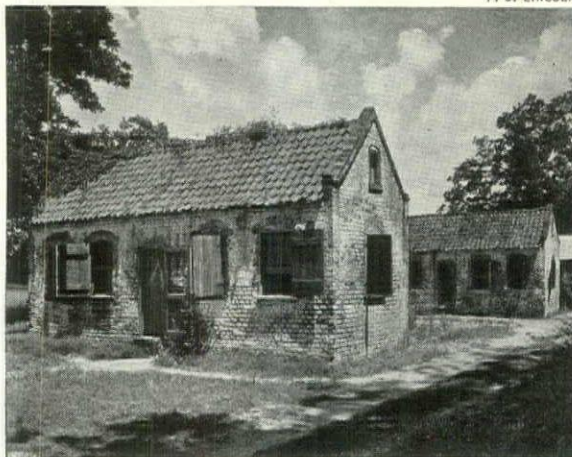
**BRISTOL NURSERIES INC.**  
Dept. 28  
BRISTOL, CONN.



ABOVE: This slave cabin, behind the house at 86 Church Street, was entered from its second floor by a steep flight of steps leading up to the picturesque chevron paneled door. The "joggling boards" in foreground are used as garden seats

BELOW: Cabins like these, built in 1843 of bricks from the plantation kilns, stand in rows on either side of the avenues of live oaks at Boone Hall. Note roofs of early pan tile and steep pointed gables found in so many old slave houses

F. S. LINCOLN



## Lovely new Gay Feather

LIATRIS  
SEPTEMBER GLORY

• Tall, graceful spikes thickly studded with stunning lavender-purple blooms in late August and September. A real novelty acquisition for the garden enthusiast! Grows 3 feet tall. Dreer-quality plants, 60c each; 3 for \$1.55. Sent prepaid.

Also—don't miss the thrilling **DELPHINIUM Galahad**

Enormous clear-white double blooms (averaging 3 in. diam.) poised on majestic spikes. Tall, stately plants. \$1.10 each; 3 for \$3. Sent prepaid.

FREE—Dreer's 1939 Garden Book. More than a catalog. Abounds in rare novelties and old favorites.

**HENRY A. DREER**

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Send me, carriage prepaid,  
.....plants Liatris  
September Glory, and.....  
plants Delphinium Galahad.  
Amount enclosed .....

Name.....

Street.....

City.....

State.....

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## Wyant ROSES

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Sturdy, Hardy plants that mean pleasing results, grown in Ohio's famous roseland.

Get the Blue Book—It's Free

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Rose Specialist

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YOU can secure by return mail directly from us, Sutton's world famous English seeds.

Send 5 three cent stamps for our 160 page Hand Book, fully illustrated; 32 pages in true color. Invaluable help to greater gardening success.

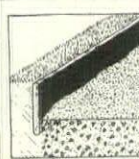
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Field grown, all blooming size. 13 beautiful varieties including: English and Chinese Delphiniums; Coral (Tenuifolium); Regal, Philippine Lilies; Aquilegia, double Sweet William, Oriental poppies, Canterbury Bells, Daisies, etc. 3-PLATYCODON, pretty bell-shaped flowers, will be added ABSOLUTELY FREE if you order now. Supply of plants limited. Order NOW. SATISFACTION GUARANTEED.

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A rust-resisting metal edging strip for the separation of lawn from road, walk or garden. Write for folder.

THE PORCUPINE CO., FAIRFIELD, CONN.

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Easiest power mowing is Lawn-Boy mowing. One hand controls everything—starting, stopping, steering... Cuts 18" swaths, heavy growths of grass, in a quarter of the time. Mows a good sized lawn for 5¢ fuel cost. Quiet, easy starting 4-cycle motor; speed selector; adjustable cutting heights; rubber tires. 2 models, \$79.50 (illustrated) and \$110... Write today.

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Model "S" **\$79.50**  
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## More Beautiful Flowers

### INOCULATE SWEET PEAS AND LUPINES WITH NITRAGIN

Use NITRAGIN inoculation to get finer, more luxuriant and earlier blooms. Don't blame the soil—inoculation is essential for lupines, sweet peas, and all leguminous plants.

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Don't gamble—use NITRAGIN—tested and proved for 40 years. Strains have been bred up by laboratory and garden testing. Produce sturdier, healthier plants and enrich the soil with nitrogen. Package treats up to 6 pounds of seed. If your dealer does not handle, send 10 cents for trial package with directions.

**THE NITRAGIN CO.**  
3814 North Booth Street  
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GARDEN SIZE **10¢**

**NITRAGIN**  
OLDEST, MOST WIDELY USED INOCULANT

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**GIANT BLUE MOON SCABIOSA**  
All America Winner  
Double, deep lavender blue flowers, 2 3/4 inches across. Ideal for cutting. Packet, 25c.

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A wonderful reference book.  
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Immense, fragrant white blooms. Hardy, easy to grow. Generous-size bulbs, guaranteed to bloom, all post-paid: 3 Bulbs 25c; 7 for 50c; 15 for \$1. Burpee's Seed and Bulb Catalog free.

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OUR 48 PAGE CATALOG FREE

Special Dahlia Collections 5 Miniatures \$1, 5 Giants \$1, 6 Pompons \$1, 6 Single \$1, 5 Orchid-flowering Dahlias \$1. For description of these and other collections send for

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**DAHLIADEL NURSERIES**  
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**Every garden lover  
should send for these  
Free bulletins NOW!**

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**For All-Summer Blooming**

The tuberous-rooted sorts we offer are a select strain, and give blooms 3 to 5 inches across. Tremendously improved over old bedding type. Particularly suited for shade or part shade. Continuous flowering from mid-June till frost.

**Giant Double Flowering** (Camellia type). Colors: Crimson, White, Yellow, Salmon Pink. Large healthy tubers \$3 per dozen, \$20 per hundred. Properly shipped and carefully labeled.

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**CARL GIESSLER, Inc.**

Seed & Bulb Specialists

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GieSSLer Seeds are distinguished for freshness and high germination. Sow for success. Catalog now ready.



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1939

**Illustrated  
NURSERY  
Catalog  
Free**

It describes hundreds of Fruit Trees—Shrubs—Roses—Perennials—Highest Quality—Reasonable Prices.

You will find many new and interesting plants as well as special bargain offers.

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### IDEAL LAWN PROTECTOR

Keeps traffic off lawn—6 steel stakes—hardwood top—60 ft. heavy cord—postpaid \$1.25 in U.S. Also Ideal Rose Holder, Plant Markers, Plant Stakes and Ties, Sweet Pea Trellis—Available at Idle, Seed & Dept. Stores, or Send for Folder—“New Ideal Garden Gadgets”.

Lansing Specialties Manufacturing Company Lansing Dept. HG Mich.

## TUBEROUS BEGONIAS

(CONTINUED FROM PAGE 60)

about the third week in May, or earlier if the weather permits, harden the plants off by placing them outdoors in a coldframe or under trees or shrubs. Keep them moist, and also disbud any leggy ones to encourage strong and healthy plants.

### PLANTING

Plant the Begonias not later than when the first flower buds are forming. This should be about the end of May. Many people desire to see an immediate floral display and wait until the plants are in full bloom before bedding out. To do this checks the bloom and encourages vegetative growth. The proper time to set the plants is while they are still growing with only a few buds visible. Planted at this stage, they will produce strong attractive specimens that will bloom profusely all through the Summer.

Begonias thrive best when planted in a bed where shade, shelter, moisture and rich soil are present. They are heavy feeders, and, since they are shallow-rooting plants, it is advisable to enrich the top 6 inches of soil with a mixture of peat moss or leaf mold, sand and a scattering of bone meal. Set the plant out in the usual manner, making sure that the top of the tuber is not more than 1 to 1½ inches below the surface of the soil, and follow with a good watering.

### PRECAUTIONS

For satisfactory results there are only a few precautions to follow. About the end of June mulch with a mixture of peat moss and sheep manure, using a 5-inch pot of sheep manure to 1 bushel of peat moss. This type of feeding should prevent bud drop to a great degree. Stake the plants to prevent rotting or injury from winds. Keep the ground moist at all times but not soggy. Also moisten the foliage occasionally. This increases the humidity and therefore prevents the dropping of the flowers.

You will notice that the flowers are in clusters of three, two small female flowers and one large male flower in the center. To produce a larger and more lasting bloom, remove the female flowers as soon as they are visible. Fine tubers and careful handling make for exhibition blooms, but a reasonable size

for you to expect is generally a 4- to 5-inch bloom.

In the Fall, when the plants have been touched by frost, dig the tubers, allowing the soil to adhere to them. Cut the stalk to 3 to 4 inches. Mark or label according to color and type, and put them in a cool place for about 4 weeks to ripen. Then clean the tubers, and store them in dry peat moss or sand at a temperature of 50 to 55 degrees. Then you should allow at least 3 months before starting the tubers into growth again.

### VARIETIES

Many varieties are on the market, and some large Begonia firms have their different varieties named. The following are the types most frequently found in the catalogs:

**Single**—Very large flowers with massive foliage. Usually flowering more freely than the double varieties.

**Camellia-flowered**—Beautiful large definitely double flowers with heavy petals resembling *Camellia japonica*. A wide range of colors and the most popular form at present.

**Crispa**—A single Begonia with very frilled edges.

**Cristata**—Very striking single. The crested part of the petals often a different color from the petals themselves.

**Carnation-flowered**—A double type with short fringed petals resembling the Carnation. This one promises to surpass even the Camellia-flowered in popularity.

**Narcissaeiflora**—A new type. The center resembling the trumpet of the Narcissus.

**Pendula**—Small flowers in great quantity. Used for hanging baskets, porch boxes and in rock gardens for a cover plant.

### COLLECTING

It is impossible to tell you which type of tuberous-rooted Begonias to grow. They are all so lovely and each strikingly different. When you once start growing them, you will find yourself adding to your collection each year, for you will want to try them all. These Begonias will make the shady spots in your garden a pleasure instead of a difficult problem.



## Write for this FREE Spring Planting Guide

It's yours for the asking—this handsome 24-page book which describes and illustrates in full color the magnificent blooms that result from planting Van Bourgondien's world-famous Seeds, Hardy Plants, Novelties and Roses. Contains many NEW, PRIZE-WINNING varieties and several tempting SPECIAL OFFERS. For YOUR FREE COPY write:

**Van Bourgondien Bros.**

Box 44

Babylon, L. I., N. Y.

A New Booklet  
Now Ready for  
Gardeners who  
desire the new  
varieties of

Large-  
Flowering

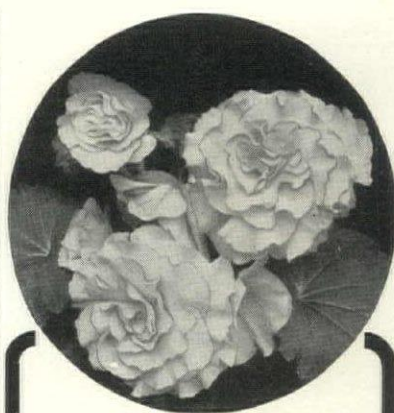
## Clematis

These new varieties are noted for beauty of color, for size of flowers, and vigorous growth. The colors vary from pure white to violet-blue, from silver-pink to deep crimson.

### Ask for this New Booklet

It tells about these new varieties; a score of colored pictures add to its value; and helpful culture hints are given. Write today for a copy of Booklet A.

**James I. George & Son**  
FAIRPORT, NEW YORK



### TUBEROUS-ROOTED

## Begonias

Gorgeous blooms in ten types of flowers and nine different colors. The flowers are extra large, measuring from 5 to 8 inches across. You and your friends will be thrilled with their beauty.

In the Camellia-Type We Offer

12 tubers (your choice of colors)	\$3.00
12 tubers (large select bulbs)	5.00
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All postpaid. Send check or money order.

Be sure to have these Begonias this year—don't wait longer. Order early to secure choice colors. Cultural directions supplied.

**Beautiful Begonia Book** tells about prize-winning Begonias, describing types and colors. Several color pictures and many photo-prints. A copy will be mailed on request.

**HOWARD R. RICH**

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Quality  since 1897



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FOR A  
PERMANENT LAWN

STAIGREEN is a modern lawn formula, free of troublesome weeds and crabgrass, producing under normal conditions a permanent lawn of beautiful deep-rooted turf, luxuriant and emerald-green from early Spring to early Winter... Don't experiment, sow STAIGREEN.

Pamphlet "How to Build a Permanent Lawn" free in every package.

2½ lbs. \$1.55 12½ lbs. \$7.00

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Delivery prepaid anywhere in U. S. A.

Use one pound for a quick new lawn 10 x 20 ft. — half quantity for renovating old lawn.

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25 lbs. \$1.75 100 lbs. \$5.00

For new lawns use 10 lbs. to 200 sq. ft. — half quantity for renovating.

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##### FLOWERING CHERRIES:

- 10 var. 5 to 6 ft. for \$35.00  
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- in white, pink, rose and red:  
12 var. 5 to 6 ft. for \$30.00  
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TWELVE FLOWERING TREES, all different, including red and white double flowering Peach, single and double Japanese Flowering Cherries, Chinese Flowering Crabs, and Chinese Magnolias..... for \$40.00

Ask for House & Garden price list of specimen flowering trees; Magnolias, Crabapple, and Cherries.

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A pamphlet of Lawn Culture issued four times yearly. Write for Free Copy. In every pound of Prestige Lawn Seed, there are over 3,000,000 Living Seeds, Laboratory Tested... ready to weave a fabric of deep fine-textured turf, healthy and resistant to Crab Grass and other weed pests.

#### "PRESTIGE" Praised at "Greystone"

"Mr. Untermeyer, who is very critical regarding his lawns, informed me recently that he has never seen the lawns at 'Greystone' looking so well. Your seeds have been used exclusively at 'Greystone', and in our various landscape projects throughout Westchester County for the past four years."—Geo. H. Chisholm, Manager "Greystone" Estate, Yonkers, N. Y.

#### Use 4 lbs. for 1,000 sq. ft. of Lawn

For Sunny Areas	For Shady Areas
1 lb. .... .60	1 lb. .... .65
2 lbs. .... \$1.15	2 lbs. .... \$1.25
5 lbs. .... \$2.75	5 lbs. .... \$3.00
10 lbs. .... \$5.25	10 lbs. .... \$5.80

#### SOW "PRESTIGE LAWN SEED" NOW

Insist on PRESTIGE LAWN SEED at your dealer's. If he cannot supply this brand, write, phone or wire us for the name of a dealer who can do so.

Send for your Free Copy of "LAWN BEAUTY" today

**CHANDERLIN SEED COMPANY**  
Dept. A, 601 West 26th St., New York, N. Y.

## CHARLESTON'S FAMOUS GARDENS

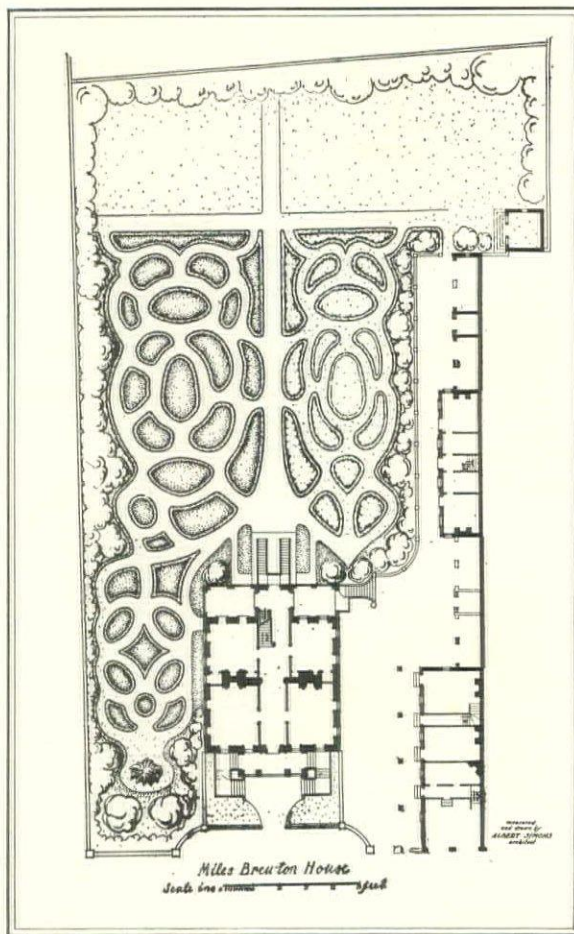
(CONTINUED FROM PAGE 45)

bricks, with marble coping, surmounted by a fine old wrought iron fence, are all indicative of early design. However, it is not probable that this garden was made at the same time as the house, for it would have been too small for the original ample grounds, the size of which is suggested in Colonel Rhett's will. This document states that his wife "would hold by survivorship the plantation without the fortifications of Charleston", the gateway of which is on the "Highway", now King Street.

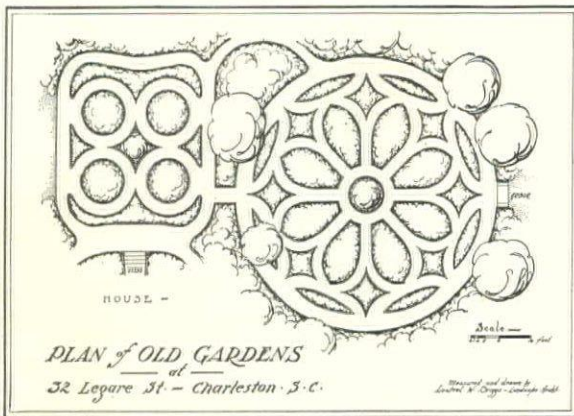
The fragile beauty of gardens does not always endure and many of those built years ago have gone. Fortunately, one of the finest examples of the early era may be seen today, Middleton Place, which is believed to date back to about 1740. It is not known who created the superb design, but it has a distinct French flavor, which is easily

understandable. Colonists of wealth and culture were in close touch with the art and modes of the older countries and followed fashions from across the sea. At that time many important places in Europe had been designed under the widespread influence of that great French landscape architect, André Le Nôtre, whose achievements, notably the gardens of Versailles, aroused the admiration of people with discriminating taste. Some had traveled to France to study his methods and carry them to their own countries. So closely does the plan of Middleton Place adhere to the principles and manner of Le Nôtre and his pupils that we can quite definitely attribute the inspiration for these famous gardens to that noted master.

The whole scheme is in such vast scale that the camera lens has never  
(Continued on page 95)



ELABORATE PLAN OF THE MILES BREWTON HOUSE AND GARDENS



VICTORIAN DAISY-SHAPED GARDEN OF THE SIMONTON HOUSE

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WE OFFER  
Lawn Care  
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It will guide you in preparing a lawn of lasting beauty... Mr. C. J. Hamilton of Cleveland, says: "Have learned more from LAWN CARE than I have absorbed in the previous 50 years." A New York customer writes: "I didn't realize how fascinating lawn making could be until I read LAWN CARE." • You will find the solution to your problem in LAWN CARE... Send for your copy... it's Free.

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**Scott's**  
SCOTT'S SEED makes BEAUTIFUL LAWNS!



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From Insects and Disease

TRI-GEN is an amazing spray that gives complete plant protection. Positively controls blackspot and mildew; kills insect pests.

Stimulates luxuriant growth. For sale by garden supply stores. If unable to obtain, write us. FREE bulletin.

## TRI-GEN

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The most striking improvement in flowering shrubs in many years. Delightfully fragrant, pink and white flowers. Glossy dark green foliage and very hardy.

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Chestnut Trees are the most productive of all nut trees, easily grown, heavy yielders.

Plant for Beauty—Profit—Shade—Nuts—Fun  
Send post card today for FREE Booklet and price list. Hybrid Hickories, English Walnuts, Illinois Pecans, Stabler Black Walnuts, etc. Have experimented with nut trees for over 25 yrs.  
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### "Thornless Beauty"

New! The first hybrid tea rose in the world without a thorn! Crimson red. Blooms about 4 1/2". Lasting fragrance. Very hardy. First year; limited supply. Price \$3.00 each; \$30.00 dozen. Write for free full color literature on Grillo fine roses.

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HOUSE & GARDEN'S  
PORTFOLIO OF FLOWER PRINTS  
POSTPAID \$5.00

## Burpee's Giant DAHLIAS

3 favorite colors, pink, red and yellow—1 of each, all 3 Roots (value 75c) postpaid for just 25c! Or, send \$1 for 12 Roots, these same 3 colors, any no. of each. Guaranteed to bloom. Burpee's Seed and Bulb Catalog free. Very low prices.  
W. Atlee Burpee Co., 368 Burpee Bldg., Philadelphia



## RHODODENDRONS for 20¢!

Carolina Rhod.  
(Bushiest type)

Small 12-inch plants dug with a ball. Collected carefully and will grow into specimens, in a few years, worth many times present price.

Rhododendron	(25 or (50 or	
Maximum-white,	more)	more)
July	.28	.20
Carolina-pink,		
May	.32	.30
Catawba-red,		
June	.32	.30
Mountain Laurel		
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All four—25 of each—  
three months of beauty  
—100 plants packed for **\$25.**

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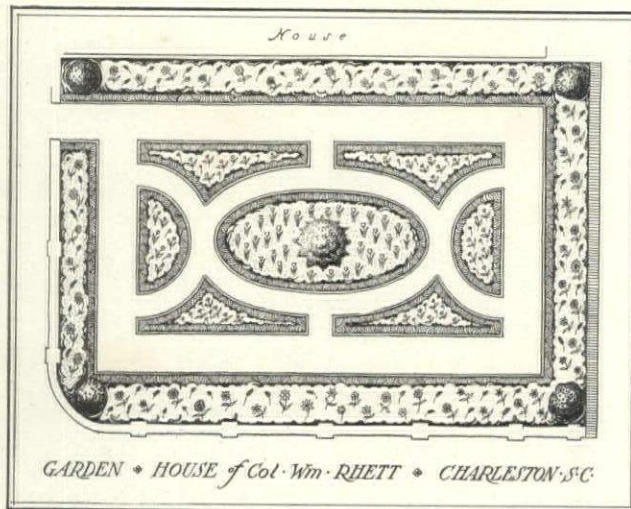
## CHARLESTON'S FAMOUS GARDENS

(CONTINUED FROM PAGE 94)

been able to portray adequately the beauty of the design. Commanding a superb view of the Ashley River, the level formal lawn on which the house stood sweeps from its gracefully curved edge down toward the water in great sloping terraces, spreading out like a gigantic fan. At the base of the fan are two identical pools, each in the shape of a butterfly wing. To the left of the terrace lawn, as you face the river vista, begins a magnificent arrangement of smaller gardens, Azalea-bordered lawns and limpid pools, all interlaced with shadowy allées of ancient Camellias.

About 1843 there were brought to the estate of Magnolia-on-the-Ashley specimens of two newly introduced plants, the *Azalea indica* and the *Camellia japonica*. Under the supervision of the owner, the Reverend John Drayton, an ardent gardener, were cre-

ated the arrangements of these striking shrubs in many beautiful varieties which form the gardens that are so famous today. The great masses of brilliantly colored flowers against a superb background of woodland growth, frequently reflected in mirror-like pools, are a magnificent, never-to-be-forgotten sight. To the serious gardener there is also presented here an opportunity to see some of the rarer forms of the *Azalea indica*, for the collection is remarkably complete. There is the semi-duplex (*Wils.*) with double flowers, the famous *f. variegatum* D. C. introduced from China in 1838, and the very large flowered *calycinum* (*Wils.*), to mention a few. The Camellia enthusiast will find priceless varieties of that superb flower, for as far back as 1858 Mr. Drayton stated that there were 120 double varieties growing at Magnolia.



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It's a rare one, coming direct from far-off China's highlands. Produces a wealth of true blue blooms, lasting all summer.

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Choice lovely deep blue spikes 2 feet high. Ideal in border. Striking when planted separate. Withstands hot, dry weather.

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## NEW BLUE HYDRANGEA and 26 other New Hardy Plants

There isn't one among the 27 new Wayside hardy plants shown in our New Hand Book that we can't recommend to you whole-heartedly. Every one has been Wayside-tested and merit-proven.

Some are old friends so improved as to be distinctly New. Others are out-and-out New. Every one of them is a Wayside root-strength plant that will bloom for you the first season.

**NEW HARDY MUM—Clara Curtis**

Hardy eight weeks' flowering chrysanthemum. Covered with a carpet of 3 to 4 hundred daisy-like, pink blooms, starting in September. Charming. A perfect hardy.

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**NEW HARDY FUCHSIA**

Blooms all summer. Ruby red flowers by the hundreds. When brought inside in the fall, keeps on blooming.

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**NEW CLEMATIS—Mrs. Robert Brydon**

A late summer blooming hardy climber. A cross of Clematis Davidiana and a hardy rugged growing native specie. Grows 8 to 10 feet. Large masses of pale blue flowers. Excellent for covering fences and trellises.

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**NEW ANTHEMIS—Moonlight**

Here's something choice. Blooms all summer. Pale yellow flowers. 2½ inches across. Excellent for cutting. Ideal for borders. Height 2½ feet.

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The old-fashioned red-hot poker greatly improved. Delightful Havana color shaded pale yellow. Blooms all summer right up to frost.

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You who know how complete Wayside's catalogs have always been, will be surprised how far better in every way this New Hand Book is.

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Shows all 27 of the New hardy plants, besides the 9 New roses. Bulbs also included. In all, 160 pages. It's free, but because of its weight, must be sent parcel post. Enclose 5 three-cent stamps to cover delivery. Or send postal request and it will be sent 15 cents collect.

See page 88 for our Ad on New Horvath Roses

**Wayside Gardens**

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**FROM A GARDENER'S NOTEBOOK**

(CONTINUED FROM PAGE 80)

FOR THE GARDENER'S BOOK SHELF. Gardeners are notorious readers-in-bed. They usually keep a pet catalog handy for the night hours and when they tire gloating over these, they read—gardening books. We have been entranced by two lately—E. I. Farrington's "The Gardener's Travel Book" and Stuart Boothman's "The Alpine House". Mr. Farrington lists and pictures all sorts of American gardens to visit. It is a Baedeker, a guide book for those who go on gardening pilgrimages.

The Boothman book piques our curiosity. I've always wanted an Alpine house. Instead of a rock garden, I want to grow rare rock plants in pots, the way they do in England. Well, I've got the little greenhouse and now I've read Mr. Boothman's book, and maybe another season may see me succumbing to this long-pursued temptation.

FALL ASTERS AND A BOOK. Just because the original wildlings are common to our sight in meadows and roadside ditches, we Americans are apt to neglect the new Michaelmas Daisies or Fall Asters. To be sure, lots of us grow the little ground-hugging sorts, which were originally hybridized for the war graves in France, but we don't rush to try the taller sorts. Let me recommend, then, some of the small-flowered, medium-growing new varieties—Beechwood Challenger, Sunset Glow and Strawberries and Cream.

And mention of hardy Chrysanthemums reminds me that I have just been reading the proofs of Alex Cumming's

new book on them. It is to this master-hybridist that we are all indebted for some of the most beautiful Chrysanthemums that ever graced our gardens.

RETURN TO TRITOMAS. There was an Autumn day many years ago when, rounding the corner of a greenhouse at Kew Gardens, I suddenly came face to face with a breath-taking bed of Red-hot pokers or Tritomas. It ranged from fiery red to sulphur and in height from six feet to a few inches. Then and there I made a solemn resolve to go heavily into these fascinating plants.

At the time not many varieties were available in America. I bought all that were and then began importing seed from England and Germany, from Pfitzer, especially, who was hybridizing them. Before I knew it the garden at Sun House took on the aspect of a Pineapple field. By careful mulching and by giving the more tender sorts the protection of a coldframe over Winter, we managed to keep them over several years in this Connecticut hilltop garden—not only the originals but their abundant increase.

Then, I tired of them, gave the plants away to friends in the South, and our garden saw Tritomas no more. Of late years some new and outstanding varieties have come on the market—Orange Flame, the early yellow Tucki, the pale yellow Gold Mine and the rich yellow Towers of Gold. Although I had sworn off Tritomas, I feel the old temptation creeping on me!

RICHARDSON WRIGHT

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An Improved Invention for spraying Plants, Trees, Shrubs, Etc.—ready for instant use by inserting insecticide stick in cartridge chamber of sprayer. We supply the Old Reliable Insecticides recommended by Entomologists and Horticulturists everywhere.

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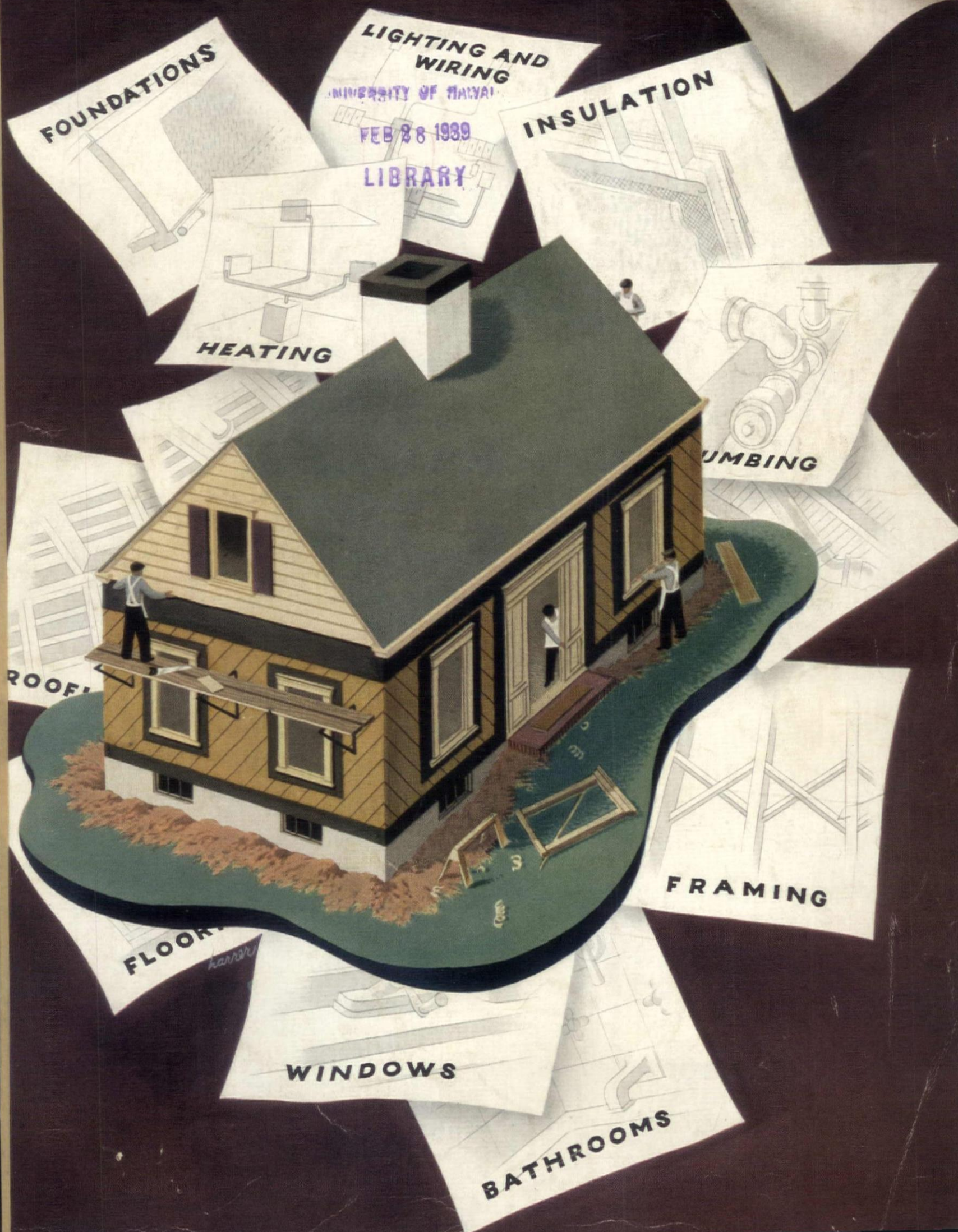


# House & Garden

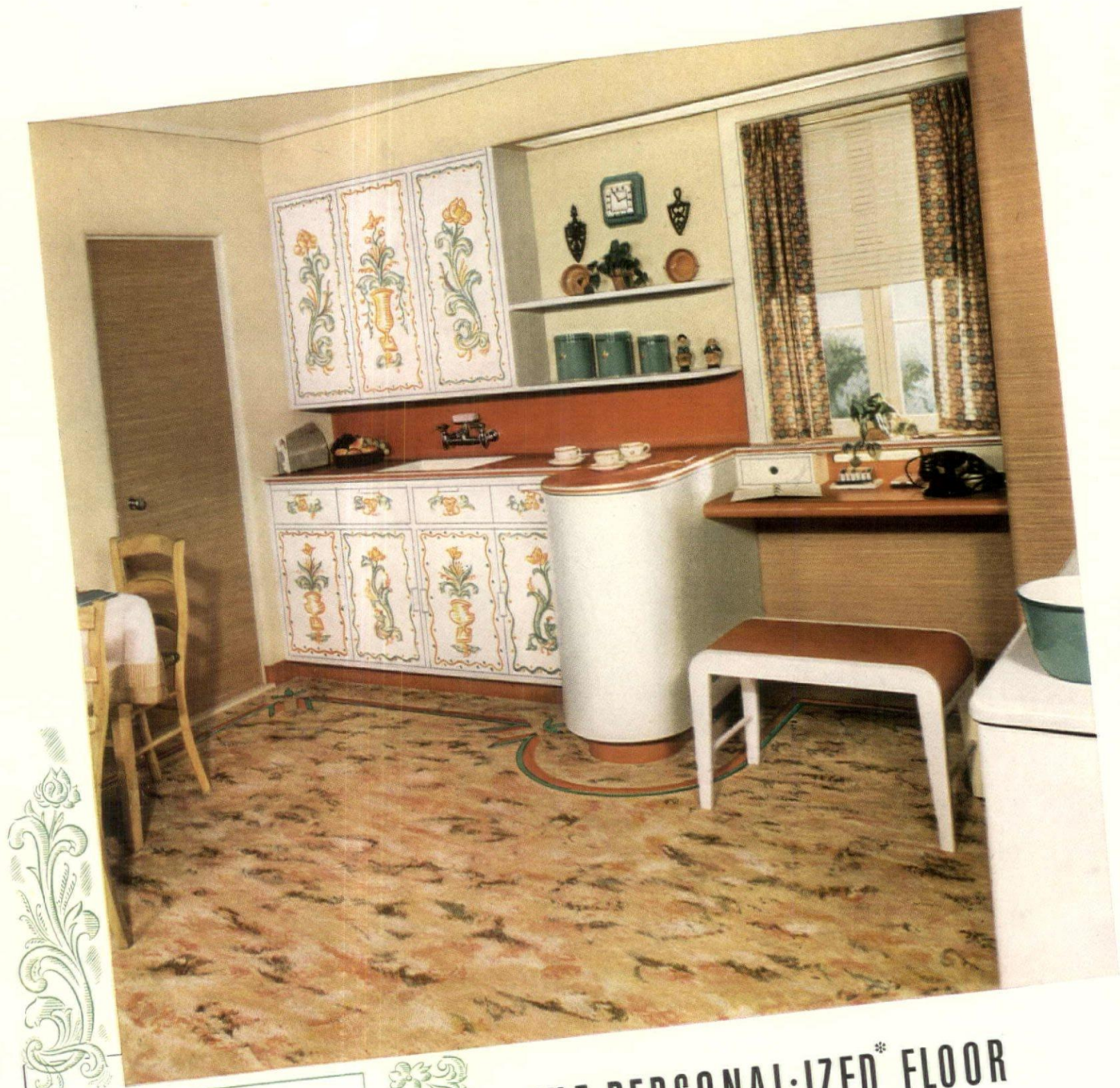
Homebuilder's  
Guide

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SECTION II







*An Invitation  
to  
Self-expression*



Floor: Nairn Sealex Linoleum "Granada" No. A7233, Personal-ized with Sealex Leaf Insets and Sealex Feature Strips. Walls: Nairn Wall Linoleum, "Parchment" No. 7973, and "Light Pine" No. 7981. Sink top, desk and bench, Nairn Sealex Linoleum No. 1129.

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And in Personal-ized Floors your imagination has full sway. For these are linoleum floors you may design yourself—floors of your own creation to express the true personality and individuality of your home.

There's a gay galaxy of Nairn Sealex Insets, Feature Strips and Borders to choose from . . . all color-correlated with the richly colored, *genuine inlaid* patterns of Nairn Sealex Linoleum.

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# HOUSE & GARDEN

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**THE NEXT ISSUE**  
Outstanding features of our  
great Spring Decorating Double  
Number are outlined below

THOSE of you who have become familiar with the Double Number program upon which HOUSE & GARDEN embarked some months ago realize that each issue of this magazine brings you more practical, comprehensive information on homebuilding subjects than any magazine heretofore published.

We realize this may seem a boldly superlative statement, but to those who may be inclined to doubt it, we recommend a careful perusal of this issue and the one which we have prepared for April publication.

The April Double Number will be devoted to Spring Decoration and Spring Gardening. In the First Section you will find flowers and gardens photographed in color and many pages devoted to practical gardening information.

Featured in this Section will be new Spring merchandise: fabrics, wallpapers, and rugs displayed in their actual colors. In this Section, too, we introduce the four new "decorator" colors for Spring.

The Second Section is devoted to our portfolio of more than 100 interiors. These are divided among the four outstanding decorative styles: Georgian, Early American, Modern and French Provincial. Leading off each of these four style portfolios is an Ideal House designed by the HOUSE & GARDEN editors.

We know that you will not want to miss this important Spring Decorating Double Number.

Richardson Wright, EDITOR-IN-CHIEF

Henry Humphrey, *Managing Editor*; Arthur McK. Stires, *Architecture*

Joseph B. Platt, *Decorating Consultant*

ASSOCIATE EDITORS

Elinor Hillyer, Harriet W. Burket, Virginia Hart, Polly Hunt, R. W. Carrick, Jo Barber

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DAVID J. ABRAHAMS, ARCHITECT

WILLOUGHBY

An investment in contentment—the Cape Cod home of Mr. and Mrs. S. Marshall Hubbard



# HOMEBUILDERS' GUIDE

We acknowledge our debt to the readers who have encouraged us to prepare this comprehensive guide to good construction and equipment

There is a fascination about the building of a home which few of us can resist. This form of madness begins to manifest itself when the owner and his wife take protracted trips into the country during the most impossibly muddy Spring weather to select a possible site. It suddenly appears in a more alarming form when the two affected persons interrupt bridge games, formal dinners and cocktail parties by discussing their entirely nebulous plans with politely sympathetic friends and acquaintances.

The last stage, from which there seems to be no recovery, comes when the owner and his wife absent themselves from their former haunts and places of sociability to read advertisements in magazines and to visit building supply showrooms in quest of the perfect light switch or the most efficient heating plant. From this point onward, they remove themselves more and more from the world of reality and pass into a dream world where they see not their own surroundings but completely furnished interiors of a house which is still hardly more than white lines on blue paper.

Comes the day, of course, of recovery; the day of the housewarming, of friendships renewed, of admiration for the house so wisely planned, so soundly built. The two have returned to the world and have brought into it a new beauty. It is for such as these that this issue has been planned and prepared.

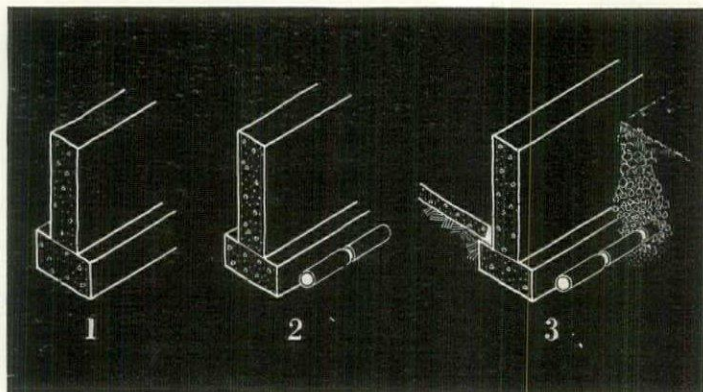
We know well that our readers take an active interest in the design and construction of their homes. We are giving you, in this Homebuilders' Guide, the most complete work of its kind with which we are familiar. We believe that every bit of information contained herein is practical and sound and that in the following pages you will find the data you need to plan a house which will be beautiful, up-to-date and which will endure through the years.

For homebuilders who buy their copies of House & Garden on the newsstands, we recommend particularly the April Double Number which will feature a magnificent collection of interiors, selected from the best work of decorators, architects and department stores all over the country. There will be more than a hundred selected interiors classified according to styles: Georgian, Early American, Modern and French Provincial. Leading off each section will be an Ideal House, in one of the styles, decorated by House & Garden.

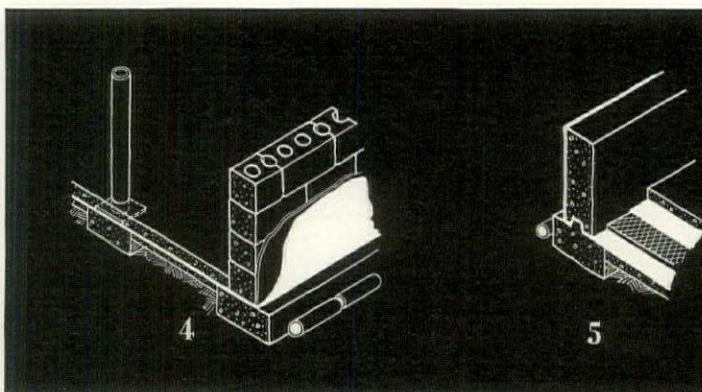


# FOUNDATIONS

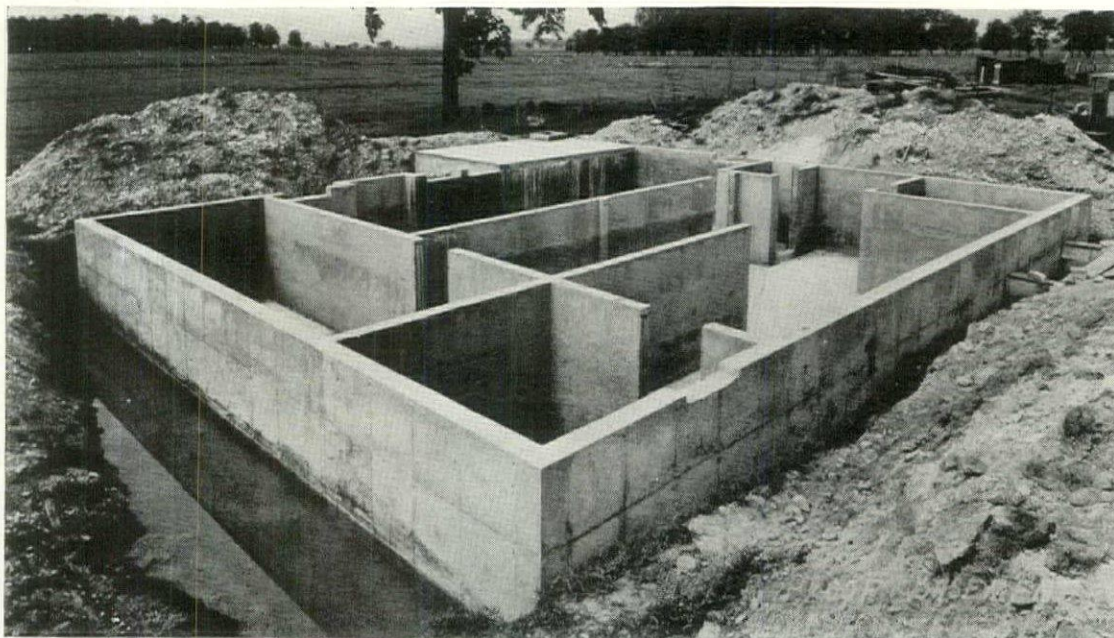
The foundation of a house vitally affects the strength of the whole structure. If the foundation is not properly designed to cope with the weight of the house and the soil conditions in which it is placed, there will be settlement, causing strains and distortion in the frame, which in turn will produce plaster cracks, sagging doors and jammed windows. The best time at which to check foundations is before the footings have been covered up. In a finished house, go to the basement and look for any signs of dampness, particularly where walls and floor meet. See that the concrete is nowhere cracked or pitted. If there are masonry walls, see that there are no loose or unfilled joints. And remember that no basement should ever be built without provision being made for ventilation (windows for occupied basements, permanent vents for unoccupied space).



1. All foundation walls (except those resting on solid rock) should have footings 4 to 8 in. wider than the wall itself. 2. A line of drainage tile (4 in. diameter or larger), laid with open joints in cinders or broken stone, is essential in very wet soils, desirable as an extra precaution in all soil conditions. 3. A wedge-shaped joint of tar is recommended between the basement floor and walls



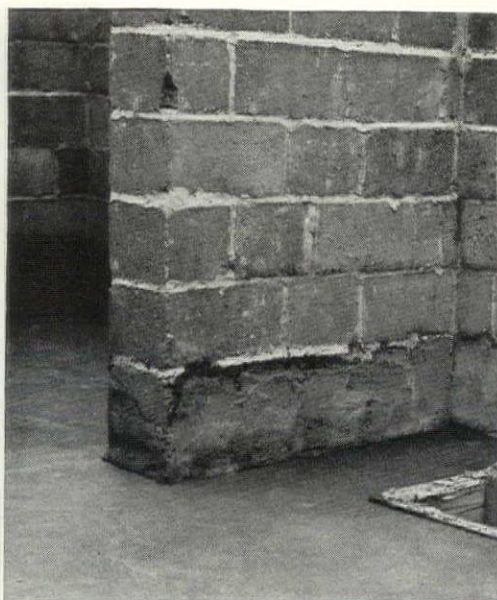
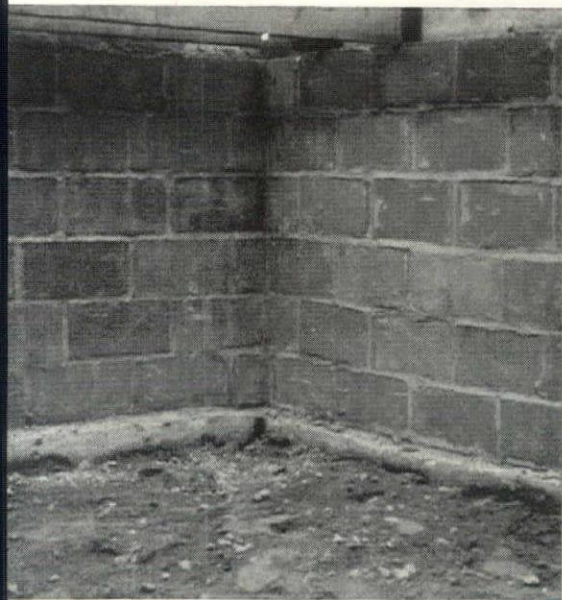
4. A membrane waterproofing of burlap mopped with hot tar or asphalt, carried between the floor slabs and up the outside of the foundation wall, gives extra protection against water pressure. All columns should have wide footings. 5. Over unexcavated areas it is advisable to have a layer of insulating board, mopped both sides with tar or asphalt, between the two concrete floor slabs



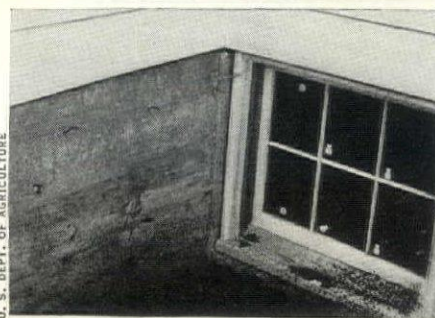
PORTLAND CEMENT ASSN.

Due to exceptional conditions there is some 3 feet of water standing on all sides of this basement, yet the inner side of the walls and floor, thanks to sound construction, are quite dry. In order to avoid putting the walls to such severe tests, ample provision should be made for drains to carry off all surplus water



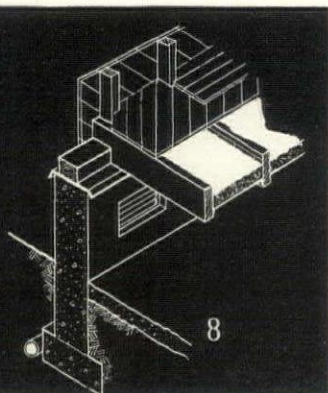
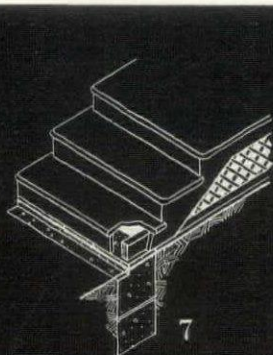


LEFT: A basement wall of concrete blocks set on a wide footing of solid concrete. Notice the well-filled mortar joints. RIGHT: The same basement with the finished floor in place and carried up the walls past the joint between floor and walls, where leaks most often occur. A finish coat will be laid on top of the scratch coat shown here. A finished or painted floor is desirable in occupied basements

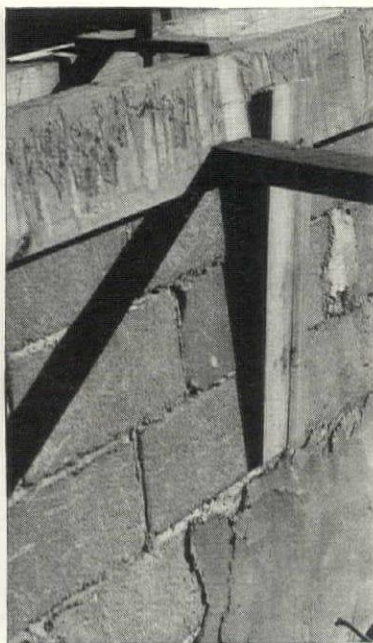
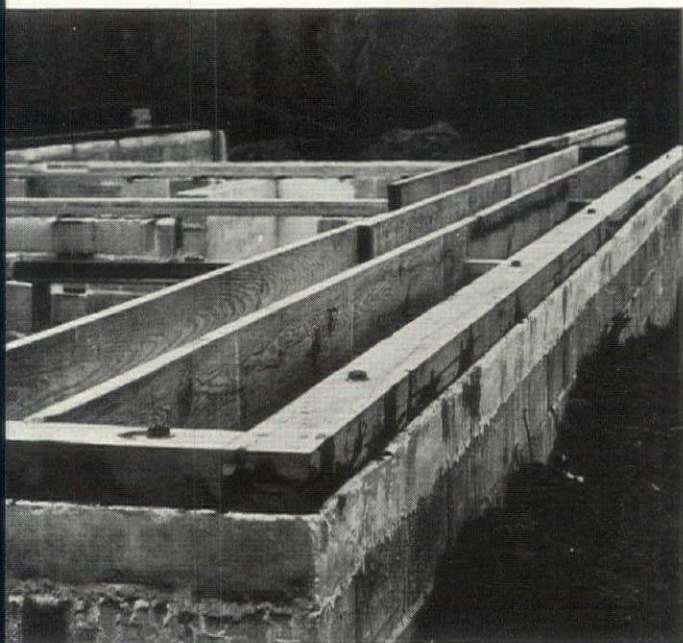


U. S. DEPT. OF AGRICULTURE

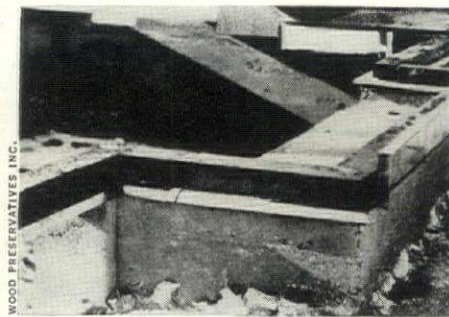
Woodwork in openings below grade must be especially well protected against decay. The upper picture shows the result of inadequate drainage and a shallow pit which collects leaves and dirt around the window, causing decay of the woodwork. The lower picture shows a poorly fitted window with no caulking around it. This will allow the passage of air and water



6. Downspouts should be fitted into a cast iron pipe 18 in. above grade. This carries the water below frost line to a tile drain leading from the foundations to a dry well or natural outfall. 7. Porch steps should be of decay-resistant wood, set on their own foundation, and freely ventilated at the side. No woodwork should be in contact with the ground. 8. Insulated floor above unoccupied basement. Note permanent ventilation and copper termite shield under sill (cf. illustration at right)



LEFT: The wooden sill is securely bolted to a solid concrete sub-sill on top of a concrete block wall, the whole forming a firm and level setting for the frame of the house. RIGHT: The same wall, showing forms in place for pouring the concrete sub-sill, and a coat of waterproof cement being applied to the wall below

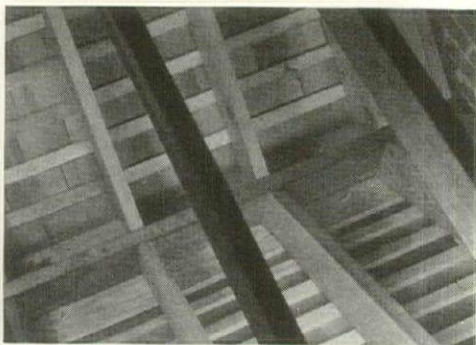


WOOD PRESERVATIVES INC.

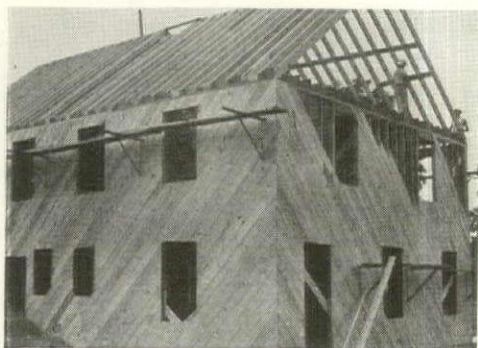
As protection against damage by termites, all woodwork should be kept 18 in. above grade, or treated with a suitable preservative, and a metal termite shield should be fitted beneath the sill (see illustration above, also drawing No. 8), and around any pipes which run into the house from the ground. In masonry construction it may be desirable for the foundation walls to have a good capping of solid concrete



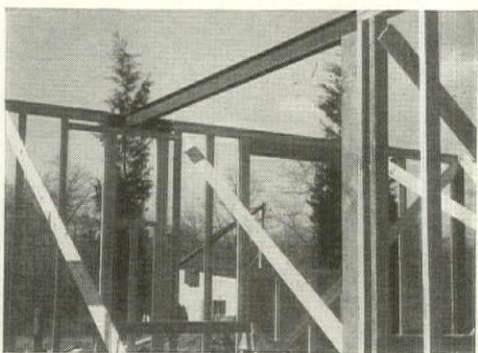
# FRAMING



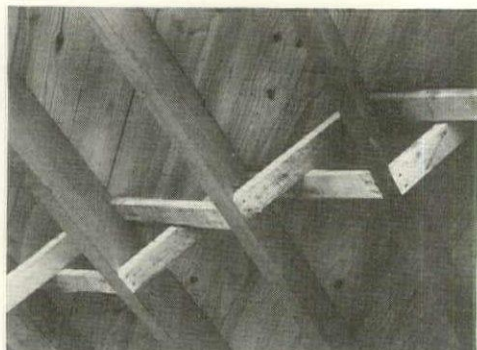
Note the accurate fitting of these roofing members indicative of good work



Diagonal sheathing, applied to this home, will much increase its strength



A light steel beam is used to span this wide opening between two rooms



Bridging members between floor joists seen from basement of a finished home

**N**EXT to the foundations, the frame is the most important item governing and contributing to the durability of the structure. Poor framing, skimped at important points or carelessly assembled, will inevitably lead to strains which will result in cracked plaster, squeaking floors and badly fitting doors and windows throughout the house.

The things to look for in a wood frame are strength, rigidity and careful workmanship. Because strength and rigidity are largely the product of proper design we show, on the opposite page, a type of frame which embodies all the important features of good construction, all of them easily discernible while a house is being built, some of them readily found even in completed homes. The points we have stressed are not "technicalities" in the sense that they are obscure or hard to understand. Anyone who has felt a house tremble in a hard wind, or who considers the weight of a grand piano on a small area of floor, will understand the measures taken to offset these and other strains by means of good design.

These firestops, nailed between the wall studs, act as a barrier to the possible spread of fire within the walls and should never be omitted.

Another form of firestop, these boards are placed to prevent the free passage of air or hot gases from walls to floor structure.

Corner braces add stiffness and strength to the whole frame, are especially valuable in resisting the strains of wind pressure.

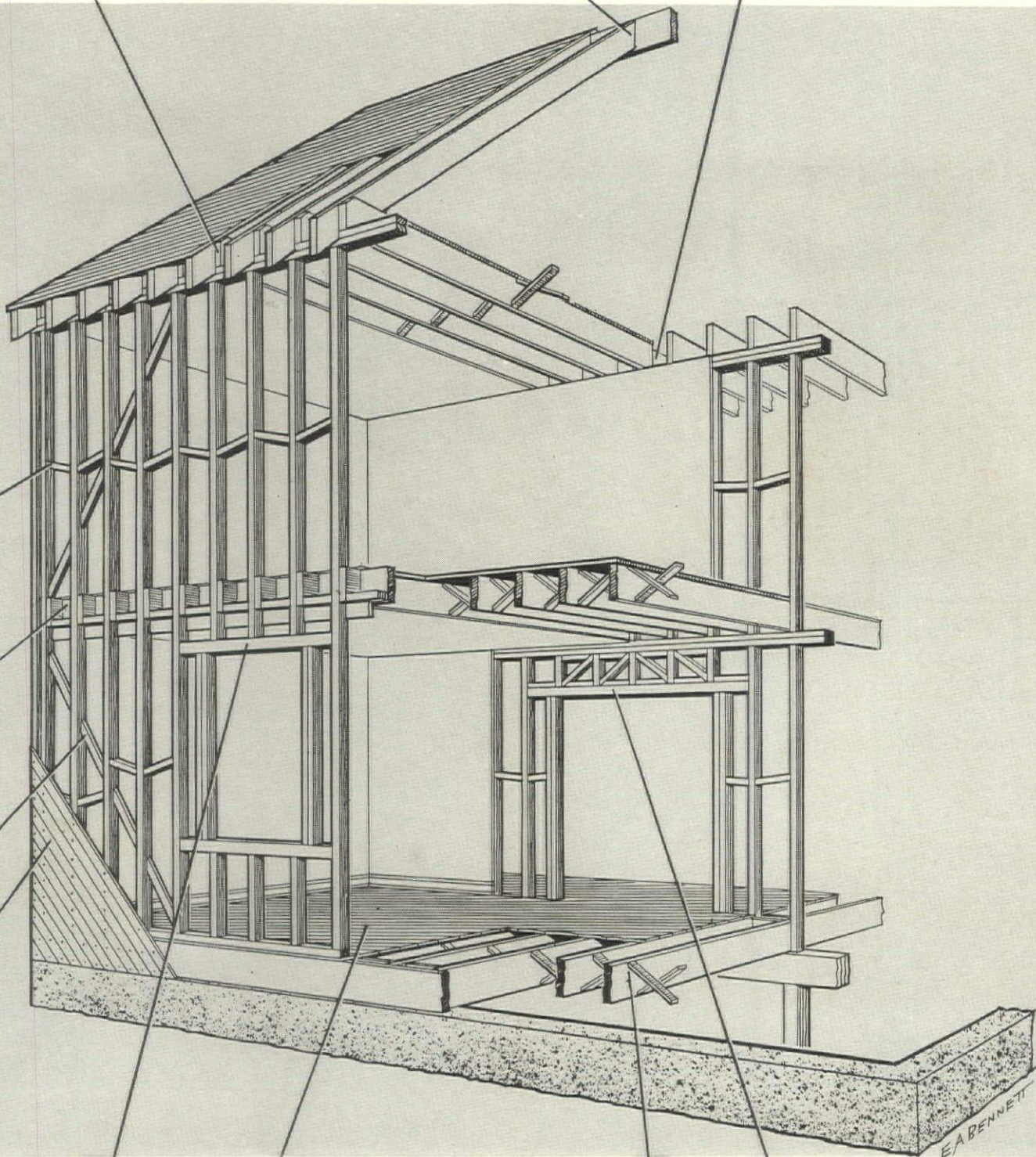
Sheathing applied diagonally has the same good effect as corner braces and is mandatory if such braces are not employed in the framing.



All members should be accurately cut and fitted to form a solid bearing with other members. (See top picture on opposite page).

Firestopping at this point is often accomplished by filling the space between rafters with some incombustible material such as mineral wool.

Floor joists do not meet end-to-end but should be carried well past each other and securely nailed together. In existing structure, see basement ceiling.



All sub-flooring, like sheathing, should be laid diagonally. This adds structural stiffness and makes a more stable base for the flooring.

Construction over all openings should be doubly strong so that any weight above may be carried without structural failure.

Either a steel beam or some form of wood trussing should be used to span exceptionally large openings such as this "arched opening" between two rooms.

Bridging members between floor joists are mandatory. They serve to distribute heavy floor loads over the entire floor area.

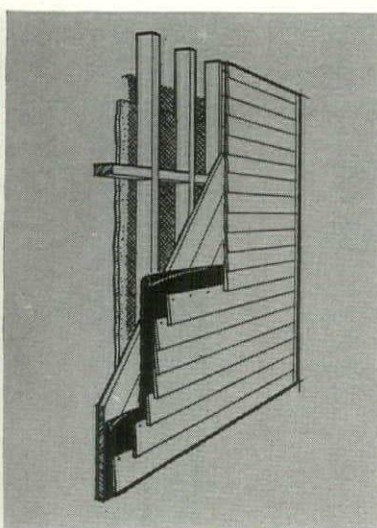


# EXTERIOR WALLS

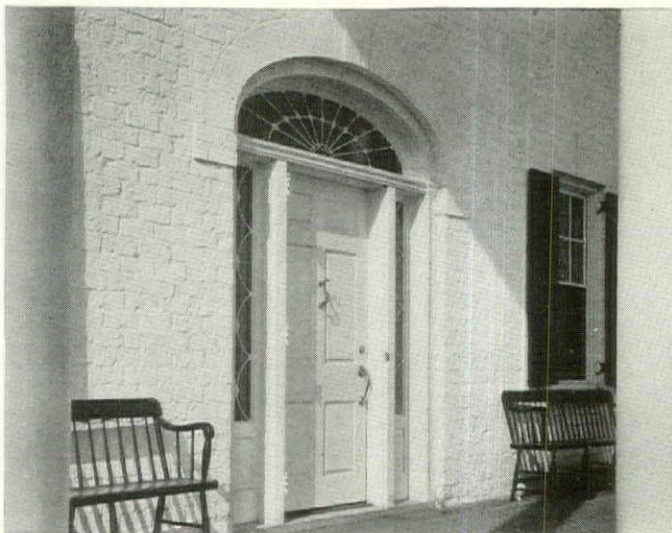
As there are so many different methods of wall construction possible, we have illustrated here only the most characteristic and commonly used types. Remember that it is much easier to detect faults during construction than by looking at the finished wall. In order to simplify the drawings, no indication has been given of any insulating material. But any of the many types available (see page 12) may be readily applied with advantage to all of the walls shown.



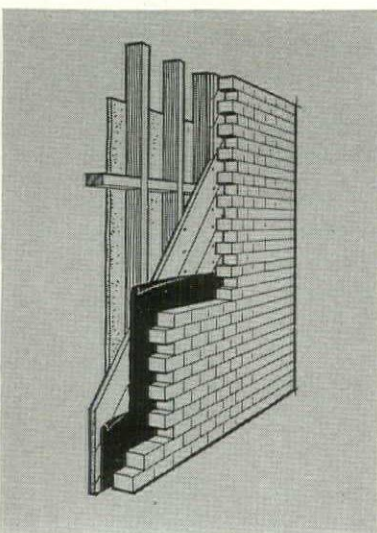
GOTTSCHO



**CLAPBOARDS.** A frame house may be covered with a variety of different materials—wood, brick (see below), asbestos-cement, asphalt and many other composition substances—which may all be used in a variety of different forms. The drawing shows a characteristic form of construction, using wood clapboards nailed over diagonal sheathing covered with building paper. On the inside of the studs is a vapor barrier (to prevent condensation within the wall) surfaced by an interior wall finish.



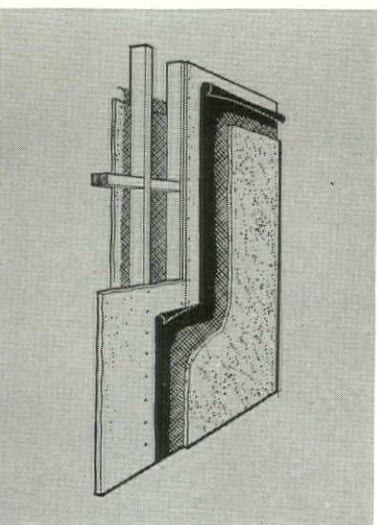
COSTAIN



**BRICK VENEER.** The bricks should rest upon an extension of the masonry foundation which supports the wood frame. The latter should be strongly braced, preferably with diagonal sheathing. The bricks should be at least  $\frac{1}{2}$  in. away from the face of the sheathing (which is covered with building paper) and bonded to it by non-corrodible metal ties at frequent intervals. Mortar joints should be smooth and full. See that there are no cracks in the mortar or between brick and mortar.

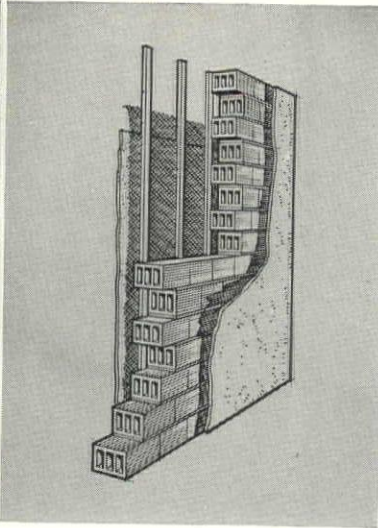
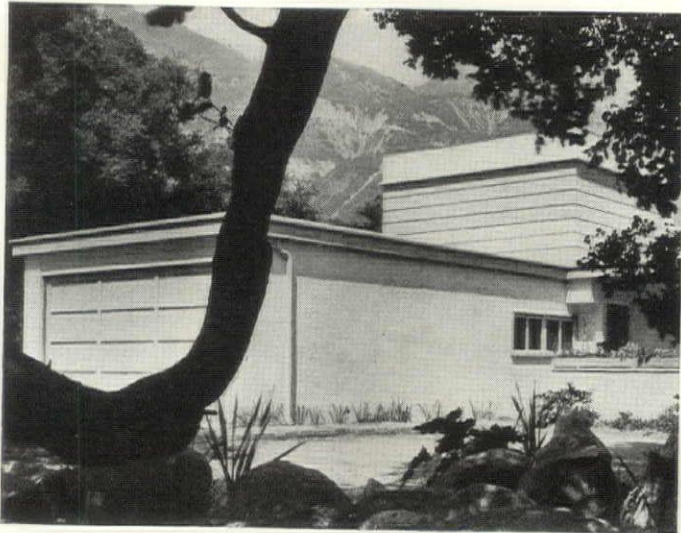


PORTLAND CEMENT ASSN.

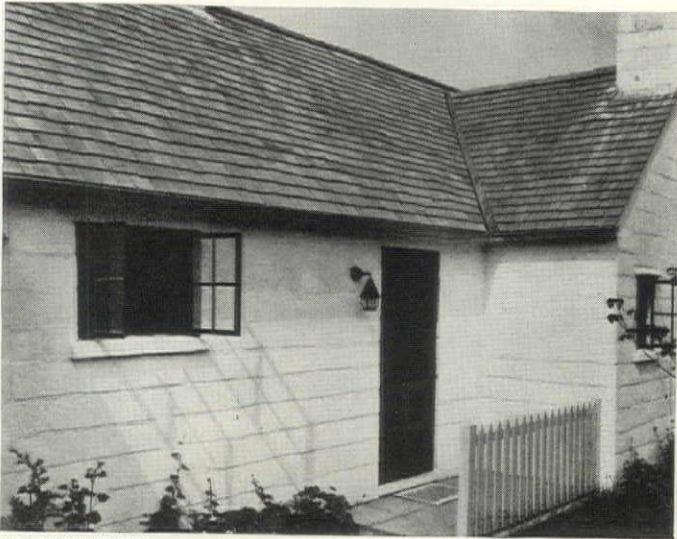


**STUCCO.** Stucco may be used on any form of masonry base (see opposite page) or on a well-braced frame. Here the frame is covered with sheets of rigid board sheathing with building paper outside. Galvanized metal lath or reinforcing wire fabric should be stapled to the sheathing at intervals of 8 in. or less as a base for the stucco. The durability of stucco depends upon the rigidity of the base to which it is applied, upon the proportioning of the ingredients used, and upon workmanship.

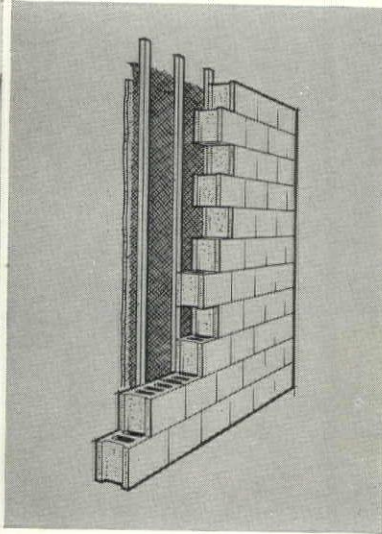




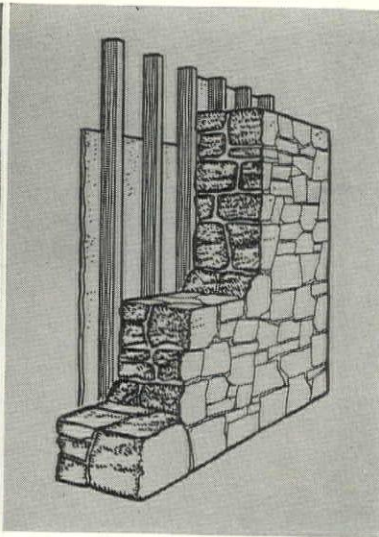
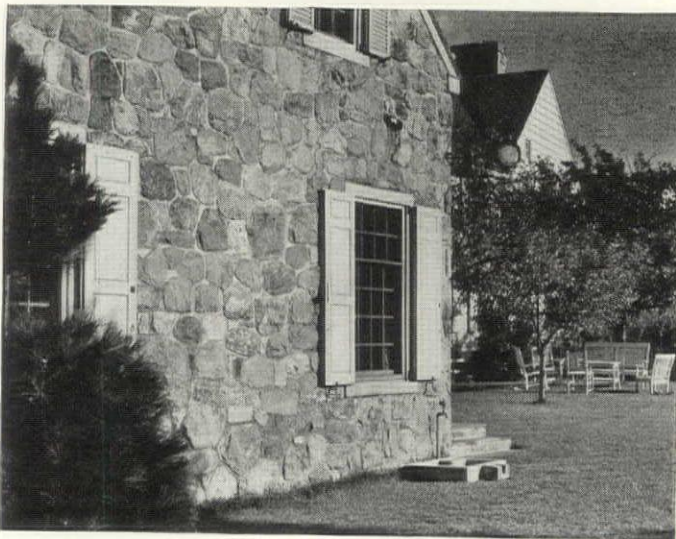
**STRUCTURAL TILE.** Solid masonry walls, like this and the two types shown immediately below, are self-supporting as opposed to the three types shown on the opposite page, where a structural frame behind the surfacing material does the actual work of supporting the house. Here the structural tile (in many parts of the country it is laid with the hollows vertical) is first given a coat of waterproofing and and then faced with stucco. Furring of the interior wall surfacing is recommended, using wood or self-furring metal lath



PORTLAND CEMENT ASSN.



**HOLLOW CONCRETE BLOCK.** Like structural tile, hollow concrete block is economical, fireproof, and possesses definite insulating value, due to the dead air spaces which it contains. It is much easier to judge the quality of its construction when, as happens here, it is not covered by stucco. Look for any cracks in the blocks themselves and for hair-line cracks at all joints. Furring strips on the inside of the wall form an insulating barrier of dead air and provide a good nailing base for lath and plaster or some panel finish

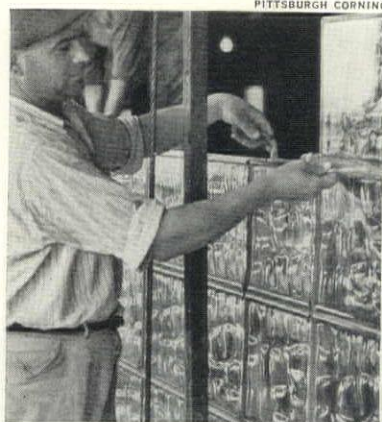
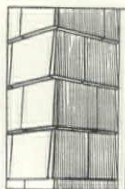


**FIELD STONE.** Weathertightness, resistance to frost and freedom from efflorescence in solid stone and brick walls depend upon keeping water out of the inner parts of the wall. This in turn depends almost wholly upon the neat finish and solid filling of the mortar joints to avoid hollow spaces within the wall. Though stone walls are charming and long-lived, they are not usually recommended for efficient and economical home construction unless very complete insulation is provided. Stone may also be employed in veneer form

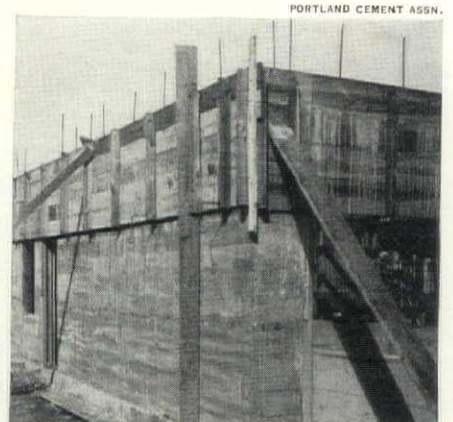
RIGHT: Wood shingles laid in single courses for side walls should have an exposure not greater than half the length of the shingle less  $\frac{1}{2}$  in. Use only two nails in each shingle placed  $1\frac{1}{2}$  in. above the butt line of the next course above



RIGHT: Three ways of forming a corner with wood shingles. On the left is a "laced" corner, on the right a "mitered" corner. An alternative method is to joint the shingles against a square corner strip



Glass block walls are non-load-bearing. Provision should be made for expansion both at side jambs and head



Poured concrete walls should be checked for any possible surface imperfections such as exposed aggregate or small cracks

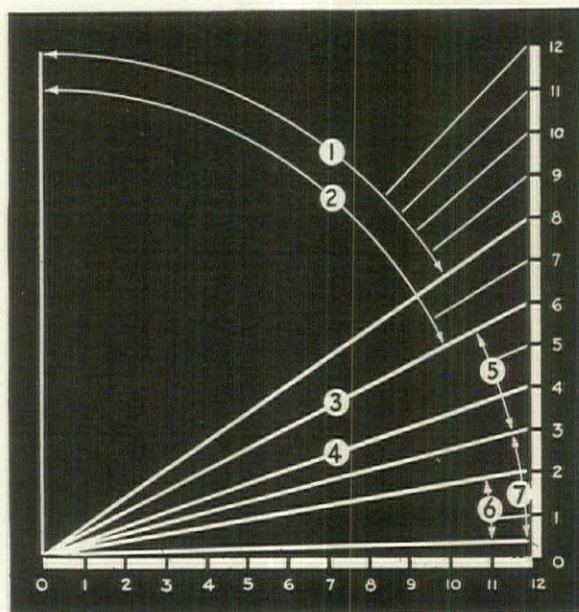


# ROOFS

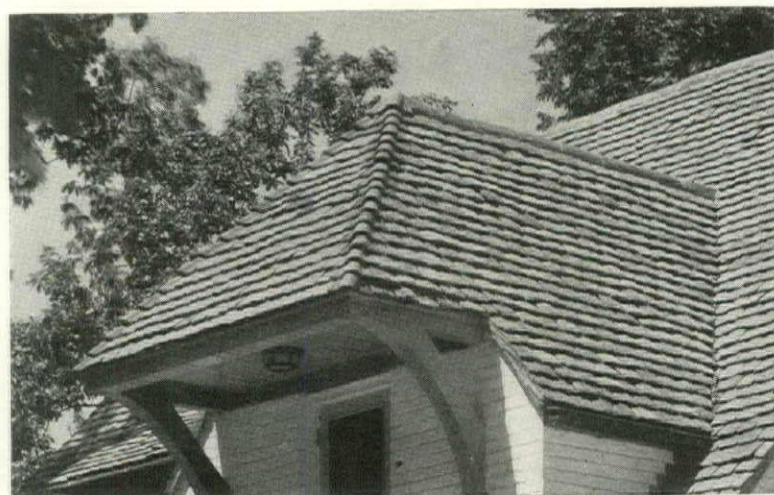
If a roof is to give good service it must be skillfully installed. It is important that the nails used be of a metal at least as enduring as the material used for the roof itself. Check the slope of the roof against the table of recommended pitches given below. Upon the pitch and upon the flashings will depend its weathertightness. Flashings must not only be skillfully installed but also of the right material. Neither copper nor lead flashing should be used when the roof is surfaced with a different metal. The same proviso applies to zinc which, in addition, should not be used with wood shingles. Tin or terne plate should only be used if it is thoroughly painted on both sides before installing and can be regularly painted on the exposed surfaces thereafter.

## ROOF PITCHES (See chart below)

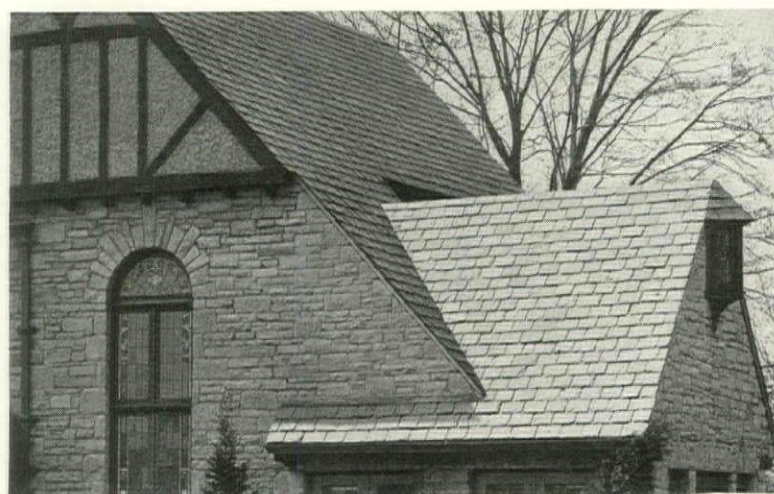
1. Preferred range for wood, asphalt and asbestos-cement shingles.
2. Preferred range for slate, clay shingle tile, metal shingles and sheet metal roofs with unsoldered joints.
3. Minimum recommended pitch for wood, asphalt, asbestos-cement and similar "unit" shingles. Special precautions must be taken if these materials are used on roofs of less pitch.
4. Minimum recommended pitch for slate, clay tile, interlocking metal shingles and tiles. Also for sheet metal roofs with unsoldered seams.
5. Wood shingles in this range must be laid with not more than one-quarter of the shingle length exposed to the weather.
6. Tar or asphalt built-up roofs, surfaced with gravel, promenade tile, slate or some specially designed composition materials.
7. Asphalt roll roofing, painted canvas, sheet metal with soldered seams.



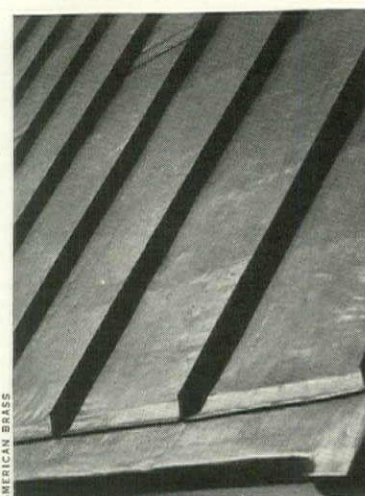
Typical Roof Pitches



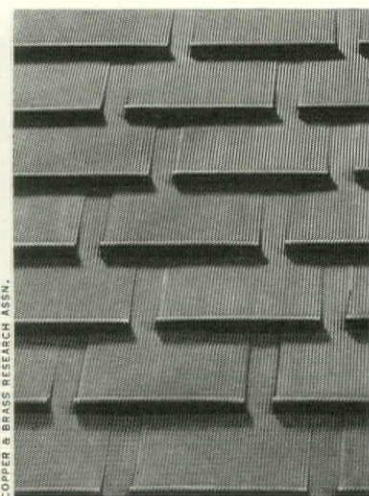
CLAY TILE is long-lived and colorful



SLATE will harmonize with almost all types of architecture

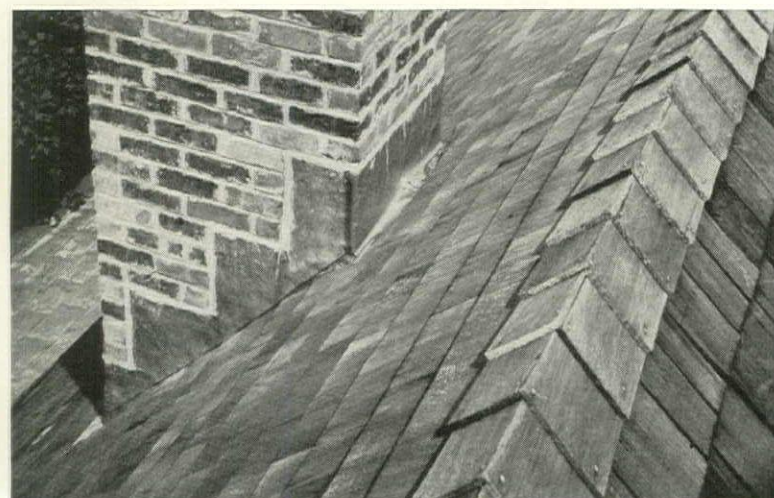


AMERICAN BRASS



COPPER & BRASS RESEARCH ASSN.

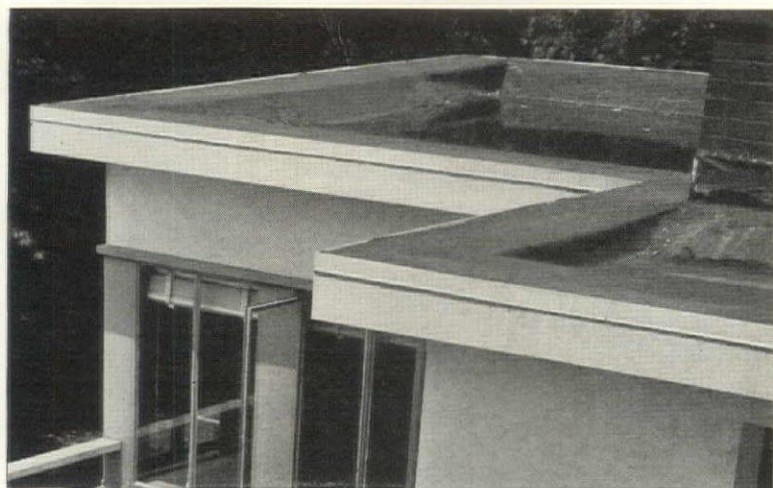
COPPER may be used with standing seams (left) or in shingle form



WOOD SHINGLES are practical, durable, traditional

LEAD INDUSTRIES ASSN.

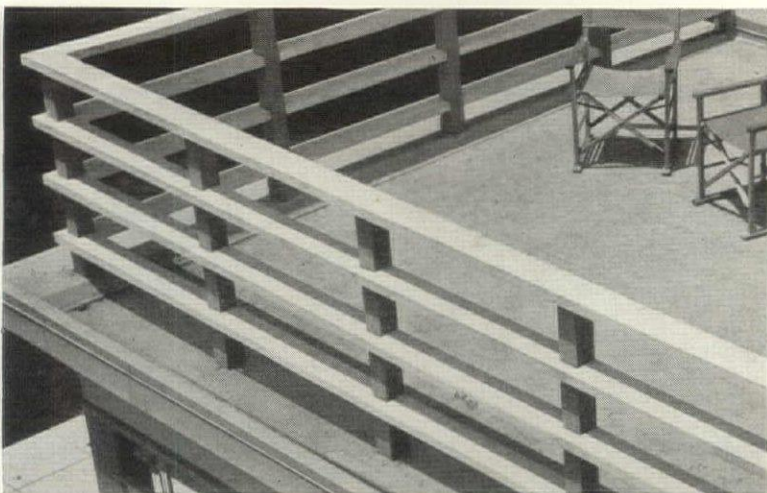




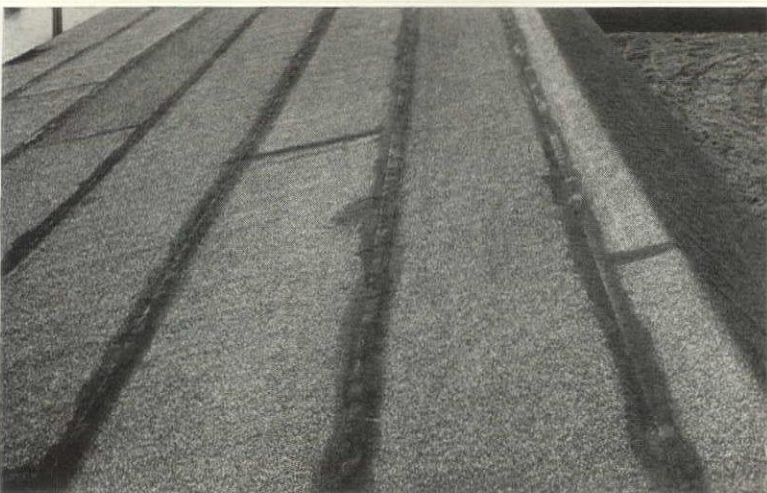
BUILT-UP ROOFS are widely used in modern houses



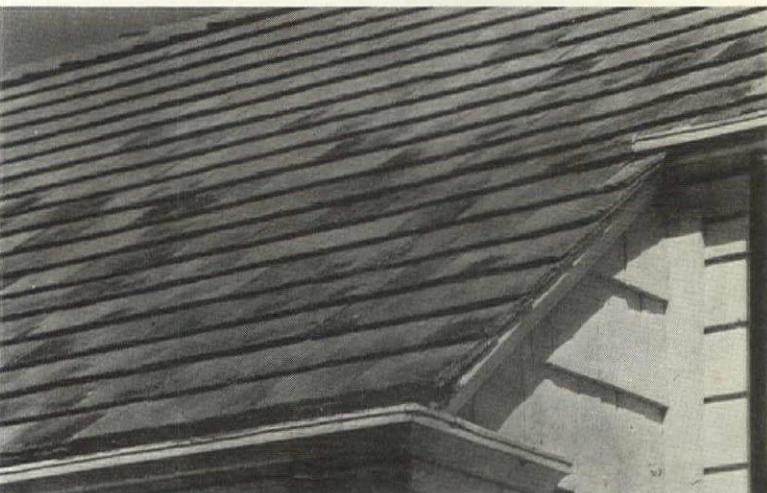
ASPHALT shingles are colorful and available in varied shapes



PAINTED CANVAS is a good material for small decks



ASPHALT ROLL roofing for inexpensive roofs of low pitch



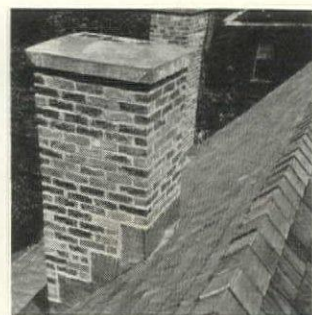
ASBESTOS-CEMENT shingles follow traditional styles

## FLASHING



LEAD INDUSTRIES ASSN

Roof valleys must be skillfully flashed if the danger of leaks is to be avoided. The metal should be carried well up under the roofing material



Where a chimney protrudes through a roof slope adequate flashing is essential. Lead chimney caps give added protection from severe weather

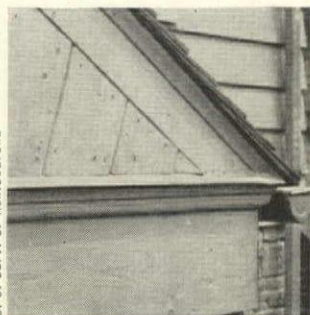


ALEXANDER HOUSES INC.

Chimney flashing being applied. The copper goes right through the masonry and is stepped up and then down to make a firm, tight-keyed joint



Side flashing where a roof meets a side wall at right angles. The joint above the gutter is notched over and sealed with a black mastic



U. S. DEPT. OF AGRICULTURE

A good wide flashing above the lintel of a door. If the flashing is badly done water will find its way in and will eventually rot the wood

SEE PAGE 42 FOR DIRECTORY OF MANUFACTURERS

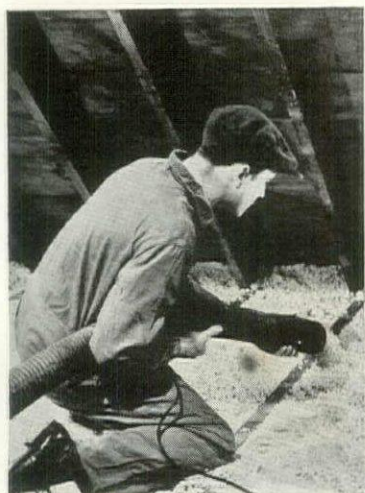


**DECORATING TIP:** A successfully decorated room must skillfully combine pattern and plain surfaces. Many examples to guide you are in the Second Section of our April issue

# INSULATION

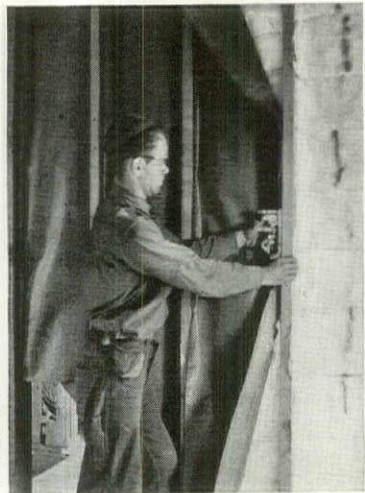
**C**OMplete insulation should include not only the side walls, roof, and floors over unheated space, but also complete weatherstripping, storm doors and storm sash. In order to discover what insulation may be worth to you in terms of fuel saving, refer to the table at right. Remember that the well-insulated house will not require such a large heating plant as the uninsulated one, so there should be an additional saving on the initial cost of your heating equipment. In checking the quality of insulation, see that there is a good vapor barrier on the inside of all but reflective-type material. See that the attic is well ventilated to carry off the warm air which collects there in Summer.

## TYPES OF INSULATION and the manner in which they are applied



JOHN-MANVILLE

Fill-type mineral wool insulation being blown into the rafters above a second floor ceiling. This material may easily be applied to ceilings and walls of old houses



ALEXANDER HOUSES

Mineral wool in batt form has here been applied between the wall studs. It is now being covered with a vapor-proof sheet and this is being quickly stapled to the studs



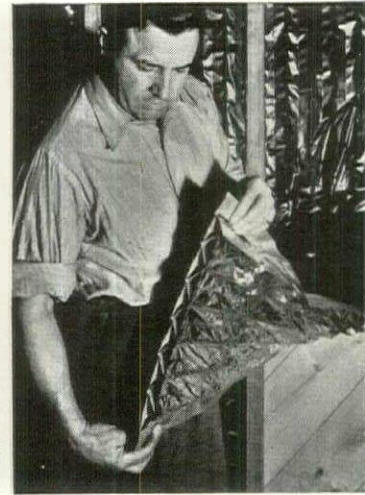
WOOD CONVERSION

This type of wood fibre wool comes in batts with an integral vapor barrier and a special nailing flange which assures an air space on both faces of the batts



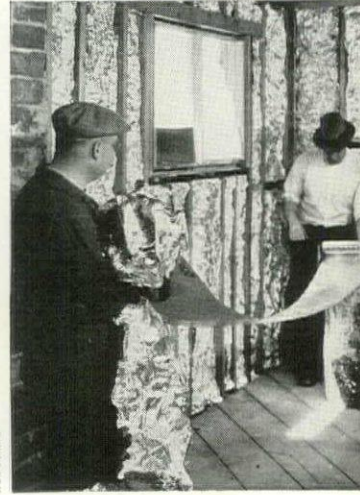
CELOTEX

Large sheets of fibre board insulation being applied to a wood frame house. Both sides and edges are sealed with asphalt; one side also has reflective-type insulation



RUBEROID

In this type of insulation two sheets of aluminum foil are attached in zigzag fashion to a foundation sheet which can be quickly stapled between the joists or studs



ALUMINUM CO.

Reflective insulation such as aluminum foil needs no vapor barrier protection. It is best to use at least two layers of this insulation with dead air space between

CLIMATE  
as indicated by  
selected cities

### SEVERE

MINNEAPOLIS, MINN.  
BURLINGTON, VT.  
CADILLAC, MICH.  
GREEN BAY, WIS.  
FORESTBURG, S. DAK.  
SALMON, IDAHO  
MILES CITY, MONT.  
LAKE KACHESS, WASH.

### COLD

CHICAGO, ILL.  
BOSTON, MASS.  
ALBANY, N.Y.  
DETROIT, MICH.  
DES MOINES, IOWA  
OMAHA, NEB.  
KLAMATH FALLS, ORE.

### MODERATE

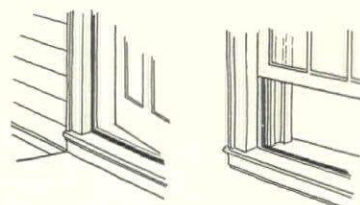
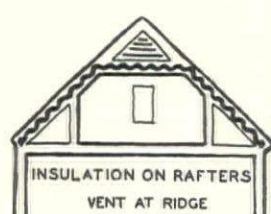
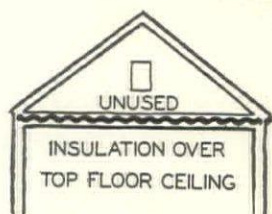
NEW YORK, N. Y.  
HARRISBURG, PA.  
PITTSBURGH, PA.  
COLUMBUS, OHIO  
INDIANAPOLIS, IND.  
TOPEKA, KANS.  
YOSEMITE, CALIF.  
FALLS CITY, OREGON  
OLYMPIA, WASH.

### MILD

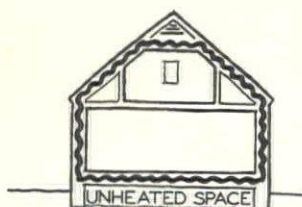
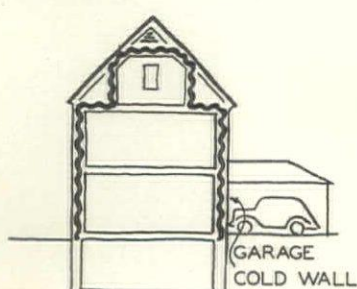
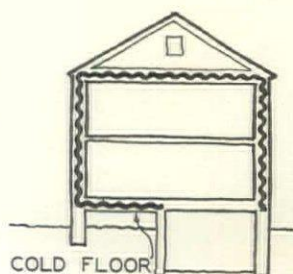
BALTIMORE, MD.  
LEXINGTON, KY.  
BEDFORD, IND.  
ST. LOUIS, MO.  
HUTCHINSON, KAN.  
ALBUQUERQUE, N. M.  
PORTLAND, OREGON



# WHERE TO PUT INSULATION: how various parts of the house shell may be insulated



Minimum: above second floor ceilings, or around attic, or between rafters



Better: attic or roof, all side walls, and floors over unheated space

For complete insulation add also weatherstripping round all doors and windows, and storm sash and storm doors for winter protection

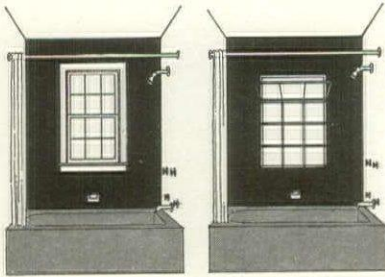
## WHERE AND WHY TO USE INSULATION—WITH ANSWERS IN DOLLARS

Based on fuel cost equal to furnace oil at 6 cents per gallon delivered, in an average home

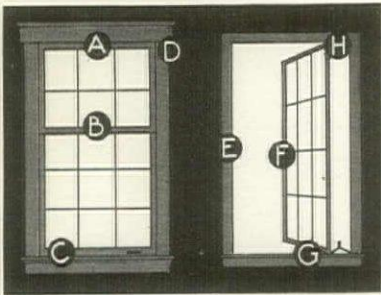
ANNUAL FUEL BILL	ROOF OR ATTIC CEILING INSULATION	WALL INSULATION	WINDOW AND DOOR INSULATION WITH DOUBLE GLAZING	WINDOW AND DOOR INSULATION WITH WEATHERSTRIPPING
<p>\$274.99</p> <p>Annual fuel bill without any form of insulation</p>	<p>No insulation: \$62</p> <p>Average insulation can save \$32.00: \$30</p> <p>Minimum insulation can save \$15.00: \$47</p> <p>Superior insulation can save \$50.00: \$12</p>	<p>No insulation: \$80</p> <p>Average insulation can save \$40.00: \$40</p> <p>Minimum insulation can save \$23.00: \$57</p> <p>Superior insulation can save \$57.00: \$23</p>	<p>Ordinary Windows and Doors. No storm sash: \$65</p> <p>Double Glass and Storm Doors can save \$39.00: \$26</p>	<p>Windows and Doors without Weatherstrips: \$47</p> <p>Better weatherstripping can save \$17.00: \$30</p> <p>Poor weatherstripping can save \$8.00: \$39</p> <p>Superior weatherstripping can save \$25.00: \$22</p>
<p>\$220.99</p> <p>Annual fuel bill without any form of insulation</p>	<p>No insulation: \$50</p> <p>Average insulation can save \$26.00: \$24</p> <p>Minimum insulation can save \$12.00: \$38</p> <p>Superior insulation can save \$41.00: \$9</p>	<p>No insulation: \$64</p> <p>Average insulation can save \$32.00: \$32</p> <p>Minimum insulation can save \$18.00: \$46</p> <p>Superior insulation can save \$46.00: \$18</p>	<p>Ordinary Windows and Doors. No storm sash: \$52</p> <p>Double Glass and Storm Doors can save \$31.00: \$21</p>	<p>Windows and Doors without Weatherstrips: \$38</p> <p>Better weatherstripping can save \$14.00: \$24</p> <p>Poor weatherstripping can save \$7.00: \$31</p> <p>Superior weatherstripping can save \$21.00: \$17</p>
<p>\$187.99</p> <p>Annual fuel bill without any form of insulation</p>	<p>No insulation: \$43</p> <p>Average insulation can save \$22.00: \$21</p> <p>Minimum insulation can save \$10.00: \$33</p> <p>Superior insulation can save \$35.00: \$5</p>	<p>No insulation: \$55</p> <p>Average insulation can save \$27.00: \$28</p> <p>Minimum insulation can save \$16.00: \$39</p> <p>Superior insulation can save \$39.00: \$16</p>	<p>Ordinary Windows and Doors. No storm sash: \$44</p> <p>Double Glass and Storm Doors can save \$27.00: \$17</p>	<p>Windows and Doors without Weatherstrips: \$32</p> <p>Better weatherstripping can save \$12.00: \$20</p> <p>Poor weatherstripping can save \$6.00: \$26</p> <p>Superior weatherstripping can save \$18.00: \$14</p>
<p>\$158.99</p> <p>Annual fuel bill without any form of insulation</p>	<p>No insulation: \$36</p> <p>Average insulation can save \$18.00: \$18</p> <p>Minimum insulation can save \$8.00: \$28</p> <p>Superior insulation can save \$30.00: \$5</p>	<p>No insulation: \$46</p> <p>Average insulation can save \$23.00: \$23</p> <p>Minimum insulation can save \$13.00: \$33</p> <p>Superior insulation can save \$33.00: \$13</p>	<p>Ordinary Windows and Doors. No storm sash: \$38</p> <p>Double Glass and Storm Doors can save \$22.00: \$16</p>	<p>Windows and Doors without Weatherstrips: \$27</p> <p>Better weatherstripping can save \$10.00: \$17</p> <p>Poor weatherstripping can save \$5.00: \$22</p> <p>Superior weatherstripping can save \$15.00: \$12</p>



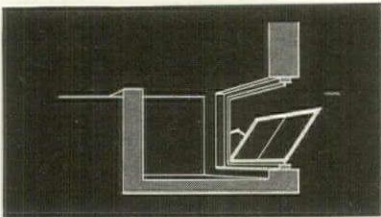
# WINDOWS



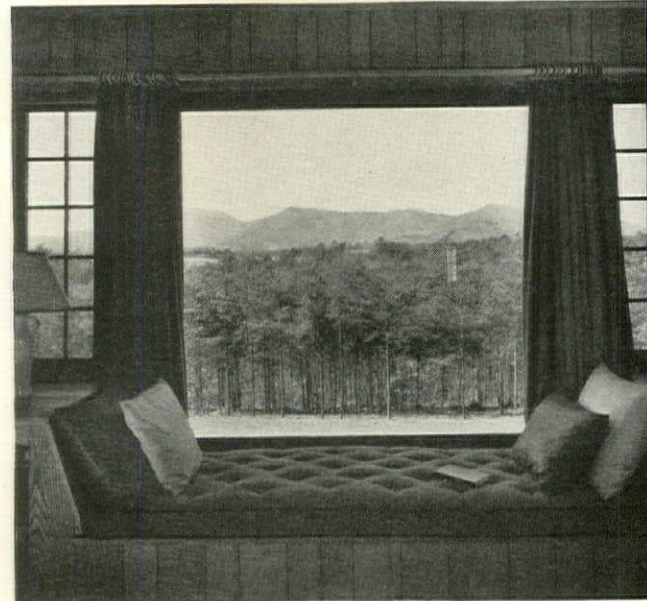
**BAD** (left): window above tub with shower. **BETTER** (right): glass block; ventilating section above shower line. **BEST**: window located on another wall



**EQUIPMENT** for double-hung windows (left) should include: A, pole socket; B, latch; C, lifts; D, counter balance device (weights, springs, or friction). For casements (right): E and F, latch; G, adjuster; H, extension hinge. Screens, storm sash and weatherstripping needed for both types



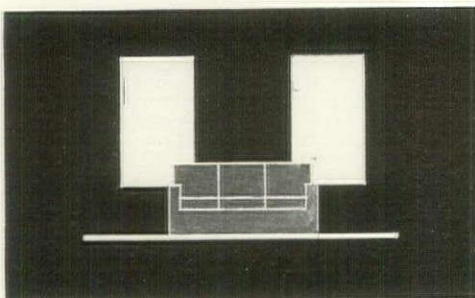
**BASEMENT WINDOWS** should be fitted with screens and be easily adjustable for ventilation. Areaways should be spacious enough to give good light



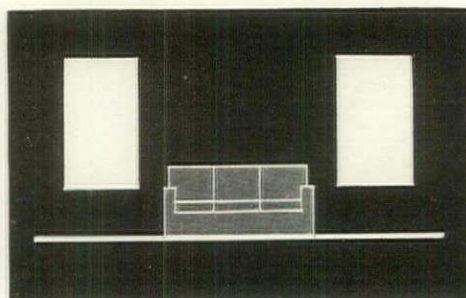
**PICTURE WINDOWS, WITH FIXED SASH, TO FRAME A VIEW**

**F**OR protection from the weather, windows are no less important than the walls in which they are set. The advisability of their insulation by means of weatherstripping and storm sash has already been discussed (see page 12). Other important points to consider are efficiency of operation, quality of equipment, and the suitability of type and location.

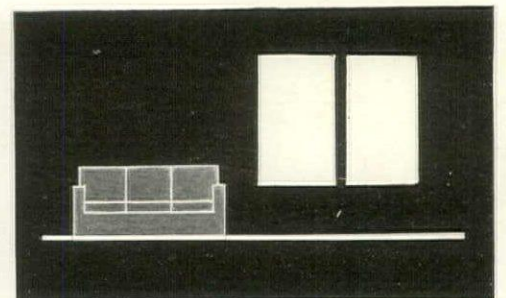
Try opening and shutting the windows. See that they move easily, do not rattle in the wind and fit snugly when closed. See if they are placed to give cross-ventilation, especially in second floor bedrooms with dormers. Windows which can be cleaned from the inside are especially useful for inaccessible positions on upper floors. Most casement windows are now fitted with extension hinges, and there are also double-hung windows available which swing or tip into the room. But whatever type of window the house may have, see that they are fully equipped both for winter and summer. Make certain that the shutters really work and are not just dummies nailed to the wall. See that the joints between window frame and wall are well caulked. Awnings, though not essential, are a useful refinement on the sunny side of the house. If you have an air conditioning plant with cooling equipment, they may provide a sizable economy in operating costs.



**POOR**: If windows are set too close together, there is not sufficient wall space remaining to accommodate any large pieces of furniture



**BETTER**: Windows spaced with forethought to allow sufficient room for furniture without blocking either windows or radiators beneath

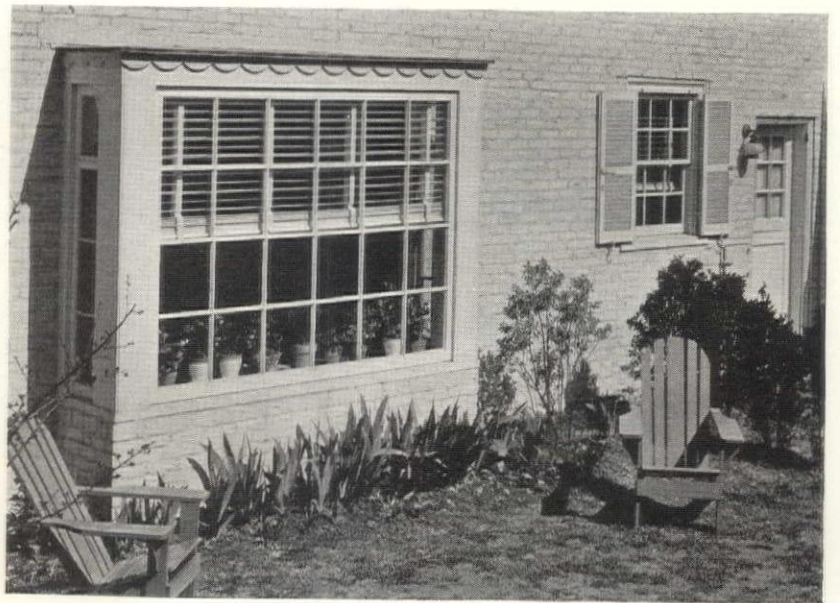


**BETTER**: An alternative, which may often prove more convenient, is to group the two windows, thus leaving a longer run of clear wall space





FRENCH DOORS FOR THE GARDEN SIDE OF THE HOUSE

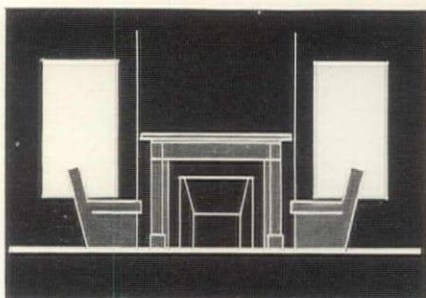


BAY WINDOWS TO CATCH SUMMER BREEZES AND EXTRA SUNLIGHT

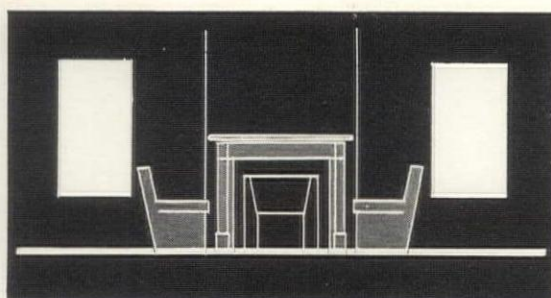


STOLLER

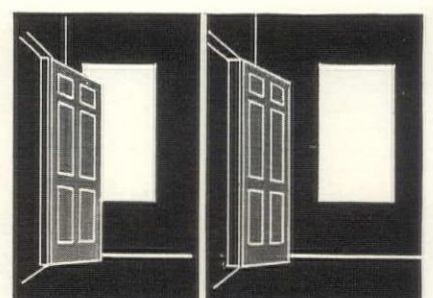
OBSCURED GLASS SHUTS OUT THE HOUSE NEXT DOOR AND, INCIDENTALLY, GIVES A BACKGROUND FOR PLANTS



BAD: When windows or French doors flank the fireplace too closely they interfere with natural grouping of furniture



BETTER: Windows and doors should either be omitted from the fireplace wall altogether, or spaced widely enough to allow for convenient furniture grouping



BAD (left): Door frequently left open blocks window. BETTER (right): Either door or window moved out from corner

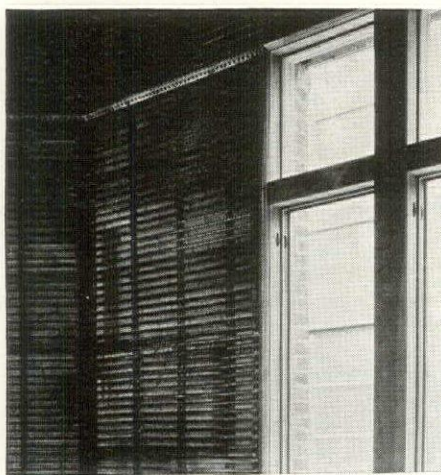


Is your need for luxury of effect or economy of planning—or both? Your needs will be fully answered in our April Ideal Homefurnishings issue.

## WALLS AND CEILINGS

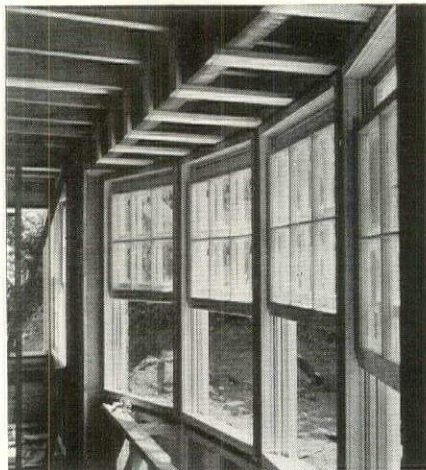
THE lasting quality of an interior wall finish will depend partly upon the skill with which it is installed, partly upon the good construction of the base to which it is applied. Plaster cracks, for example, may be due to faulty construction in the framing or foundations of the house, causing uneven settlement (see page 47), or to unskillful work by the plasterer. With plaster it is possible to cover up slight irregularities in the framework, but when wallboard, plywood, or any other new type of panel finish is used, the exact alignment of studs and the underside of ceiling joists becomes a fundamental standard of good construction. Look carefully, too, at the joints between panels and at those between walls and trim. Their neat fitting will be definite evidence of careful workmanship.

### LOOKING BEHIND THE SURFACE

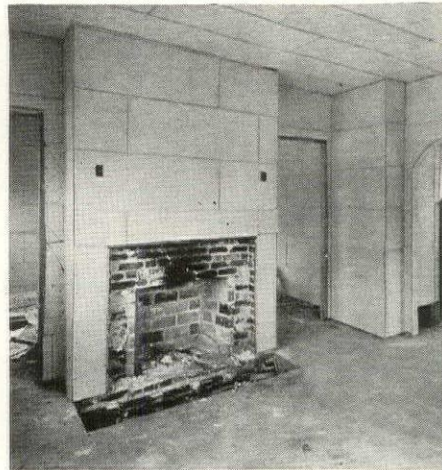


MILCOR STEEL

As extra protection against plaster cracks, look for lapping of metal lath at joints between sheets and at corners, and for a metal bead in the corner. Notice picture mould, and extra metal lath around window

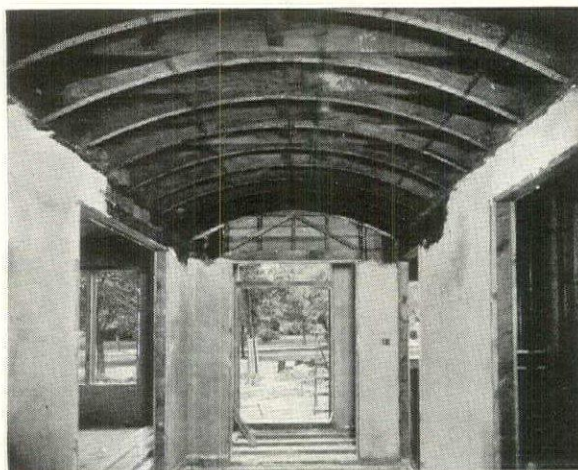


It is often possible to give character to one section of a room by the use of a furred ceiling, as in the bay window alcove above. See that the furring strips are properly aligned as a base for lath or panels



CELOTEX

This room has been lined with sheets of insulating board preparatory to the application of plaster. The insulating value of such a base offers more advantage over ordinary lath and plaster construction



MILCOR STEEL

Nowhere does metal lath show more clearly its superiority over the old-style wood lath than in the construction of a curved plaster ceiling. Metal lath is firesafe, quickly installed and free from that swelling and warping which will cause plaster cracks



H. H. ROBERTSON CO.

The use of fireproof steel floors eliminates the necessity for any ceiling finish beyond a coat of paint. Floor above and ceiling below become a single entity. Their higher first cost is partly offset by the speed with which they are installed and by their longer life

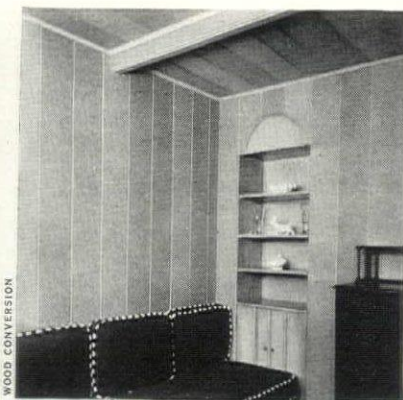
SEE PAGE 42 FOR DIRECTORY  
OF MANUFACTURERS



## SELECTING AN APPROPRIATE MATERIAL

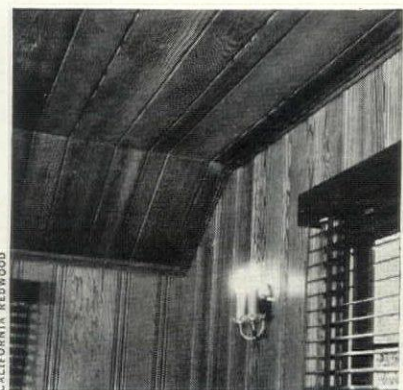


Wallpaper should never be applied to new plaster until the latter has had adequate time to dry out. Paper can best be applied over most panel-type walls after they are first covered with canvas in order to conceal the joints



WOOD CONVERSION

Processed wood fibre in panel form may be nailed to all kinds of wall surfaces or, cut into smaller sheets, fixed with mastic. It has some insulating and sound deadening properties



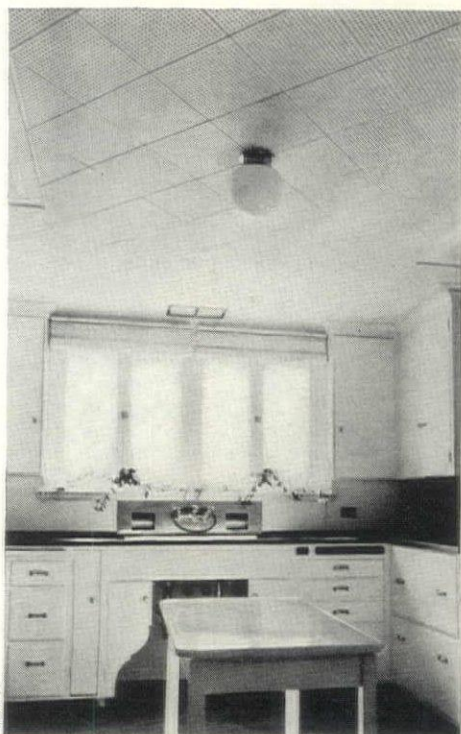
CALIFORNIA REDWOOD

Real wood, whether used in the form of solid boards or in one of the many available veneers, provides a warm traditional background. Here it is used for the ceiling and also the walls



PITTSBURGH PLATE GLASS

Structural glass must be carefully installed with mastic cement on a perfectly dry and rigid background (never on a wood surface). Here structural and mirror glass are used on the walls, structural glass on the ceiling



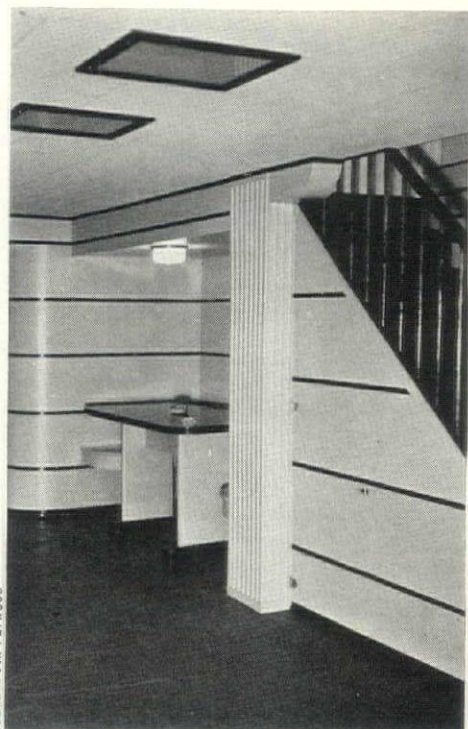
CELOTEX

An acoustic tile ceiling is a useful refinement for deadening sound in noisy areas such as the kitchen. The sound-absorbent quality of these tiles is not affected by painting. They are easily applied to any type ceiling



MASONITE

The wood fibre board used on the walls of this room comes in sheets up to 12 ft. long. Correctly applied, no nail heads are visible, even if joints are not covered by mouldings. The ceiling is covered with the same board



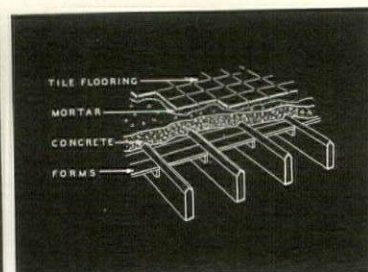
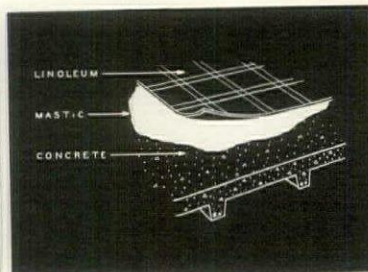
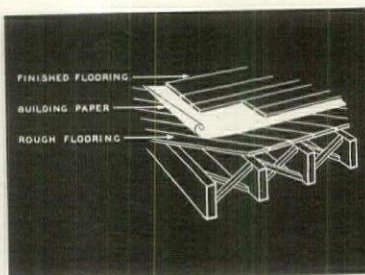
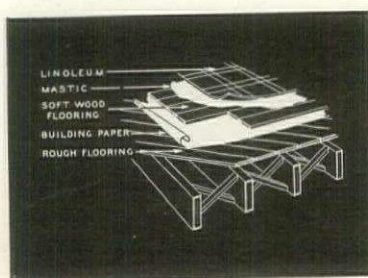
DOUGLAS FIR PLYWOOD

Use of a prominent moulding to cover the joints between these sheets of plywood has converted a liability of panel finishes to a decorative asset. For plywood facts watch for the complete article in our April issue



# FLOORS AND TRIM

**P**RACTICALLY all modern flooring materials in use today will give good service if properly laid. Test wood floors for squeaks, which will indicate inadequate nailing of either the top floor or sub-floor, or possibly the absence of a layer of building paper between the two. In other types of floor, and in trim, look first at the joints for neatness and alignment. Occasional imperfections are not cause for wholesale condemnation of either material or installation, but their absence is an indication of sound workmanship. If you are able to examine the house during construction, pay special attention to the sub-floors, for the finish floor will only be as satisfactory as the sub-floor is rigid and level. So refer to page 6 for a check on sub-floor construction, then to the drawings below for characteristic methods of floor installation.



Linoleum should be laid with waterproof mastic over a softwood strip floor scraped or sanded smooth. This narrow flooring should in turn be laid over building paper on a sub-floor firmly nailed diagonally across the joists

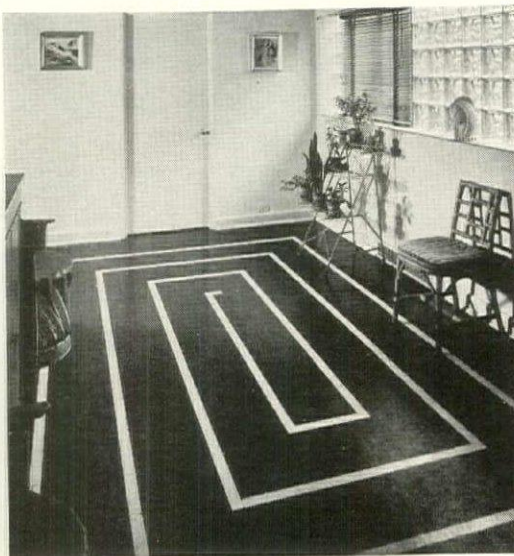
All types of hardwood "strip" and "plank" flooring and some wood blocks should be laid over building paper on a well-nailed sub-floor of wood. This in turn should be laid diagonally across the floor joists and firmly nailed in position

Linoleum and rubber are ideal over thoroughly dry concrete above ground (not on concrete in contact with earth), but the concrete surface should be true and smooth, for any imperfections there will eventually show through

Ceramic tile floors need a cement sub-floor. In frame houses this is often laid over wood joists cut to a blunt knife edge at the top. Metal lath or boards are set between the joists in order to hold the concrete in place until it has hardened



Asphalt tile is laid over either a wood or, preferably, concrete sub-floor. It is the only type of finished composition flooring which can be laid on concrete in contact with earth; for example, in basement rooms



Rubber flooring may be decorated with inlaid designs of different colors. See that the joints around the inlays are neatly made and watch for any imperfections in the sub-floor which will later show through



Cork tile may be laid like linoleum on either a wood or a concrete base. The cork has here been neatly carried up the wall to form a baseboard. In the background is a floor of tough end-grain wood blocks





LEFT: An effective method of judging the quality of trim is to examine the joints. See that they are neat and tight, that the edges are clean and not marred or chipped. Look at the baseboard and see that it fits snugly against the floor and walls throughout. All these are signs of good workmanship which you should expect in any well-built house

BELOW: Wood blocks laid in parquetry patterns may either be blind-nailed to a wood sub-floor or laid with special mastic over dry concrete. Make certain that none of the blocks is loose, swollen, or has chipped edges



PITTSBURGH PLATE GLASS CO.



KAUFMANN-FABRY



Hardwood block floors, like all other finished wood floors, should not be laid until all plastering and cement work is thoroughly dry. It is recommended that the heat be turned on for at least ten days before the floor is laid. Make certain that the flooring has not been laid up tight against studding or walls without space for expansion

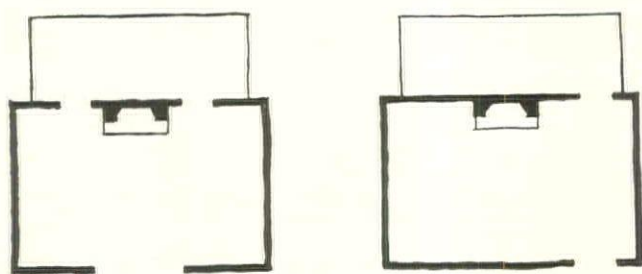
Linoleum used to be associated with such rooms as kitchen and bathroom, but here it is used as an all-over covering for the living room. For good service it is essential that the base upon which the linoleum is laid be dry, clean and level. See also that there is a neat joint or cove made between floor and walls to make cleaning easier



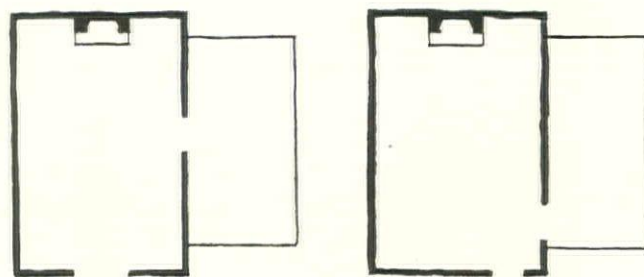
# DOORS AND HARDWARE

As one of the most constantly used parts of the house structure, doors must be carefully located, and the hardware with which they are fitted must be of good quality material designed for hard wear without maintenance. Try opening and closing each door in the house. See that each opens easily and latches securely under gentle pressure. Turn the key and make certain that the dead bolt throws easily into the locked position without striking the catch. Stand the door ajar; if the frame is plumb, the door should stand open at any point without swinging, unless fitted with some form of closer (see opposite page). Study the comparative schemes which are illustrated below, and note the importance of proper placement of doorways.

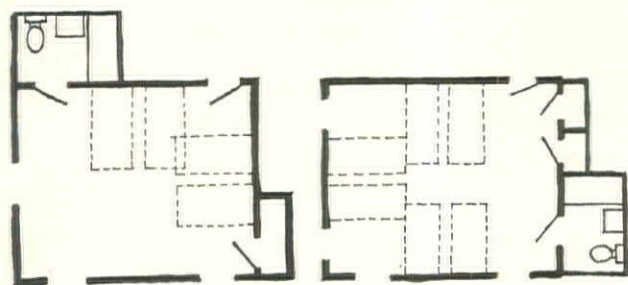
SEE PAGE 42 FOR DIRECTORY OF MANUFACTURERS



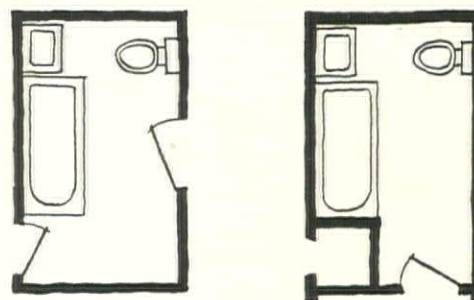
**BAD (left):** Space cut up by cross traffic, making furniture grouping difficult. **BETTER (right):** Traffic confined to one end. More usable wall space



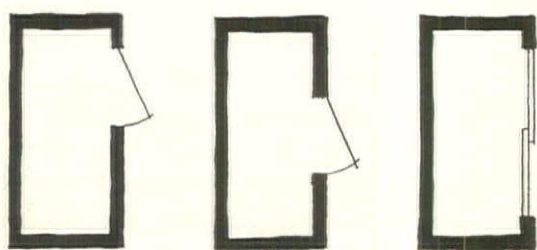
**BAD (left):** One-quarter of this room is wasted due to bad door location. **BETTER (right):** Two doors in corner minimize waste of wall and floor space



**BAD (left):** Closets and bathroom widely separated from entrance. Wall space cut up by windows. **BETTER (right):** Concentrated traffic; usable walls



**Bath serving two bedrooms. BAD (left):** Two doors inconvenient, space-wasting. **BETTER (right):** One door from a small hallway serving both bedrooms

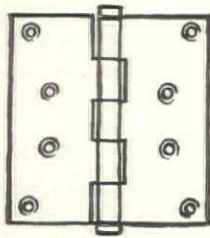
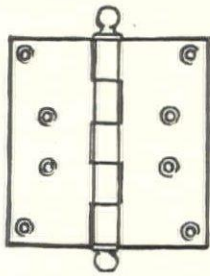


**Closet Doors. BAD (left):** Only one end of closet is fully accessible. **BETTER (center).** **BEST (right):** Whole closet accessible. Sliding doors will save space

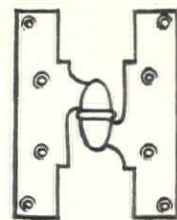
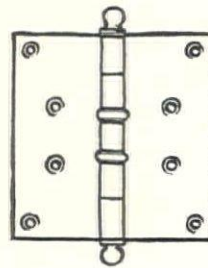


**Kitchen Doors. BAD (left):** Doors strike if swung simultaneously. **BAD (center):** Swings too near work space. **BETTER (right):** Door swings clear

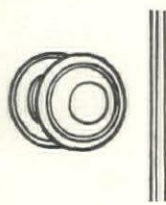
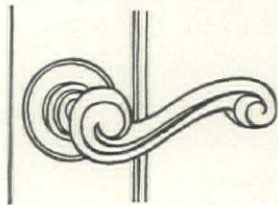
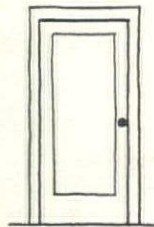
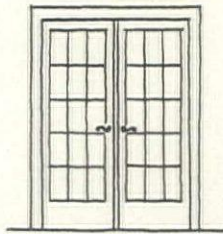




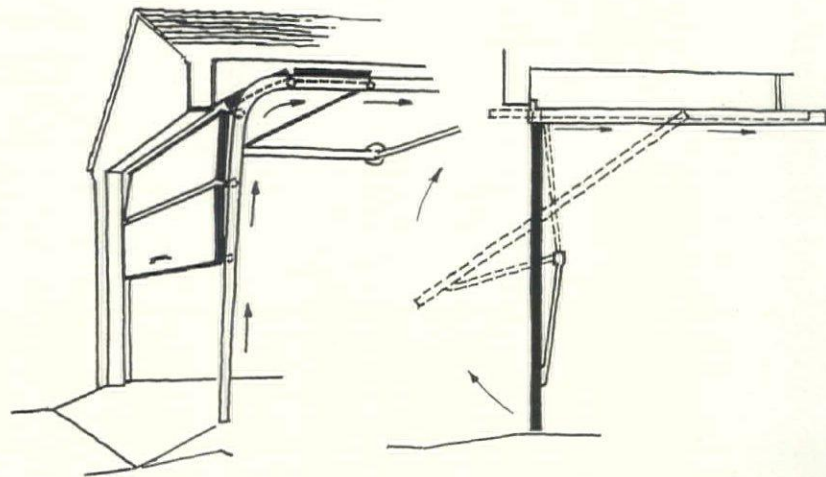
**PLAIN BUTT HINGES.** On the left is one for ordinary use, on the right one intended for painting (leaves cut away from the pillar to avoid scraping)



**BALL-BEARING HINGES** work more smoothly than plain butt hinges, so are preferred equipment for principal doors. Identifiable by enlarged casings

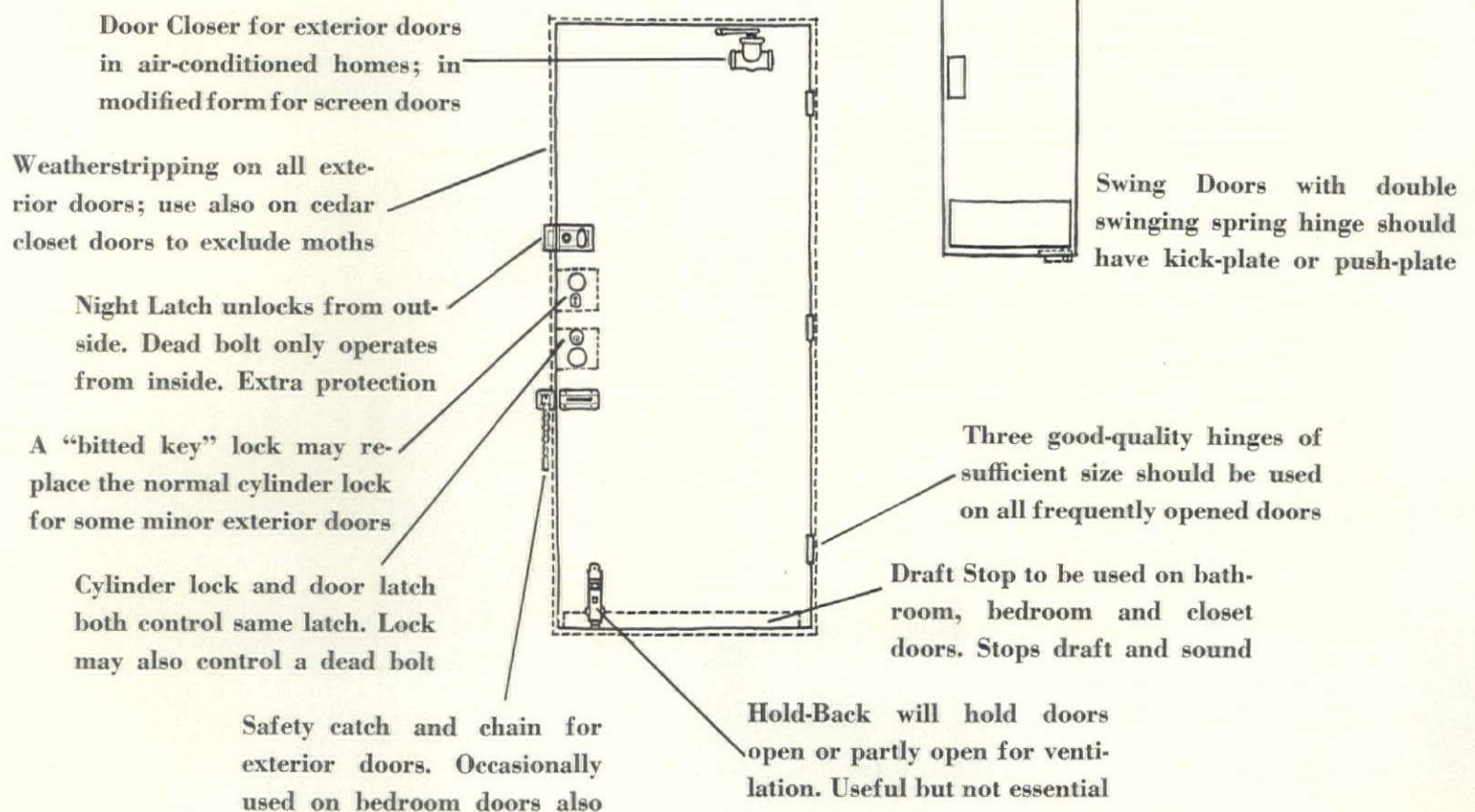


**LEVER HANDLES** should replace knobs on doors with narrow "stiles" (such as French doors) where a knob would lead to knuckles scraping on the trim



**GARAGE DOORS**, whether of the sectional type (left) or of the one-piece type (right), should fit snugly without rattling, work easily in all weathers

### TYPICAL DOOR HARDWARE





**DECORATING TIP:** Good decoration uses all periods to achieve a contemporary look. Learn how this should be done in our April Portfolio of more than 100 Ideal House Interiors.

# WIRING

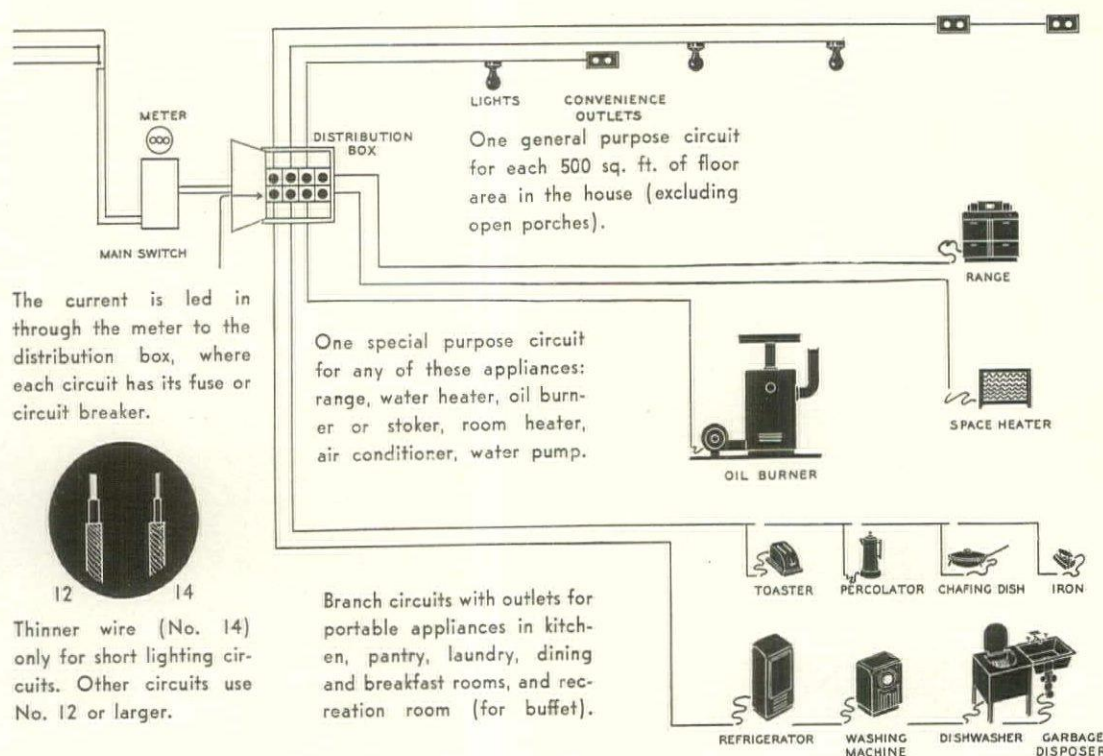
**A**dequate wiring is essential for good lighting, efficient functioning of appliances, and economy. Overloaded circuits cause dimming lamps, crackling radio and wasteful use of current. So look for adequate sized wire, a sufficient number of outlets and switches conveniently placed. Following are three essential rules for adequacy in home wiring:

**RULE A.** (Living rooms, bedrooms) No point along the floor line in any wall space unbroken by a doorway should be more than 6 ft. from an outlet in that space. Also at least one duplex outlet in each usable, isolated wall space 3 ft. or more in length at the floor line. Also one outlet flush in the top of each mantel shelf, if construction permits.

**RULE B.** (Halls, stairs, rooms with 2 or more entrances, garage) To allow movement throughout the house, turning lights on ahead and turning them off after passing, use multiple control switches: one switch at main entrance door to each room, multiple control if commonly used doorways are more than 10 ft. apart; two three-way switches (located at head and foot of stairway) for each lighting unit on stairways leading to finished halls or rooms.

**RULE C.** (Kitchen, pantry, laundry, basement) There should be lighting units at each important work area: sink, work table, sewing counter, cabinet, range, etc., over trays, tubs, ironer, etc., at furnace, workbench, etc.

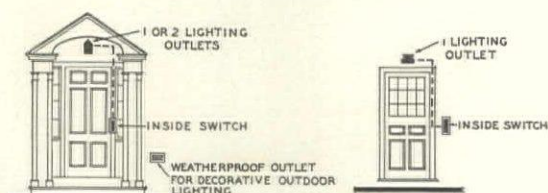
## SIMPLIFIED CIRCUIT LAYOUT



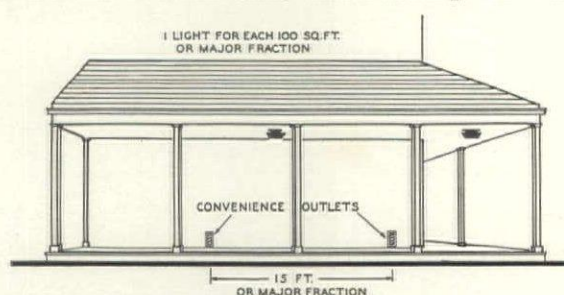


# WHAT ELECTRIC OUTLETS YOU SHOULD HAVE, AND WHERE

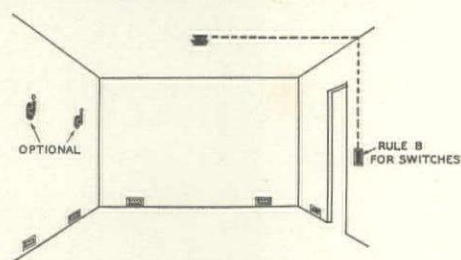
Convenience outlets should always be of duplex or other multiple type, except where a special outlet is provided for a single unit such as a ventilator



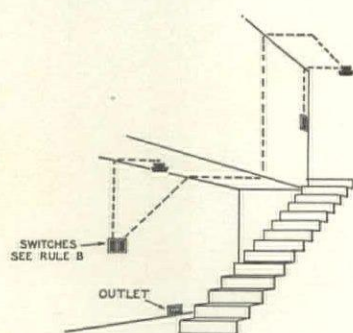
**ENTRANCE DOORS** may need waterproof outlets



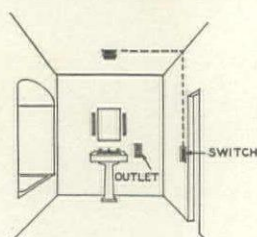
**PORCHES** need appliance outlets for buffet meals



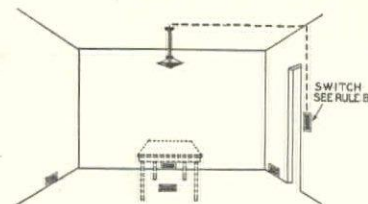
**LIVING ROOMS AND BEDROOMS** which are low-ceilinged or more than 400 sq. ft. in area need more than one ceiling unit if this is main source of light



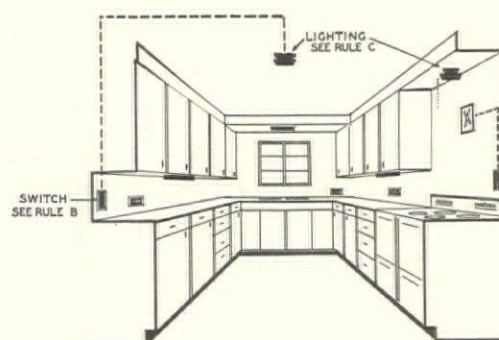
**HALLS AND STAIRWAYS** always should be provided with one duplex outlet for every 20 ft. of hall or major fraction thereof, and one ceiling light for each 15 ft. or major fraction; also one light at the bottom, and another at the head, of each stairway



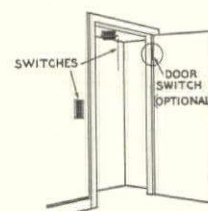
**BATHROOMS** will need one convenience outlet (away from tub), wall brackets flanking the mirror, a ceiling light if the room is over 60 sq. ft. in area



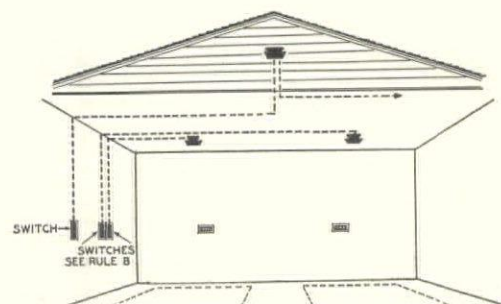
**DINING ROOMS** require a minimum of two convenience outlets, one of which may be a floor outlet under the table; also at least one duplex outlet in each wall space where a serving table might be placed. A ceiling unit is preferable to wall brackets



**KITCHENS AND PANTRIES** should have a minimum of three elbow-height convenience outlets, one at each work area; special-purpose outlets for range, refrigerator, etc.; special switch for ventilating fan if installed. In addition to a ceiling light there should be special lights for the various work areas



**CLOSETS** should be fitted with an interior light controlled by a pull chain or a wall switch or, if preferred, by a button-type automatic door switch



**GARAGES** need a convenience outlet 4 ft. above floor at rear of each car stall, also light over each hood and an outside light with switch in the house

**ATTICS AND BASEMENTS** will need a wall switch with pilot light at the end of stairs to control at least one light; also at least one lighting outlet and one convenience outlet adjacent to work spaces



# LIGHTING

ALL too often the planning of effective lighting for the new home is not begun until the house is almost finished. The photographs on these two pages were taken in a home in Cleveland, Ohio, and serve as good examples of carefully engineered built-in lighting. The architect, Mr. Charles H. Hinman, and the decorator, Mr. Robert Boone, collaborated with the laboratories of the General Electric Company to work out the pleasantest and most scientific results possible in the lighting of this home. Note, throughout, that the built-in units are of ample size—an important point. Such units should always be large enough to provide the required amount of light at the place desired without surface brightness. That is, a large unit of relatively low intensity is usually preferable to a small unit of high intensity. Tests conducted in this home showed that the volume of light, at every point, met the standards set up by the Illuminating Engineering Society.

**1** The entrance hall has a well-lighted coat closet with automatic switch on the door jamb. Note the flush-type ceiling fixture which provides adequate illumination and does not interfere with the swing of the door. Such fixtures must be planned in advance to insure most economical installation

**2** In the bathroom, the units on either side of the mirror utilize the new fluorescent lamps which give a daylight effect without glare. Lumiline lamps are also used here with very satisfactory results. Note the convenience outlet located near the washstand

**3** The dressing alcove is illuminated entirely by means of the ceiling unit. This unit has a low surface brightness but is large enough to flood the whole alcove with soft light. The mirror top on the dressing table is valuable as a reflector, directing light upwards towards the face. A convenience outlet is half-concealed at left of table

**4** At the top of the stairs is a double convenience outlet for vacuum cleaner, etc. A tiny lamp, included in this unit, burns constantly to prevent accidental falls at night. Note the convenient position of the outlet serving the little lamp on the console table

**5** The playroom is used for a variety of activities and should be provided with highly adaptable lighting arrangements. When this ping-pong table is not in use, the two 150-watt ceiling lamps can be unplugged and the room illuminated by torchères, etc.

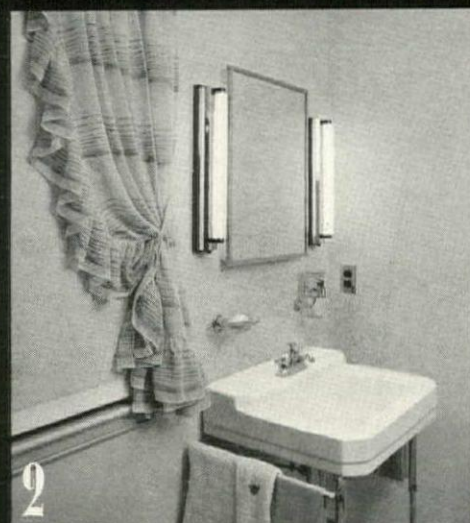
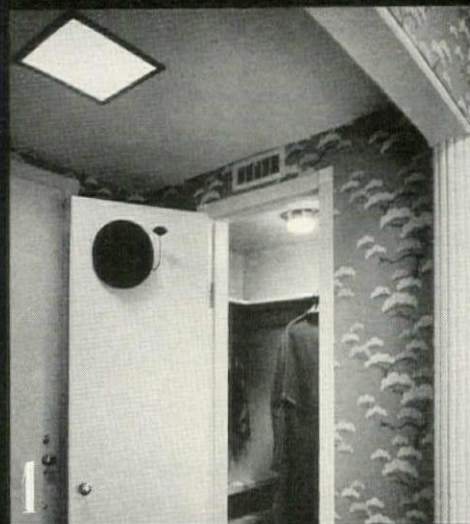
**6** A child's bedroom contains this interesting unit. Light from lumiline lamps is reflected up along the walls and ceiling and also downward for reading. The shelf contains outlets for the radio, electric clock and electric blanket. A unit such as this must be carefully planned; but it is very effective, decorative and will save much space

**7** In the master bedroom the beds are slightly recessed into the wall, creating space for concealing soffit lighting above the bed-heads. Switches convenient to each bed control the 40- and 60-watt lumiline lamps above them. Adjustable reflectors, behind the lamps, may be easily reached

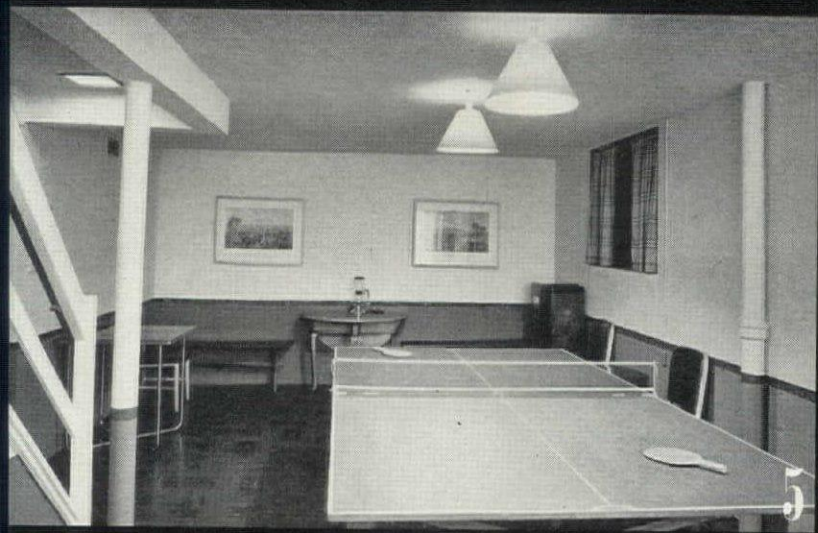
**8** The general level of illumination in the living room, as elsewhere in the house, is of sufficient volume and so well distributed that the higher levels of illumination required for reading or writing are not in unpleasant contrast. Incidentally, good lighting contributes much to effective decoration

**9** The entrance is illuminated from a soffit unit above the door which gives an abundance of light yet eliminates the glaring effect of the customary exposed fixtures. Note the illuminated house number, a great convenience for visitors at evening parties

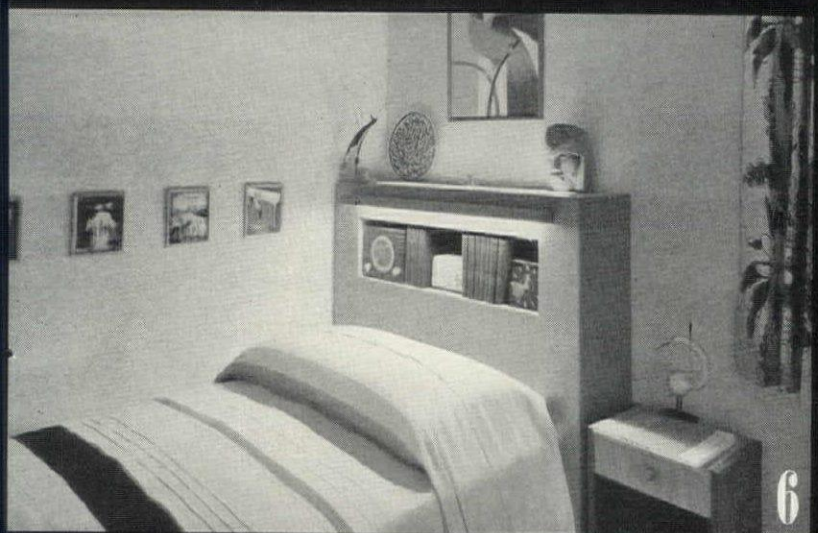
**10** In the kitchen a large soffit light is used over the sink. The wall cabinets are provided with small tubular lamps which light when a door is opened. Beneath the cabinets is lighting for the counter tops



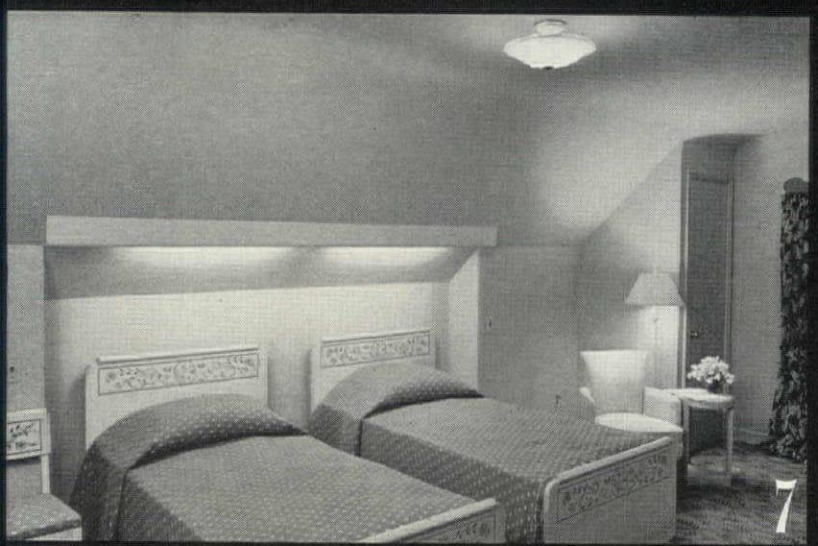




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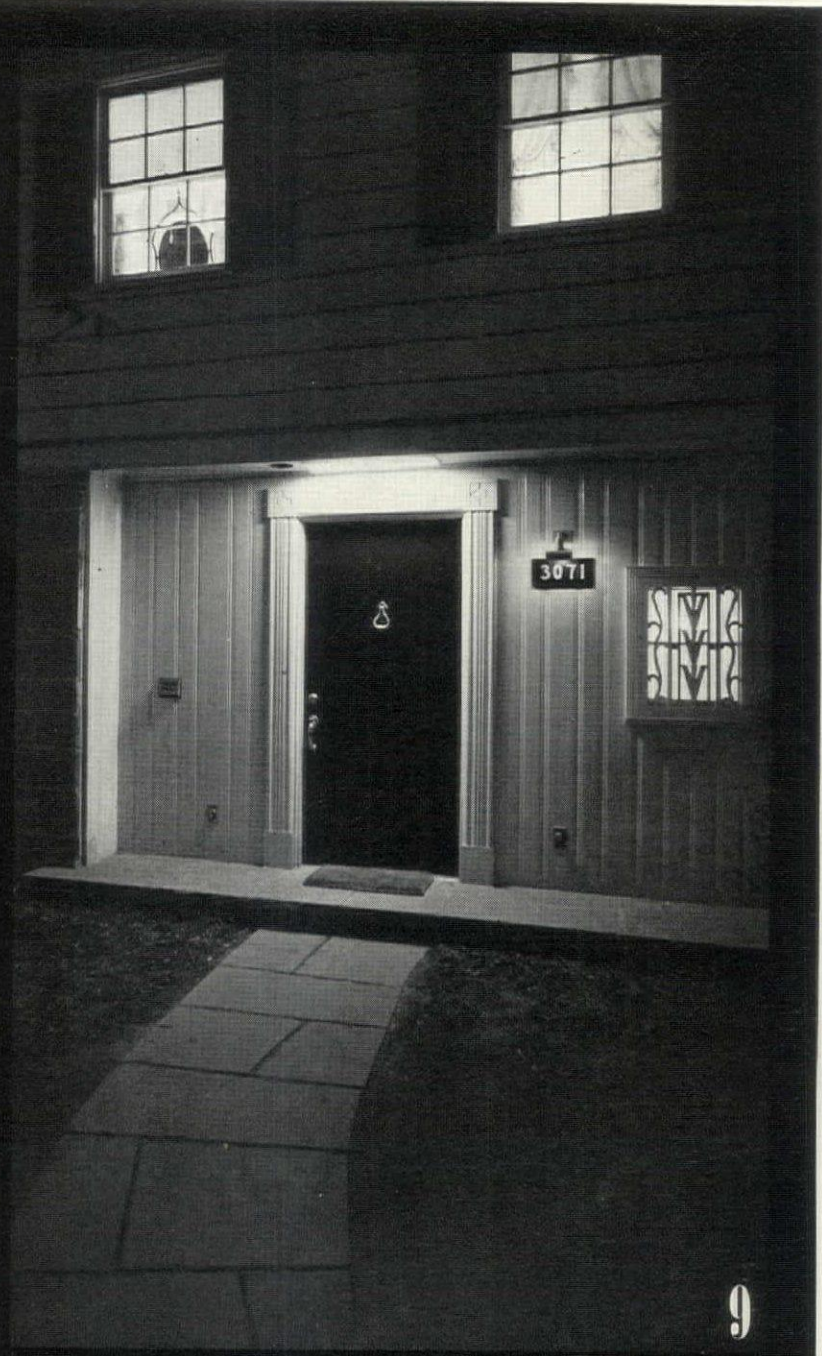
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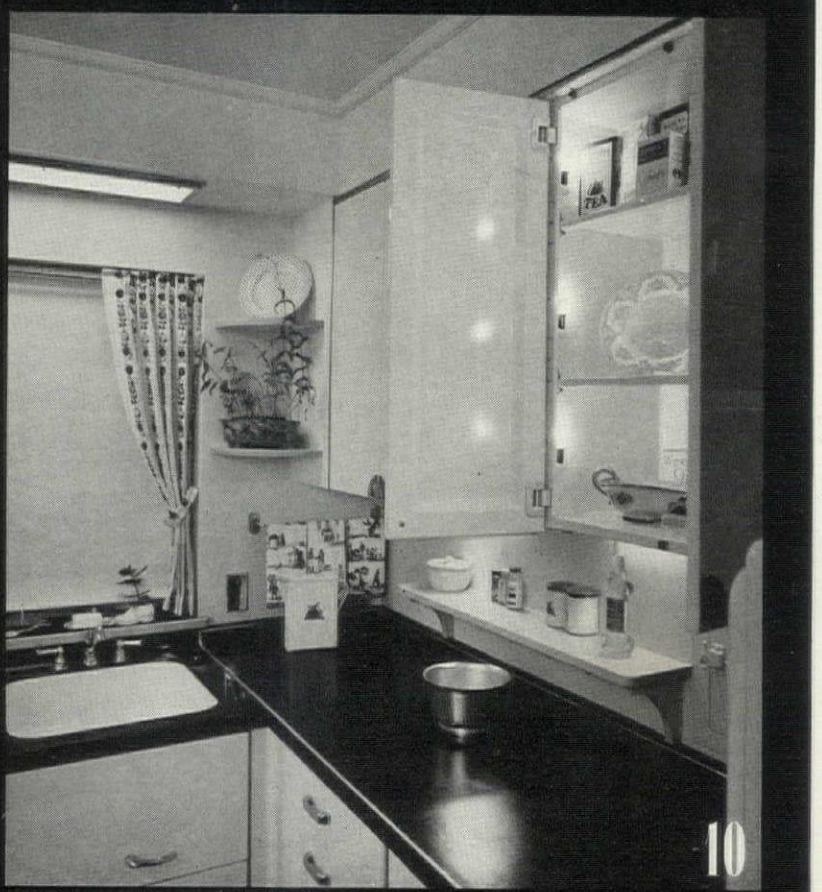
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8



9



10



If you are adding a piece or buying a houseful, a plan for furniture buying is essential. Read the Second Section of our next issue.

# HEATING

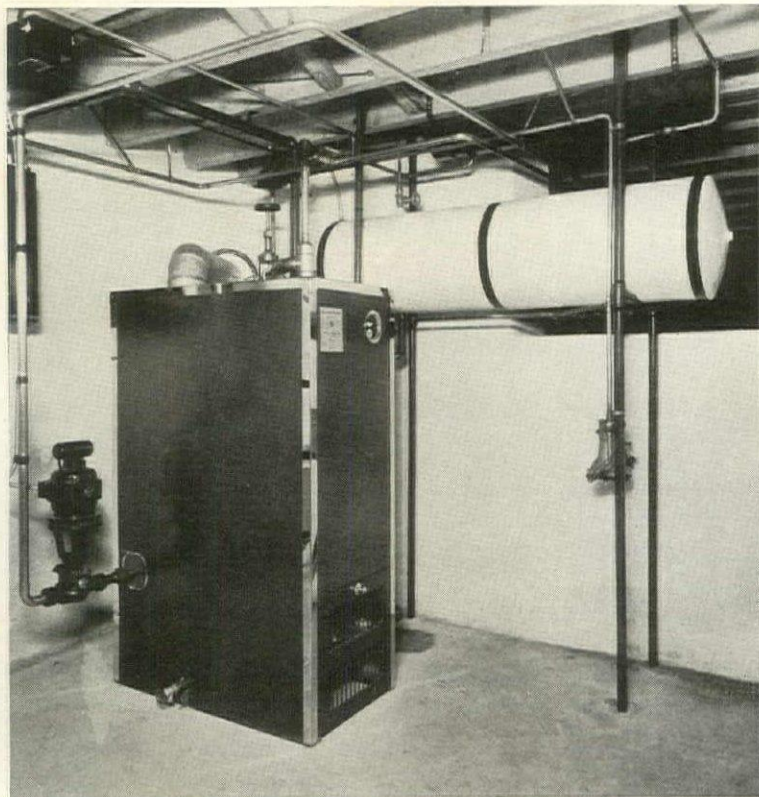
So many advances have recently been made in the design of heating equipment that it is unnecessary for even quite inexpensive houses to be fitted with anything less than a satisfactory heating system, whether that system be steam, hot water, warm air, or complete air conditioning. Too many people still think that air conditioning means cooling and that it is too expensive to be given serious consideration. As a matter of fact air conditioning is more important for health in Winter than in Summer; and Summer comfort can be had without expensive cooling equipment. You can be comfortable on a very hot day if the relative humidity is low and there is enough air movement. And you can be comfortable in Winter in a room heated to only 68° if the relative humidity is high and there is sufficient movement of air to keep the heat well distributed without drafts.

In order to keep temperature, humidity and air movement (upon which three items your comfort ultimately depends) in proper relation to each other without waste of fuel, it is essential to have automatic controls of good quality. Make certain that there is some form of automatic fueling device. Turn it on and see that there is no undue noise and vibration. See that the house warms up quickly; in a hot water system expect to find a circulating pump.

SEE PAGE 42 FOR DIRECTORY OF MANUFACTURERS



A complete air conditioning system, to supply a perfectly controlled atmosphere whatever the outside weather conditions, must include air heating and cooling, filtering, circulation, humidification and dehumidification. Such perfection is naturally expensive; and in most cases it will be found advisable to omit at least provision for air cooling, which is usually an expensive item but one which can be added to most systems later if required

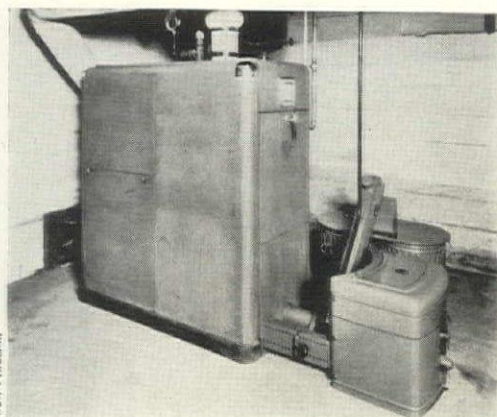


The best types of modern hot water heating systems, such as the one shown here, are entirely automatic in operation, and quick to respond to changing temperature needs as relayed by the thermostat. The water circulating pump (at lower left. See also page 38) drives warm water quickly into the radiators when needed. No extra equipment is required for domestic hot water. The insulated storage tank is at upper right below the pressure tank

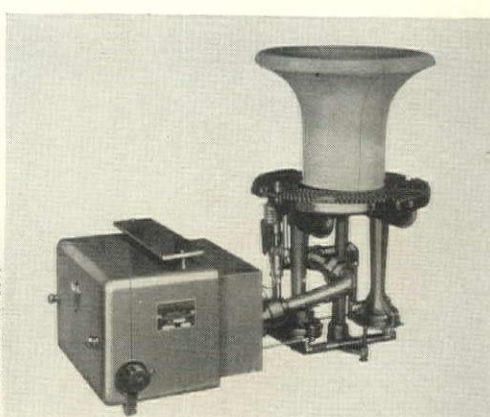




You should expect to find modern, labor-saving fueling equipment in a well-built house. This neat automatic oil burner typifies the best



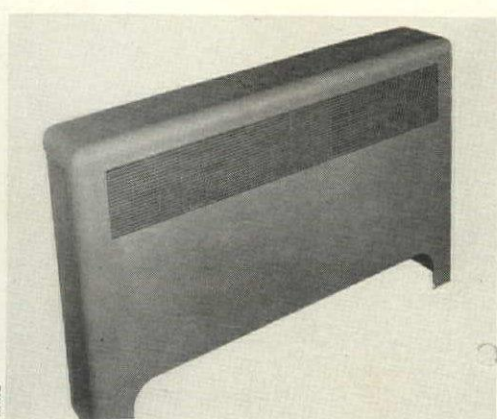
If the house is provided with a furnace burning solid fuel, look for a well-designed automatic stoker as a part of the heating plant



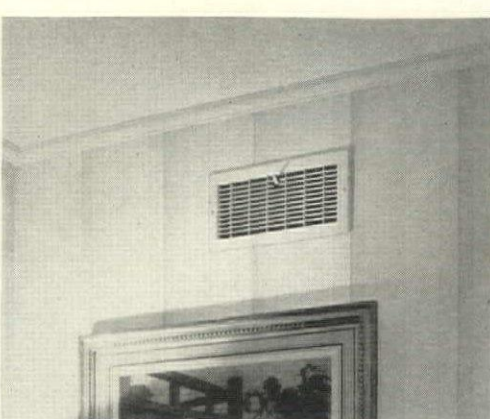
If gas proves to be the most convenient and economical sort of fuel, see that the burner is of a modern type designed for efficiency



Convectors, like radiators, should preferably be located under windows so that they will warm the air in the normally coldest part of the room



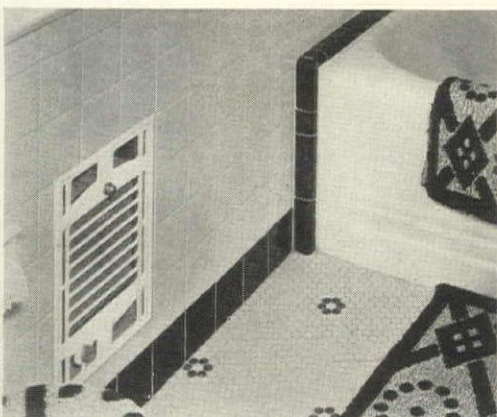
Convectors such as that shown being installed at left should be covered with a shield like this to ensure the most efficient distribution of heat



In air conditioning systems, supply grilles are usually located high up on partition walls and the return grilles usually placed near the floor



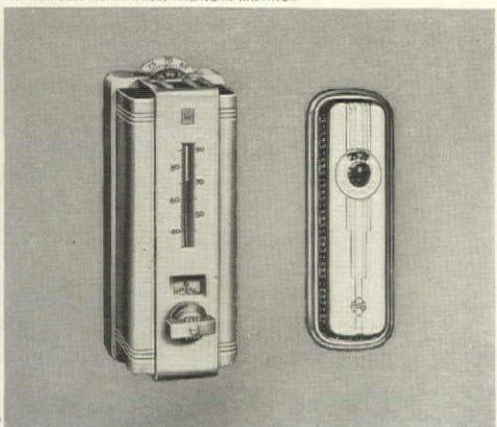
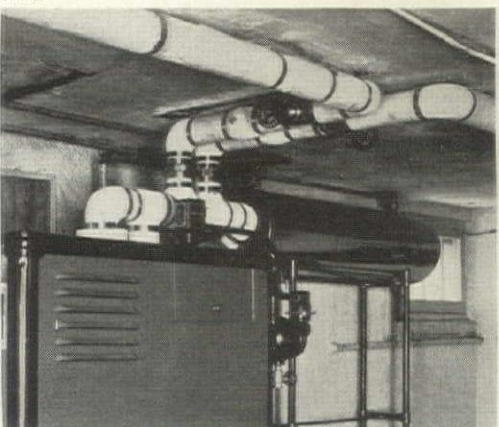
The most unobtrusive type of radiator is one of shallow section which can be neatly fitted under a window without waste of usable floor space



Set in the wall behind the grille of this small copper radiator is a fan which serves to provide positive circulation of the heated air in any room



This circulating fireplace draws in cold air at floor level, or from the outdoors, expelling warm air from grilles set in the wall at a higher level



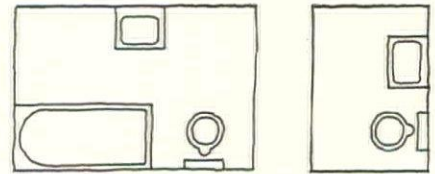
1. Precautions should be taken so that the heat generated in furnace or boiler is not dissipated before reaching the point at which it is to be used. See, therefore, that all hot pipes (except those with reflective surfaces such as brass or copper) are well wrapped with insulating material

2. A heating plant without automatic control—a thermostat (left), and also a humidistat (right) if the system provides for humidification—is like a modern automobile with only a hand throttle. Waste of fuel due to hand operation will soon exceed the cost of efficient controls

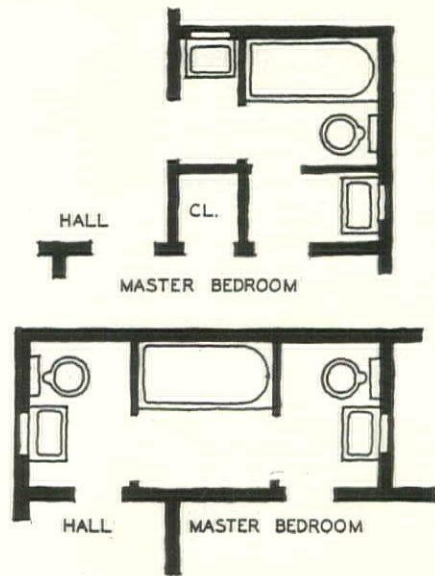


# BATHROOMS

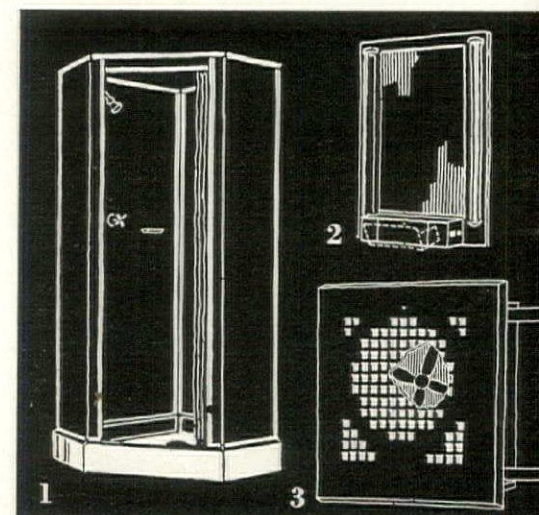
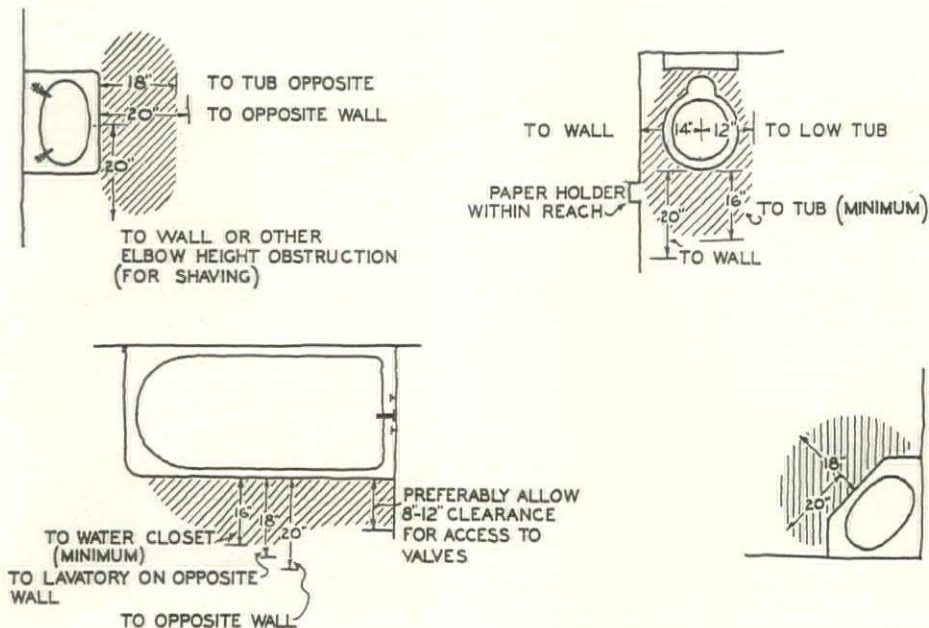
BATHROOM PLANS for most houses are governed by the necessity of providing maximum convenience with minimum equipment. The basic standards for adequate bath facilities, as generally established, have provided: for single-story houses, one bathroom with all three fixtures; for two-story houses, a complete bath upstairs and an extra lavatory and closet downstairs. Bath and lavatory should be accessible from the halls.



WITH MODERN PLANNING, based on the "use-value" of floor space, minimum bathroom facilities can be arranged to provide double, or even triple, convenience. The old rules for separate bathrooms are giving way to the use of different combinations of fixtures, planned to fit the special requirements of the family. The two plans shown at the right are typical examples of modern bath combinations. The first plan has just one extra lavatory in addition to the regulation fixtures, but because of the arrangement it provides a complete bath, accessible to both the master bedroom and the hall, and an additional lavatory which can be used with privacy at the same time. For the morning rush hour this combination will also provide triple bathroom accommodations. The second plan calls for two extra fixtures, a lavatory and a toilet, but it provides an even more flexible arrangement, offering the practical equivalent of a private master's bath and a bath off the hall. A shower combined with the tub gives added convenience.



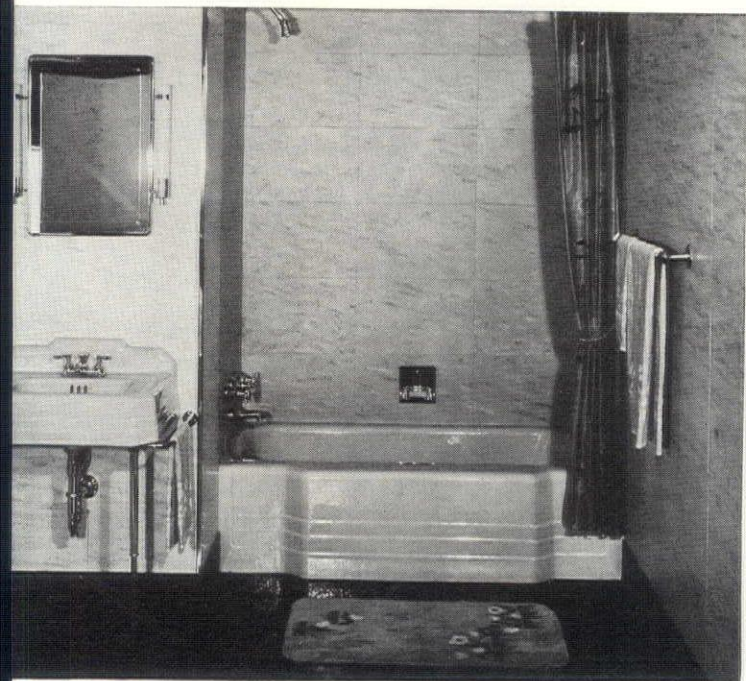
## MINIMUM DIMENSIONS for the comfortable use of bathroom fixtures.



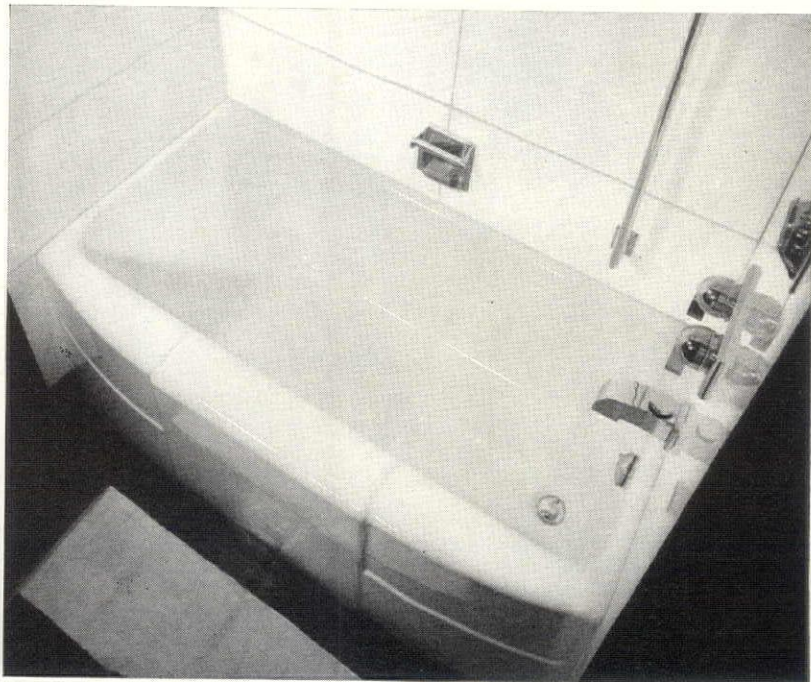
1. This ready-built and complete shower unit takes advantage of the difficult corner space. Durable and easy to install. Weis
2. Tubular lights each side of cabinet-mirror reduce shadows for shaving. Storage and outlet for electric shaver. Hoegger
3. Quick heat is circulated by the fan of this electric heater, installed in bathroom wall. Chromium plated grill. Hoegger

The compact arrangements of modern baths can be carried to excess. The sketches, above, indicate the clearance needed for each fixture.

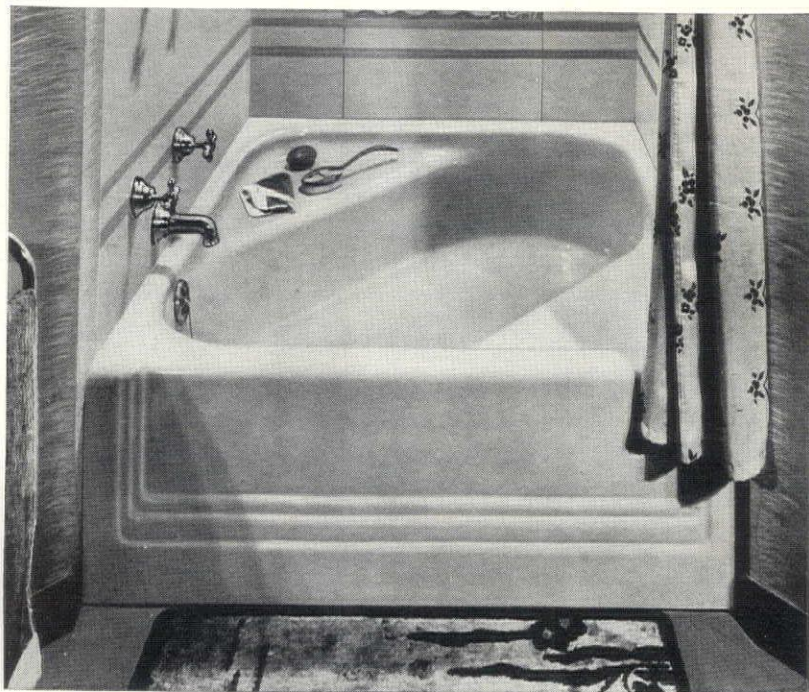




Modern design is bringing new provisions for comfort and convenience in the use of bathroom fixtures. The low rim of this tub sets a new high for ease and safety in getting in and out of the bath. It has been widened to provide a comfortable seat. This feature, obviously desirable for foot bathing, is also very convenient and practical in bathing small children. Humphries



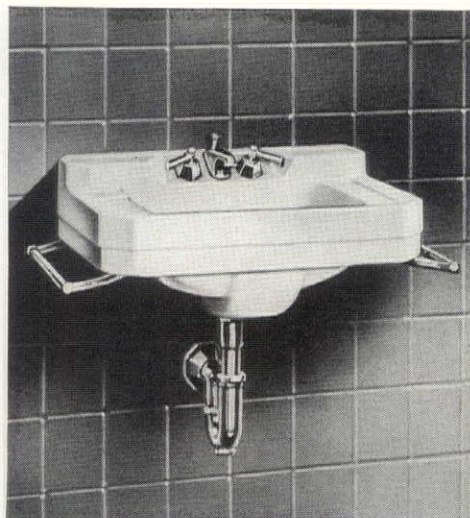
Looking down into the new tub shown above at the right, it is easy to see the advantages of its smooth, simple design. The straight, flat interior surfaces allow ample space for luxurious bathing and the broad central column of the rim serves as a seat. The long grab-bar installed vertically is a new safety feature. Note the modern shapes of the new faucets and spout. Crane Co.



The unusual design of the Neo-Angle tub, shown at the right offers many advantages in bathroom planning. Because of its size, just four feet square, this tub solves the problems of many small or unusually shaped rooms. The tub itself is regulation size and the corner seats are convenient for foot baths, bathing children and necessary bath accessories. From Standard Sanitary Mfg.



The cabinet enclosure under this compact lavatory makes good use of space which is usually wasted. Toilet articles, extra linen can be stored on shelves and racks behind doors. Large bowl, mixer faucet. Kohler of Kohler



This small wall-hung lavatory has many features of the larger and more expensive models. The convenient back-ledge, flat sides and slanting faucet panel are most desirable. Note towel racks. W. A. Case & Son Mfg. Co.

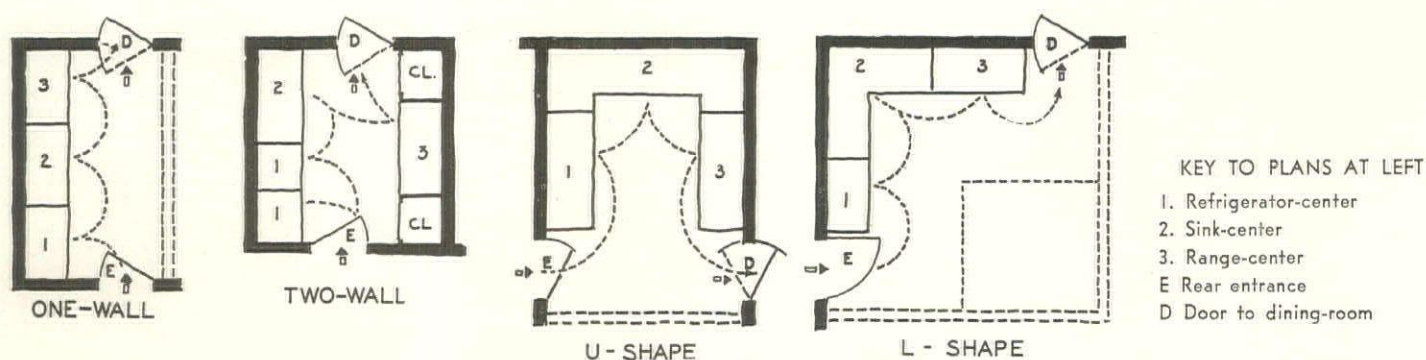


There are no hard-to-clean corners with this modern vitreous china closet which fits flush with the floor. The saddle curve of the seat is hygienically correct. Molded plastic surface of seat is permanently sanitary. Crane Co.



# KITCHENS

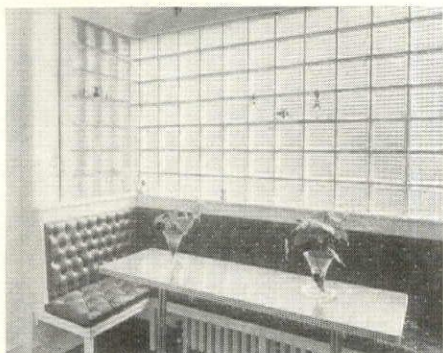
**I**N the kitchen, the arrangement of equipment is of first importance. Stand in the center of the room and consider the relation of the refrigerator, sink and range to each other and then to the doors, windows and shape of the room. If this equipment follows one of the four general "kitchen patterns" shown below, it will be easy to prepare meals without back-tracking or interference from traffic through the kitchen. Wall cabinets and base units should be grouped around the refrigerator, sink and range for the storage of supplies and utensils used at each one of these "work centers". Ample work surfaces are essential, and most convenient if they have been planned to form one continuous work-top. Good light, ventilation by cross draft or exhaust fan, easily cleaned surfaces and convenient appliance outlets are important modern kitchen details.



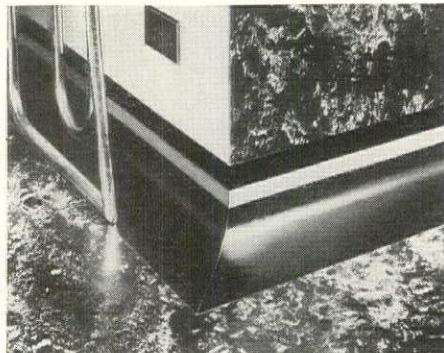
## MATERIALS, old and new, especially suitable for use in modern kitchens

MATERIALS	FOR KITCHEN WALL COVERINGS
Tile	Easy to clean, good colors, permanent
Paint	High gloss, easily cleaned, inexpensive
Panel board	Simple installation, durable surface
Linoleum	Sound absorbent, decorative, colorful
Wash. fabric	Very good patterns, durable, washable
Wallpaper	Inexpensive, good colors and patterns
Glass	Smooth, modern appearance, permanent

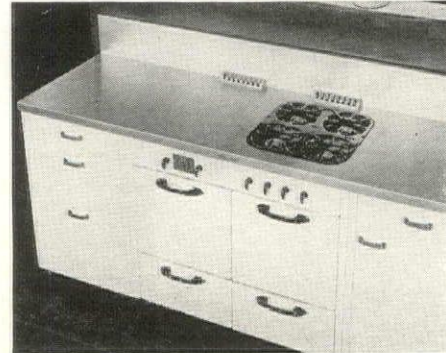
MATERIALS	FOR KITCHEN SINK- AND WORK-TOPS
Monel metal	Shining, durable, stock or custom made
Linoleum	Sound-deadening, very easy on dishes
Porc. enamel	Easy to clean, acid-resistant, colors
Pressed Wood	Good cutting surface, quiet, inexpensive
Stain. steel	Permanent, easy to clean, satin finish
Glass	Smooth, lustrous, colorful, heavy
Synthetics	Acid-resistant, grand colors, quiet



The glass brick wall makes this breakfast alcove light, sunny and attractive. Plain windows would give an undesirable view of the service yard. Glass brick is good to diffuse direct sun on kitchen work-tops



A linoleum cove base turned up around the walls and base cabinets provides a smooth rounded joint which is easy to clean and prevents scuffing. In colored and striped borders. Congoleum-Nairn, Inc.



This Monel metal work-top includes a full size Magic Chef gas range and modern cabinets. Its continuous shining surface eliminates joints and cracks. Stock or special sizes to fit. International Nickel Co.



## WORK CENTERS for convenient kitchens

SINK CENTER for dishwashing and preparation includes:

- Work-tops, at least 18" wide, at each side of the sink bowl.
- Raised front edge on sink-top to prevent water spilling over.
- Convenient storage for soaps, cleansers, brushes, dish towels.
- Electric dishwasher, garbage disposal for maximum service.
- Ventilated storage for vegetables which are cleaned at sink.
- Double compartment sink to simplify dishwashing and cooking.

NO. BEDROOMS	MIN. WORK-TOP LENGTH INCL. SINK SPACE
2	Five to six feet
3	Six to seven feet
4	Seven feet

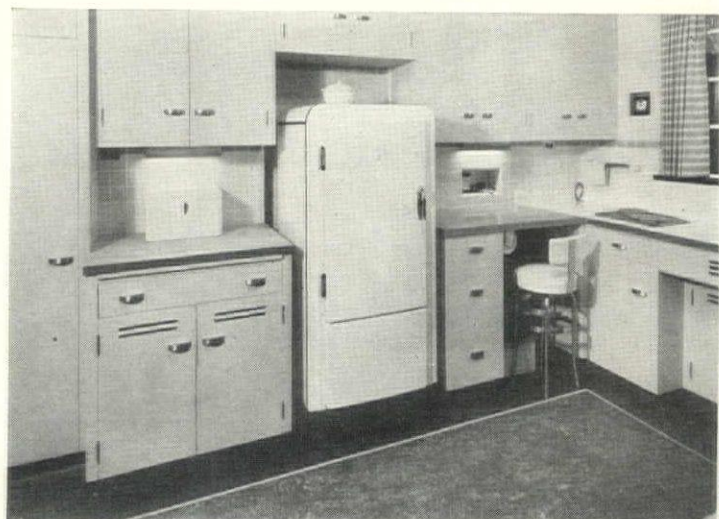


WHITEHEAD METAL PRODUCTS CO.

REFRIGERATOR CENTER for storage of food includes:

- Work-top by refrigerator for convenience in transferring food.
- Tall closet with hooks and shelves for storing pots and pans.
- Bin, drawer in bottom of refrigerator for cool fruit storage.
- Refrigerator door hinged to open away from main work surface.
- Cabinet space for storage of refrigerator dishes, trays, jars.
- Wall cabinet over refrigerator for utensils not in regular use.

NO. BEDROOMS	REFRIGERATOR CAPACITY	WORK-TOP LENGTH
2	Five cubic feet	Two ft. six in.
3	Six cubic feet	Three feet
4	Seven to eight cu. ft.	Three ft. six in.



AMERICAN GAS ASSOCIATION

RANGE CENTER for cooking and serving food includes:

- Work-top next to range for food preparation and serving dishes.
- Large closet with hooks and shelves for storing pots and pans.
- Hood with vent or exhaust fan to eliminate steam and odors.
- Base cabinet with vertical divisions for trays and platters.
- Plate-warming section in range or separate electric warmer.
- Convenient storage space for roasting pans and large kettles.

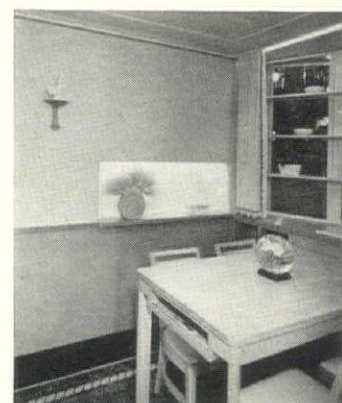
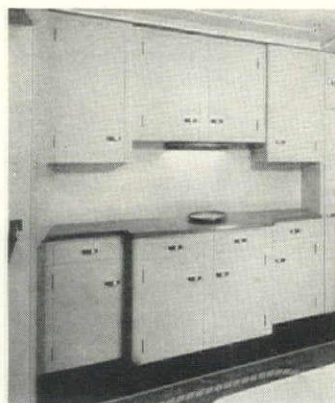
NO. BEDROOMS	OVEN SIZE	TOTAL WORK-TOP, INCL. RANGE
2	Medium	Five to five and one-half ft.
3	Medium	Six to six and one-half ft.
4	Large	Six and one-half to seven ft.



WHITEHEAD METAL PRODUCTS CO.

## BREAKFAST and serving space

Although closely related to the kitchen, space for informal meals and pantry storage does not belong in the kitchen proper. Good planning separates these facilities by a half-partition or by the arrangement of cabinets. In the two views of the breakfast space shown at right the storage cabinets and serving counter are directly opposite the pleasant bay window and breakfast table. The kitchen floor and color scheme have been continued in the breakfast space with good decorative details. The carefully designed storage cabinets create an interesting, practical feature

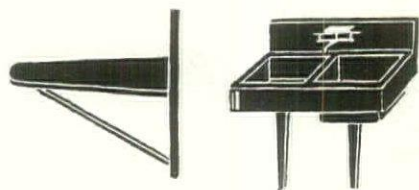


SEE PAGE 42 FOR DIRECTORY OF MANUFACTURERS

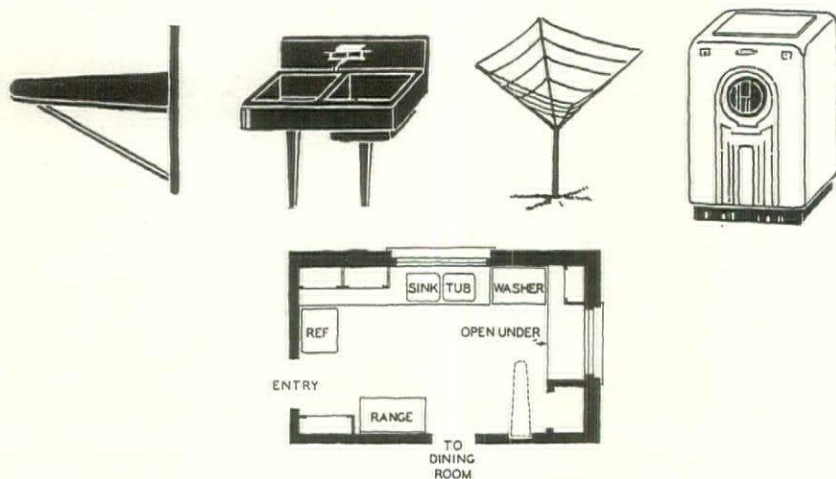


# LAUNDRIES

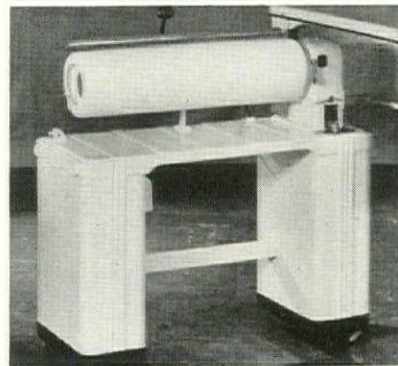
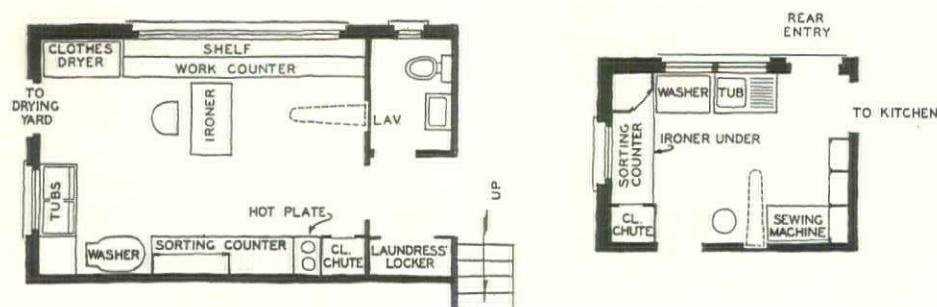
A HOME laundry will not meet the present-day standards of convenience and efficiency unless it is a comfortable work-room, arranged for the laundry routine and equipped with modern appliances. Of course in those households which send all the laundry out there is no need for a home laundry. However there are always sweaters, lingerie, etc., to be washed at home and a certain amount of pressing to be done, so that these homes should be equipped with a combination tub and sink and a sturdy built-in ironing board (see below).



A small laundry-space combined with the kitchen is usually adequate if light laundry is done at home, the heavy flat-work being sent out. This combination is also very convenient in homes with children, where a small laundry must be done almost daily. An automatic washer such as the Bendix Home Laundry, sketched below with the other light laundry essentials, can be used to great advantage here. The plan shows how laundry equipment can be arranged in an average kitchen without affecting the kitchen efficiency.



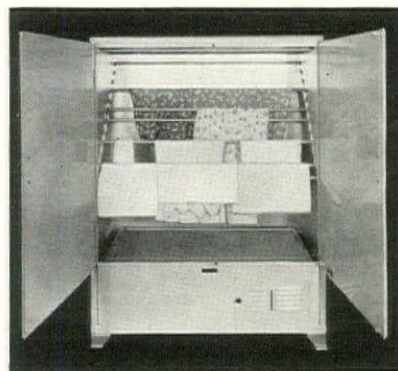
Complete home laundries, either in the basement or on the first floor, should be planned to provide a continuous working arrangement for each step in the laundering routine, from the soiled clothes right through the sorting, washing, rinsing, drying and ironing stages. The large basement laundry, at left below, provides for this logical procedure from the clothes chute in one corner to the ironing center, opposite. The smaller plan shows a first floor utility-room, well ventilated and lighted, for laundering and mending clothes.



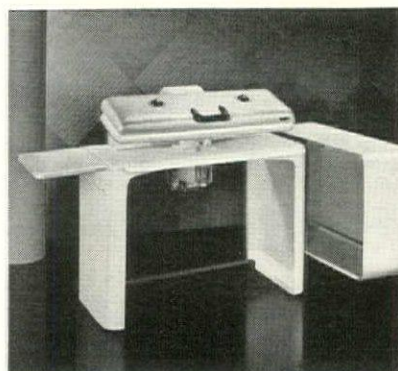
This roller-type electric ironer is easily operated from a sitting position. The speeds are adjustable and the heat thermostatically controlled. A neat cabinet cover can be closed when the ironer is not being used. By Westinghouse



A thorough but gentle washing action is an important feature of this washer. Clothes cannot tangle in the tub and dirt and sediment are continually drawn away during the washing. Safety power wringer. By General Electric

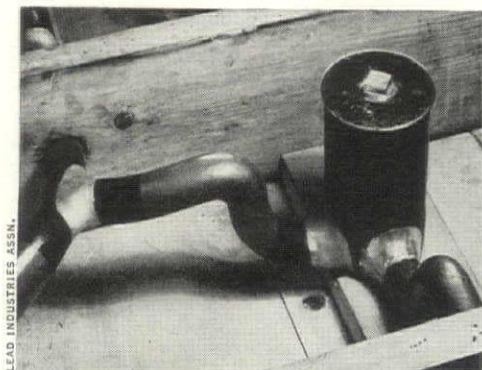


An indoor clothes dryer solves the bad weather and Winter drying problems, also valuable if there is no drying yard. This gas-heated model holds an average laundry. Clothes dry quickly in the fresh warm air. By Domestic Dryer Corp.

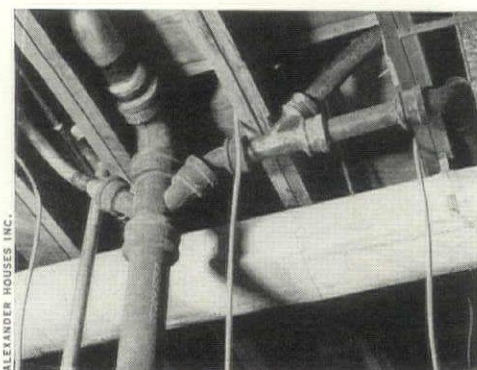


With the flat-plate ironer clothes are folded or smoothed on the lower half of the padded hot plate. After the top half has been closed the pressure is automatically applied by a control lever. Easily operated. By General Electric

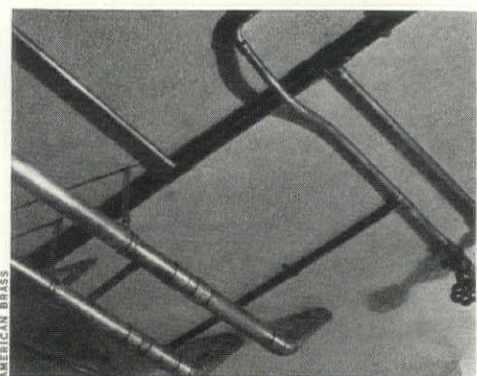




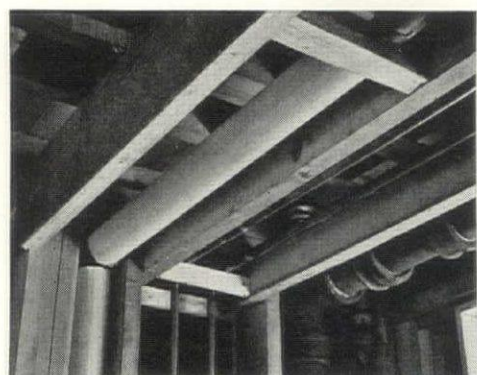
The inspection sump on the waste pipe from a bath, showing some well-made wiped joints. The quality of workmanship in the assembly of a plumbing system can usually be detected in such small details of construction as this



Looking up at the underside of a bathroom floor during construction. The joists have been doubled to carry the heavy bathroom fixtures and the pipes arranged to run underneath to avoid weakening joists with holes



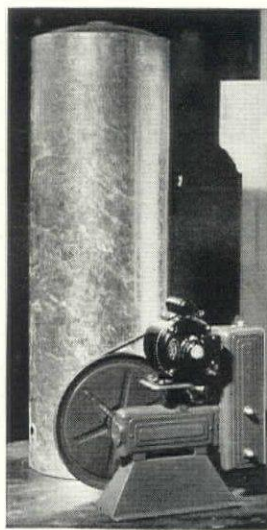
Soldered copper pipe will usually withstand the corrosive action of aggressive waters that are potable, whether hot or cold. Elimination of threading permits thinner tube walls with a consequent reduction in cost



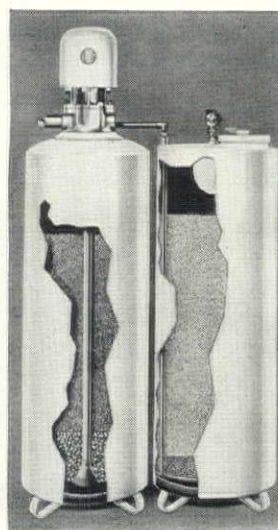
Provision must be made not only for the insulation of hot pipes (see page 27), but also for the soundproof covering of drainage pipes which run through the walls or ceilings of any of the principal rooms, as above

# PLUMBING

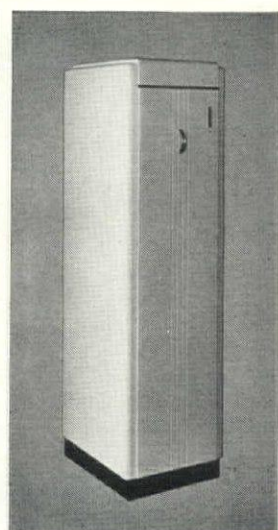
IN SELECTING the proper piping for your new home, be sure to investigate the performance of various types under identical local conditions. The durability of pipes is not merely a matter of the metal used in their manufacture, but of the water—and the temperature of the water—which the pipes will carry. Some waters are chemically aggressive and will corrode most pipe metals. At the other extreme are waters that deposit inert chemicals on the pipe and thus protect it from corrosion; with such waters any metal pipe will give long service—until the deposits seriously clog the pipe. There are other intermediate conditions, but all point to the necessity for making a careful survey of local experience with identical water, treated or natural, as the best general guide to the choice of piping materials for hot and cold water supply lines. Every kind of pipe—steel, wrought iron, lead, yellow brass, red brass and copper—has its uses and advantages. Each will give satisfactory and enduring service under proper water conditions. Note, however, that for waters which cause severe clogging, causing impairment of the system in a short time, the only cures are “water conditioning” or the use of oversized pipes.



CRANE



PERMUTIT



RUUD

**SUPPLY.** In localities where a community water supply is not available it is necessary to install one of the various available systems. The illustration above shows a deep well pump and tank, with automatic electric motor. Pumps of this type are also available with semi-automatic gasoline engine. Capacities range from 170 to 1000 gallons per minute.

**SOFTENER.** In many parts of the country, and especially in the West and Southwest, the water is often quite hard and may make some form of water softening almost mandatory. Even where conditions are not excessive, filtering and softening equipment, as seen in the sectioned illustration above, is a very desirable part of the plumbing system and a wise investment.

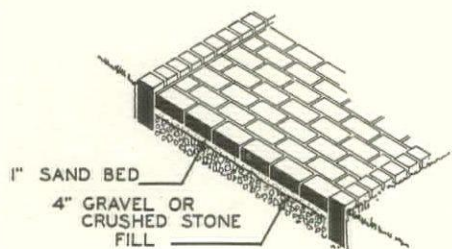
**HEATER.** This automatic gas-burning water heater is so attractively styled that it could fit into any laundry, basement or even kitchen scheme. Separate hot water heating systems must be provided when this item cannot be accommodated in the main heating system, whether for year round hot water supply or for Summer use only, when the boiler is not operating.



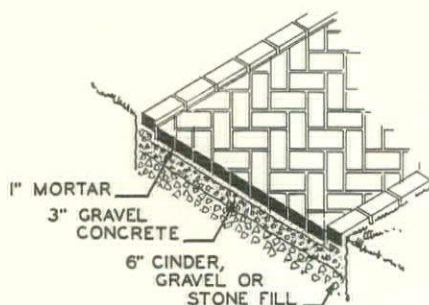
DECORATING TIP: "Always arrange a room to provide for conversational ease when entertaining." Quoted from the Portfolio of Ideal House Interiors in our April Double Number.

## PATHS, DRIVEWAYS

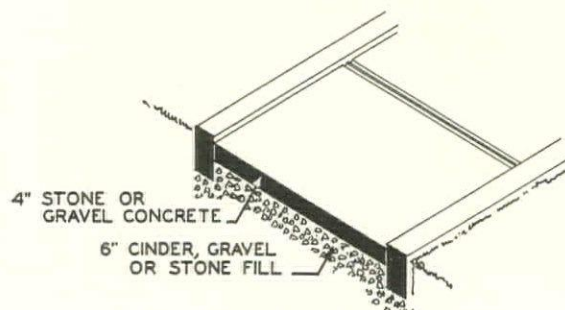
IT IS not necessary to go to extraordinary expense in building good paths and drives but, on the other hand, it is absolutely essential to build them carefully and in accordance with sound practice. No path or drive is any better than the foundation on which it is laid. The drawings on this page show six different kinds of paths, three different driveways, and the method in which each should be constructed. Note, however, that all of these assume, as the starting point of construction, a base surface of well-tamped earth. This earth surface must be level and firm, whether in filled ground or in a cut on the original soil, and any projecting boulders must be removed. After this initial step has been taken, proceed as indicated below.



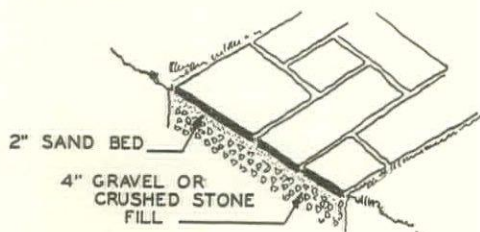
Brick walk,  $\frac{1}{8}$ " to  $\frac{1}{4}$ " joints, laid flat in sand on gravel or crushed stone (don't use cinders). Note edging of bricks, in this case shown set on end



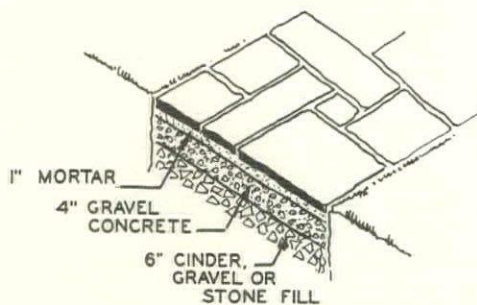
Herringbone pattern of brick laid in mortar (Portland cement and fine clear sand). Walks should pitch to one side  $\frac{1}{4}$ " to the foot, to drain properly



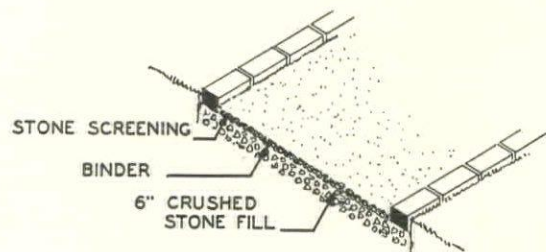
Concrete walk with surface trowelled smooth. As an alternative, let 4" of rough concrete set and apply topping of 1" cement mortar; concrete edging



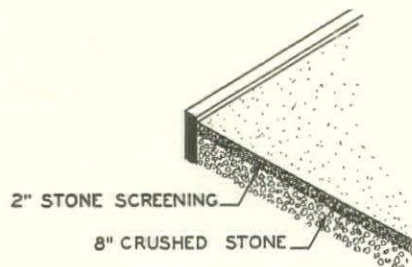
Flagstones, 18" to 30" in size, laid dry in sand. Stones should be 1½" to 2" thick; sand joints are usually ¾" to 2" wide—may be made wider if desired



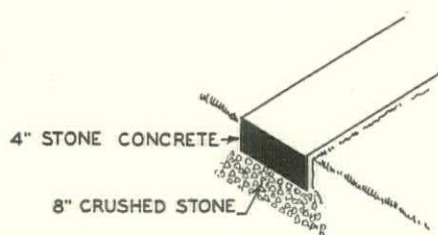
Flag paving, 7/8" to 1" thick, set in cement. If used wide, or as terrace, include wire mesh reinforcing in gravel-concrete course which may be 6" thick



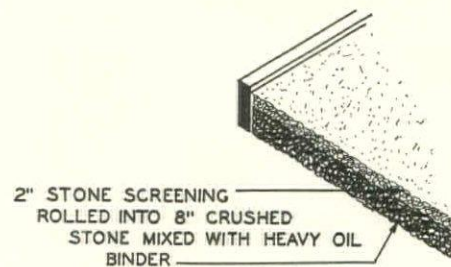
Crushed stone walk with brick edging. Minimum thickness 1½" stone screening. Binder is a heavy oil compound poured on stone fill. Tamp or roll



Driveway of crushed stone and stone screening. Surface should be rolled (10-ton roller), beginning at edge, as stone is applied a little at a time



Ribbon drive of concrete on stone. This is economical, useful for short distances. Same method of construction may be used for a full-width drive



Macadam drive is made by rolling crushed stone (10-ton roller), applying 1½ gal. binder per square yard, rolling in stone screening for surface



# Are you carefully planning an **OBSOLETE** home?

... A drafty fuel-waster? Prey to wind and rain?  
A "white elephant" you'll want to sell—and can't?



**At Little Or No Added Cost**

## Celotex Safety Sealed Construction

**gives you a better home—guards health—saves fuel  
—adds comfort—safeguards your investment**

ONCE YOUR NEW HOME is finished, decorations and equipment can be changed, but the walls and roof are there to stay. Mistakes made now can cut hundreds—even thousands—from the value of the finished home *even before it's finished!*

Yet for not more than a few dollars extra, you can be sure in advance of a home that's *really up-to-date*—better to live in, economical to heat, easier to finance and sell—by using Celotex Safety Sealed Construction.

Let your Celotex dealer tell you all about Celotex Safety Sealed Construction. He's an expert who can help you with every home building problem—can tell you how to pick a good architect, contractor and finance agency—and can help you get a better-planned, better-built home you can pay for like rent.

He'll gladly show you what Celotex Safety Sealed Construction is, and how it seals your home against rain, wind, sun and burning embers—seals it against summer heat and winter fuel waste—

and *vapor-seals* it to permit healthful humidity in winter without harmful condensation in the walls.

And he'll show you why this improved construction costs little or nothing extra—that the modern materials used are not just extras, *but replace materials you would otherwise have to buy*—and how any added cost should be returned within three years in fuel savings alone.

Visit your Celotex dealer today. He'll give you a free copy of the new Celotex Check Chart that helps you avoid obsolete construction—will help you check your plans against it—and will gladly answer any questions. See him now—or use the coupon without obligation.

### IMPROVE PRESENT HOMES EASILY!

If your home is already built, you can add cozy, attractive extra rooms—add comfort and modern beauty to existing rooms—and cut fuel bills—by applying Celotex Insulating Interior Finish direct to the framework or right over old plaster. It gives you insulation and decoration in a single material!

# CELOTEX

REG. U. S. PAT. OFF.

**WORLD'S LARGEST MANUFACTURER OF STRUCTURAL INSULATION**

The word Celotex is a brand name identifying a group of products marketed by The Celotex Corporation and is protected as a trademark shown elsewhere in this advertisement

**CELOTEX  
SAFETY  
SEALED  
CONSTRUCTION**

Celotex Triple Sealed Asphalt Shingles seal the roof against the elements. And 1-inch Celotex Vapor-seal Lath in top-floor ceiling seals it against summer heat, winter fuel losses and vapor condensation.

**ROOF SEALED**

**CEILING SEALED**

**INNER WALL SEALED**

**OUTER WALL SEALED**

Celotex Vapor-seal Sheathing outside the framework and Vapor-seal Lath inside, with "breathing space" between, give strong, wind-tight, fuel-saving sidewalls, correctly vapor-sealed.... providing guaranteed protection at low cost!



**SEND FOR FREE BOOKLET!**  
THE CELOTEX CORPORATION  
919 N. Michigan Ave., Chicago, Illinois

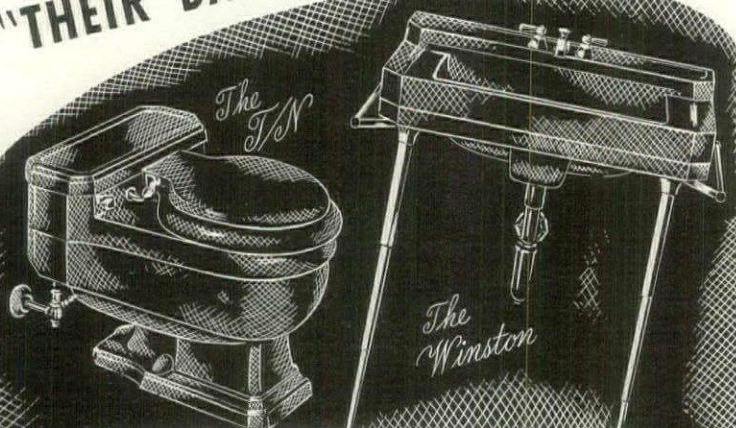
Without obligation, please send my free copy of the new Celotex Check Chart.  
Also send other information on ☐ Remodeling ☐ New Building ☐ Farm Buildings. BG 3-39

Name.....  
Address.....  
City..... County..... State.....





## "THEIR BATHROOM'S A BEAUTY"

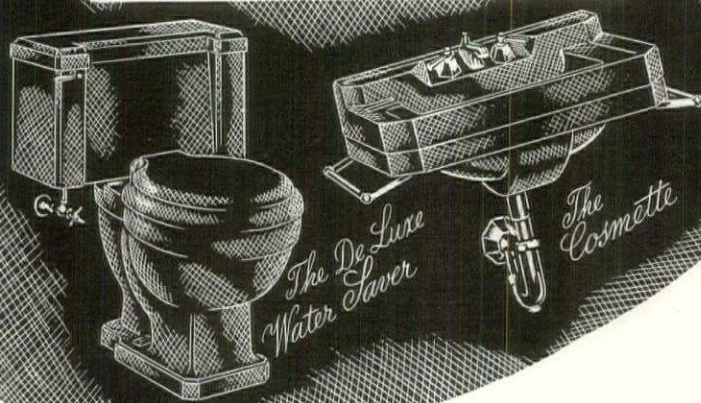


### Guests notice Case Fixtures

Want to lift your bathroom out of the "ordinary" class? Yes? Then have your master plumber, architect or contractor tell you about Case bathroom fixtures.

Case ware is looked upon as the finest product of the plumbing industry. You cannot choose fixtures of finer materials, nor more superb workmanship. In every way, they fulfill the desire for quality and lasting beauty.

Smartly designed, and available in unlimited colors, Case fixtures are naturally favorites for out-of-the-ordinary bathrooms. You'll find them in the finest homes, and yet Case bathroom fixtures are so priced you can easily include them in any budget.

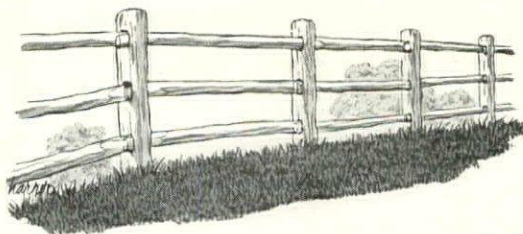


Case fixtures are on display at distributors' showrooms everywhere, and your master plumber will be glad to tell you about them. Helpful, illustrated information will be mailed to you if you'll send your name and address to Dept. K-39, W. A. Case & Son Mfg. Co., Buffalo, N. Y.

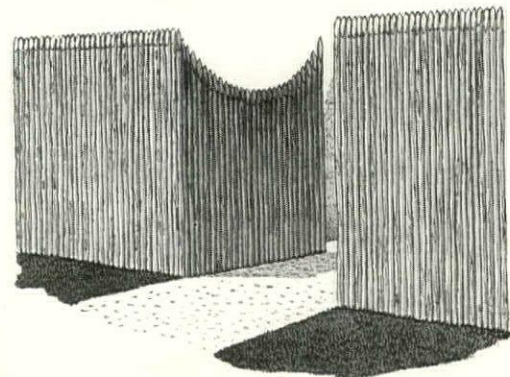
# CASE

DISTINCTIVE PLUMBING FIXTURES

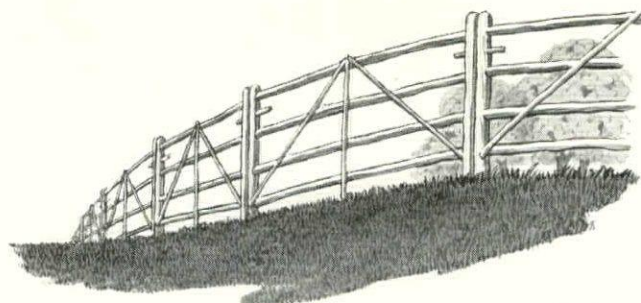
### TYPES OF GOOD FENCING



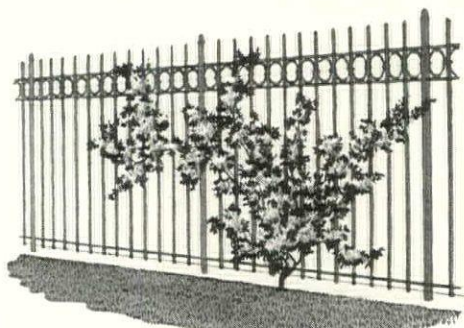
Obtainable in three- or four-rail sections, each section ten feet long. For rugged beauty and permanence, this hand-hewn chestnut fence is unexcelled. It is particularly suitable in hunting country. Dubois



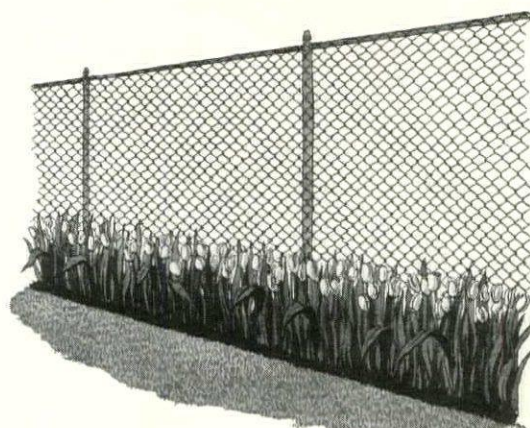
Made in France, this fence is fabricated of straight chestnut saplings, pointed at the tops and woven together with heavy copper wire. Available in various heights from 4 up to 10 feet. By Rusticraft



The popular and easily erected hurdle fence, made of split chestnut timber, the bottoms of posts treated with special wood preservatives as a guard against decay. Gates may be obtained to match. Rusticraft



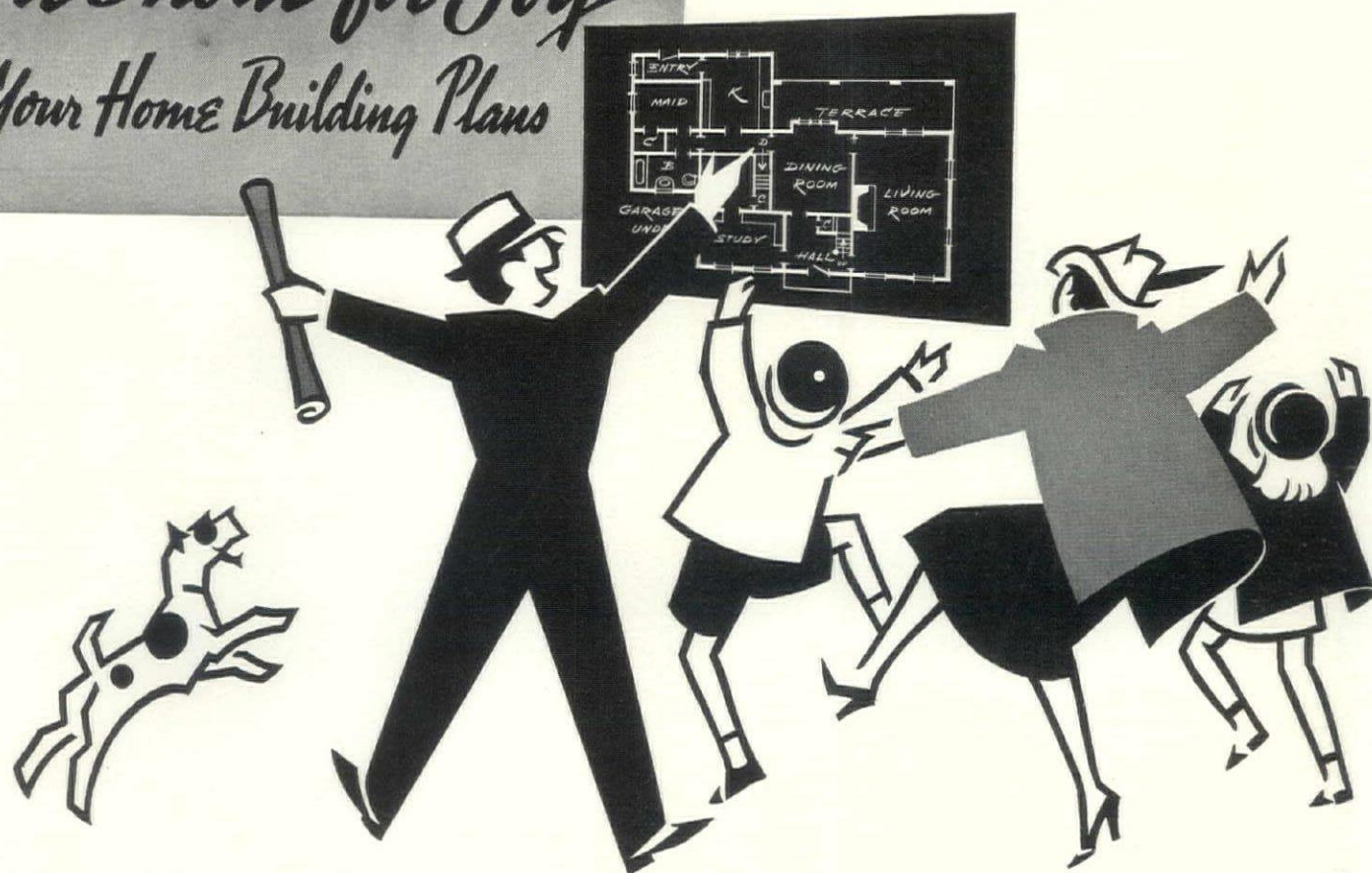
Standard design iron fence, especially adaptable where a degree of formality is desired together with the strength and security for which these electrically welded fences are famous. Anchor Post Fence Company



The chain link fence is justly popular where complete protection or partition is important. This fencing is copper-bearing steel, galvanized after weaving. Posts are topped by deep fitted caps. Pittsburgh Steel Co.



*You'll Shout for Joy  
Over Your Home Building Plans*



ENTHUSIASTIC HOME BUILDERS SING THE PRAISES OF "HOME OWNERS' CATALOGS" BECAUSE THIS UNIQUE VOLUME CONTRIBUTES SO EMPHATICALLY TO THE SUCCESS OF THEIR HOME BUILDING EXPERIENCES. "HOME OWNERS' CATALOGS" BRINGS THEM COMPREHENSIVE DESCRIPTIONS OF HUNDREDS OF RELIABLE PRODUCTS MADE BY WELL KNOWN MANUFACTURERS. IT IS COMPLETELY INDEXED AND BEAUTIFULLY ILLUSTRATED—LARGELY IN COLOR—AND FURNISHES A WEALTH OF INSPIRING IDEAS RELATING TO DESIGN, CONSTRUCTION AND FURNISHING. IF YOU ARE PLANNING TO BUILD—OR REMODEL—FOR YOUR OWN OCCUPANCY, EAST OF THE ROCKY MOUNTAINS, AND COMPLY WITH THE RESTRICTIONS GIVEN IN THE COUPON BELOW, YOU ARE ENTITLED TO RECEIVE A PERSONAL COPY OF "HOME OWNERS' CATALOGS"—WITHOUT COST OR OBLIGATION. IT WILL BE SENT BY MAIL—PREPAID.



THIS COUPON WILL BE THE START OF A HAPPY HOME BUILDING EXPERIENCE. THE ILLUSTRATIONS REPRESENT JUST A FEW OF THE COMPLETE SECTIONS CONTAINED IN "HOME OWNERS' CATALOGS."

## Home Owners' CATALOGS

PUBLISHED BY F. W. DODGE CORPORATION, 119 WEST 40TH STREET, NEW YORK, N. Y.

RESTRICTIONS—Home Owners' Catalogs will be sent only to owners who plan to build—or modernize—homes for their own occupancy within 12 months, in the 37 states east of the Rocky Mountains, costing \$4,000 or more for construction, exclusive of land. Every application must be accompanied by a personal letter giving (1) description of proposed home, (2) when you will build, (3) location, (4) expected cost, and (5) name and address of architect, if selected. EVERY APPLICATION WILL BE VERIFIED BY A DODGE REPRESENTATIVE.

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H. & G.—3-39

I hereby apply for a copy of Home Owners' Catalogs—which is to be sent prepaid, without cost or obligation—in accordance with above restrictions. My letter is attached.

Name.....Street.....

City.....State.....Phone.....





*For your new home*

## THE WINDOWS THAT NEVER NEED PAINTING—

● New upkeep savings, new window beauty, comfort and convenience are yours with Kawneer ALL-ALUMINUM or Bronze Sealair Windows. They provide any window opening with an architecturally correct and unusually appealing frame—always light and cheerful in effect as a real window should be. They admit more daylight with their strong, slender members. Accurately factory-fitted, they give extremely effective protection against wind, rain, dust and weather, which means extra comfort and fuel savings. And they always operate easily with practically no upkeep cost—for they cannot rust, swell, shrink, warp or rot out, and never require painting.

Best of all, moderate installed cost and amazing upkeep savings make Sealair Windows today's outstanding value! Hundreds of enthusiastic owners from coast to coast. Coupon brings data.

See Kawneer Windows in the Fire Safe Home, No. 19, New York World's Fair 1939.

# Kawneer

## SEALAIR WINDOWS

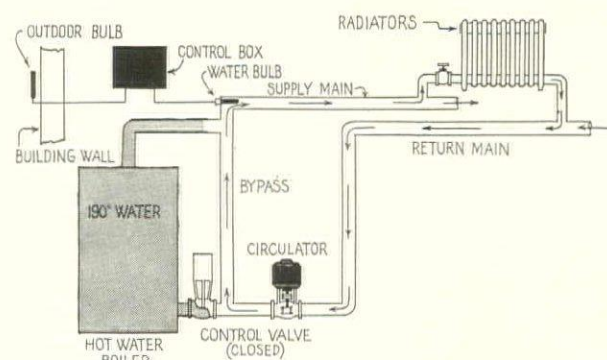
FOR ALL TYPES OF HOMES AND BUILDINGS

The Kawneer Company, Niles, Michigan: Please send illustrated booklet on Sealair Windows to: HG339

NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_

☐ Prospective Home Owner ☐ Architect ☐ Builder ☐ Material Dealer

# New Products



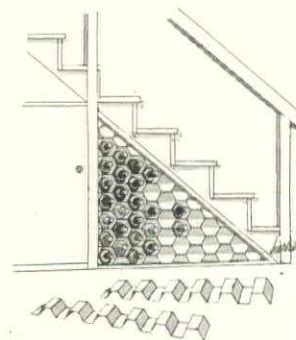
### For Hot Water Heating Systems

This circulator and control system can be applied to old or new hot water heating systems, whether fired by oil, gas or stoker. In effect it maintains any desired room temperature and eliminates sudden fluctuations due to the periodic heating and cooling of the system, or to sudden variations in outdoor temperature. In operation,

once the water is heated it is kept in circulation through the by-pass until it begins to lose its heat, or the outdoor weather becomes colder, when the control valve opens, allowing hot water from the boiler to enter the systems. Note that the controls are an important part of this system. The Hoffman Specialty Company.

### For the Home Wine Cellar

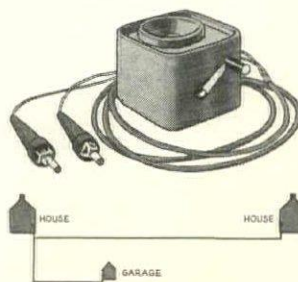
Made to measure for any given space, these honeycomb bottle-racks are shipped knocked down and ready for easy assembling. Hold bottles securely in individual cells, prevent spoilage by keeping corks wet. Price about \$20 per 100 cells. Plans and estimates may be had free of charge from the manufacturer. Herman Soellner, Inc.



### A Telephone Without Batteries

Designed originally for installation in such places as construction camps, lumber yards, docks, golf clubs, etc., this little instrument is ruggedly

built, intended for service under hard conditions. A twist of the handle signals the called telephone, and speech is transmitted over the wire without batteries. Voice vibrations on a diaphragm move an armature in a magnetic field, resulting in impulses which are transmitted over the wire. Could be used as an inter-room system but is primarily intended for longer distances, having been successfully tested over 200 miles of wire. Unit is portable, weighs 1 pound 14 oz. Costs \$26 per unit. Graybar Elec. Co.

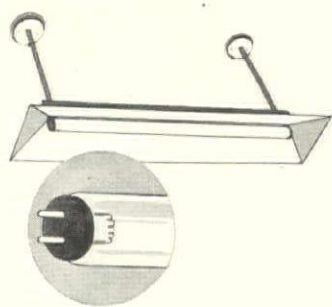




# New Products

## Fluorescent Lumiline Lamp

New to the residential field but already promising a great future, the fluorescent lamp is quite different in principle and in effect from the lamp of com-

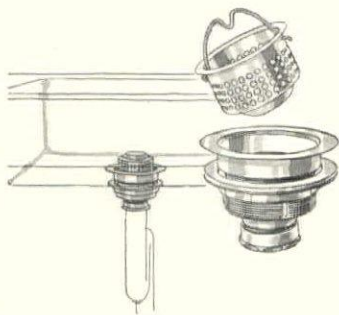


mon current use. These lamps employ a mercury vapor as the medium for sustaining the arc. The inside of the tube is coated with various fluorescent powders, depending on what color light is desired. Tube illustrated above is 36" by 1" and because of its extended surface and low surface brightness may be used exposed. The normal life of these lamps is approximately 1000 hours. A variety of special installations is available, comprising reading lamps, ceiling fixtures, dressing table lights, etc. Gruber Brothers

## Sink Strainer and Stopper

When the basket strainer is in place in its normal position, a slight twist of the handle opens or closes the drain promptly and positively. Has extra depth and no center knob, offers greater capacity and exceptionally fast drainage. Strainer is easily lifted out for emptying and may be placed upside down in the sink to serve as a non-clogging overflow while cleaning vegetables with running water. Chrome plated over nickel plate. For sinks with 3½" and 4" outlets, basket 2" deep. This attachment, which is

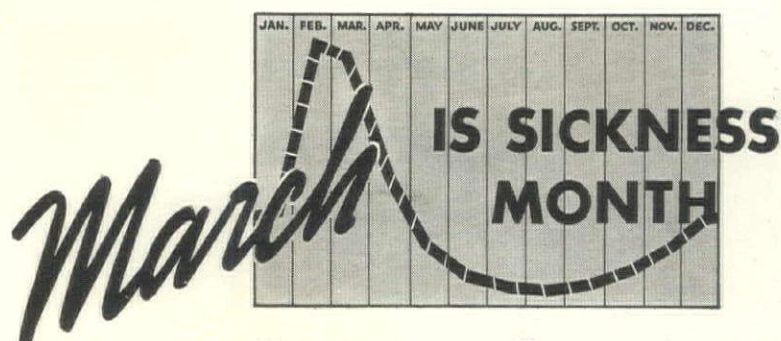
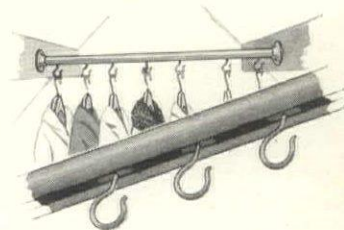
easily installed, has obvious advantages over the ordinary sink stopper. Obtainable from your local plumbing contractor. Bridgeport Brass Co.



## For Shower Curtain or Closet

The hooks of this curtain rod run on a concealed track within the rod itself, thus the finish of the rod is not marred by scratches, and even a heavy

curtain runs smoothly and easily. Available in either octagon or round style, complete with curtain, hooks and hold back. This fixture has been found extremely convenient installed in clothes closets. Hangers are hung from the hooks, move freely in the track, and keep properly separated from each other. Saves rumpled clothing, makes each hanger more easily available. Available in types to fit any installation condition. Obtainable through your plumbing contractor. Bridgeport Brass Co.



Have you a "DANGER ZONE" in your house?

by Crawford Heath

LOOKING BACK over the past few winters, how many in your family have had serious colds during February and March? How much have these two months cost in doctors' bills? Has it been difficult, if not impossible, to keep your whole house warm enough for comfort—although your fuel bills have nearly wrecked the family budget?

These two months, according to Government figures, account for 6% more cases of severe colds than the other ten months put together! And, although two chief causes of colds are known, few home owners have taken steps to remedy these costly, health-robbing conditions.

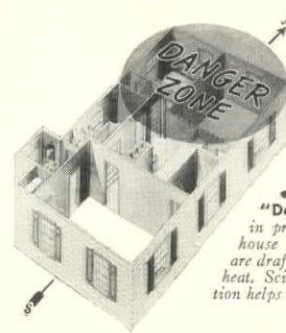
### Your Walls Are Like a Sieve

If your home is of typical construction (and uninsulated), all that stands between you and the weather is a ¾" layer of plaster, held in place by some form of fragile lath . . . a 4" hollow drafty air space . . . a thin layer of sheathing and, attached to that, an even thinner veneer of shingle or clapboard.

Since plaster is porous, room heat is sucked through it into the cold, hollow air pockets between your walls, quickly vanishing into "all outdoors." And, the more wind, the faster this costly, unhealthy process occurs. It is almost impossible to maintain proper, uniform temperatures in all rooms—floors and rooms are drafty—certain rooms become overheated—others, too cold for comfort. Result: frequent colds! Remember how doctors caution the sick to "avoid drafts" . . . "stay in bed to prevent radical changes of body temperature!"

An equally bad condition is caused by your attic, where all that separates house from sky is a fraction of an inch of shingles. Since warm air rises, room heat pours into cold attic spaces to be carried away—leaving drafty rooms behind.

In summer, the process is reversed. The



• There's a "Danger Zone" in practically every house where rooms are drafty and hard to heat. Scientific insulation helps correct it.

sun heats up walls and roof—often to 150°—quickly raising the temperature of the air in the empty wall and attic spaces. Again, the porous plaster transmits this heat into your rooms—making them stuffy—unbearably hot. At night, your oven-hot rooms cool very gradually, since the heat in wall and attic spaces escapes slowly.

### Insulate For Health and Economy

More and more, home owners are protecting their health and purse by insulating—and more houses are insulated with Johns-Manville Rock Wool than with any other product of its kind. This fluffy material—literally, wool blown from molten rock out of man-made volcanoes—is fully described in "Comfort that Pays for Itself," an interesting brochure—yours for the asking. As the ideal insulating material for walls and attics, with its millions of tiny air cells, J-M Rock Wool is an efficient barrier to the passage of heat or cold! One of the surest cures for cold rooms.

As pioneer in the business of curing cold houses by means of a unique method of blowing Rock Wool into empty attic and wall spaces, Johns-Manville is equipped, from the standpoint of products, experience and service, to bring year-round comfort that *pays for itself*. Why not let J-M Rock Wool Home Insulation stand between you and the weather?

Look in your classified telephone directory under "Insulation" for the name and address of the J-M Approved Home Insulation Contractor in your town. You can identify him by the J-M Trademark.



### WHY BE UNCOMFORTABLE, RISK COLDS, WASTE FUEL?

This valuable FREE BOOK will show you how to eliminate drafts, make your house warmer in winter and SAVE up to 30% of your FUEL BILLS.

"Comfort that Pays for Itself" is the most authoritative book on home insulation ever published. Tells the whole fascinating story of J-M Rock Wool—with simple explanations of the J-M method of insulating almost any kind of existing home. Shows importance of a complete job. Before you insulate your home, you need this book.

### MAIL COUPON TODAY

JOHNS-MANVILLE, Dept. HG-3  
22 East 40th Street, N.Y.C.

Please send me, without cost or obligation, your free book on home insulation—"Comfort that Pays for Itself." I am interested in insulating ☐ my present home, ☐ proposed new home.

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_

**JOHNS-MANVILLE ROCK WOOL HOME INSULATION**  
"Stands Between You and the Weather"





## This FIRESAFE CONCRETE HOME

was included in the National Representative Exhibit by the EDUCATION COMMITTEE OF THE AMERICAN INSTITUTE OF ARCHITECTS

FROM the millions of homes and buildings erected in the United States since 1918 one hundred and fifty were selected to represent American architecture to European architects. Among the residences chosen for this exhibit by the Committee on Education of the American Institute of Architects is the attractive home shown.

This home, designed for D. S. Colburn, of Highland Park, Illinois, by Gilmer V. Black, has concrete walls, floors and roof. It exemplifies the beauty concrete can help achieve for any style of home, modern or traditional.

### HOUSEKEEPING A JOY

Concrete gives structural qualities no home should be without . . .

## PORTLAND CEMENT ASSOCIATION

Dept. 3-20, 33 W. Grand Ave., Chicago, Ill.

A National Organization to Improve and Extend the Uses of Concrete

**HOW TO GET  
A CONCRETE  
HOME—**

Ask a Concrete Contractor or Concrete Masonry Manufacturer (see phone directory) for names of architects and builders experienced in concrete construction.

Write for a free booklet of attractive house design ideas.

**Firesafety; stormproof strength; durability . . .**

**Freedom from such costly annoyances as sagging walls, creaking floors, sticking doors and windows . . .**

**Warmth in winter, cool comfort in summer.**

### YOU SAVE MONEY

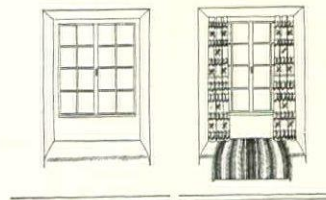
Any slight extra cost for concrete is more than repaid by savings in upkeep and high resale value. In three years, 35,000 people have chosen concrete for their new homes. Join these wise buyers and get the most for your money.

Concrete floors take any covering, wood, carpeting or linoleum, and are permanently firesafe, rigid, quiet and warm.

## Questions & Answers

### Curtain treatment in adobe ranch house

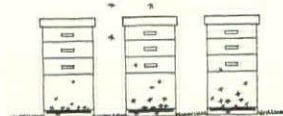
**Q.** WE ARE building an adobe ranch house which will have walls two feet thick, making the deeply recessed windows we admire so much. Furnishing the house on the basis of a few good Spanish pieces with a modern feeling in fabrics and hangings, how should the windows be curtained?



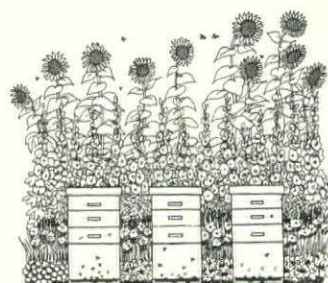
**A.** IN YOUR vicinity it should be easy to find an interesting selection of Indian textiles or linen woven with the vivid motifs of the familiar Indian warrior heads, the god Quetzalcoatl, or Mexican cactus. Use a native fabric for the curtains, having them hang to the window seat. On the seat itself put a colorful woolen serape with stripes running vertically to add a modern touch.

### Planting to insure a bountiful beehive

**Q.** I HAVE recently acquired three beehives and in planting my garden am anxious to select nectar-producing plants. What do you suggest?

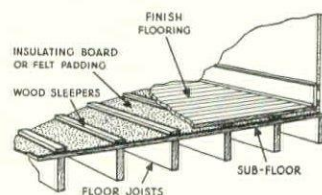


**A.** TO ENCOURAGE the worker bees to start on their rounds, plant a perennial border of Catnip, Sage, Lavender, Hyssop and Thyme; for medium-height plants include several varieties of Veronica, Gaillardia, Cleome, Asters, Manardina and Marigolds. Tall-growing plants which supply ample pollen are Sunflowers, Hibiscus and Hollyhocks. The honey should also embody the lush, palate-pleasing flavor of Sage, Wild Raspberry and Clover.



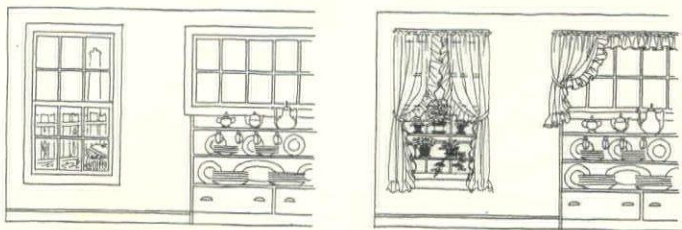
### Construction of a floating floor

**Q.** IN LAYING a floating floor to insure a sound-proof room, is it true that there is no solid connection between the finished floor and rough flooring? If the two are not nailed together, will this type of construction still have a solid effect to people walking over it?



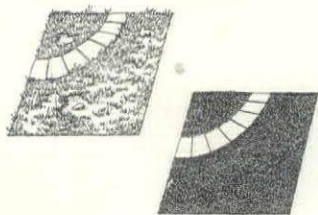
**A.** AS YOU will see by the sketch, the sub floor rests on sound deadening materials which keep the finished floor from any direct contact with the joists. The finished floor is nailed to the "sleepers" but not to the insulating material or floor joists. A floating floor has the usual solid feeling that most well constructed floors have, and by placing insulating material between the floor joists and the wood sleepers, sound is not transferred from the finished floor to the rooms below.



*Odd size windows—unattractive view*

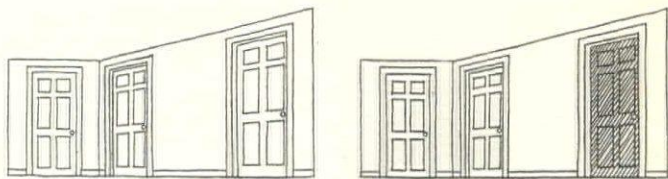
**Q.** MY DINING room has two windows which are very much out of proportion. The tall, narrow window looks out on a most unattractive view and the other one is wide and placed high enough so that I can use an open-shelved china cabinet underneath. I should like to cover the narrow window completely but I need the light. What kind of draperies should I use?

**A.** THESE windows should be treated very simply with tie-back, ruffled curtains of ninon, net or marquisette—overdraperies are not practical because of the respective window positions. Blot out the undesirable view by placing across the bottom sash two or three glass shelves, which will at the same time admit the necessary light. Potted plants or amusingly shaped colored bottles will be effective here.

*Another angle on growing turf*

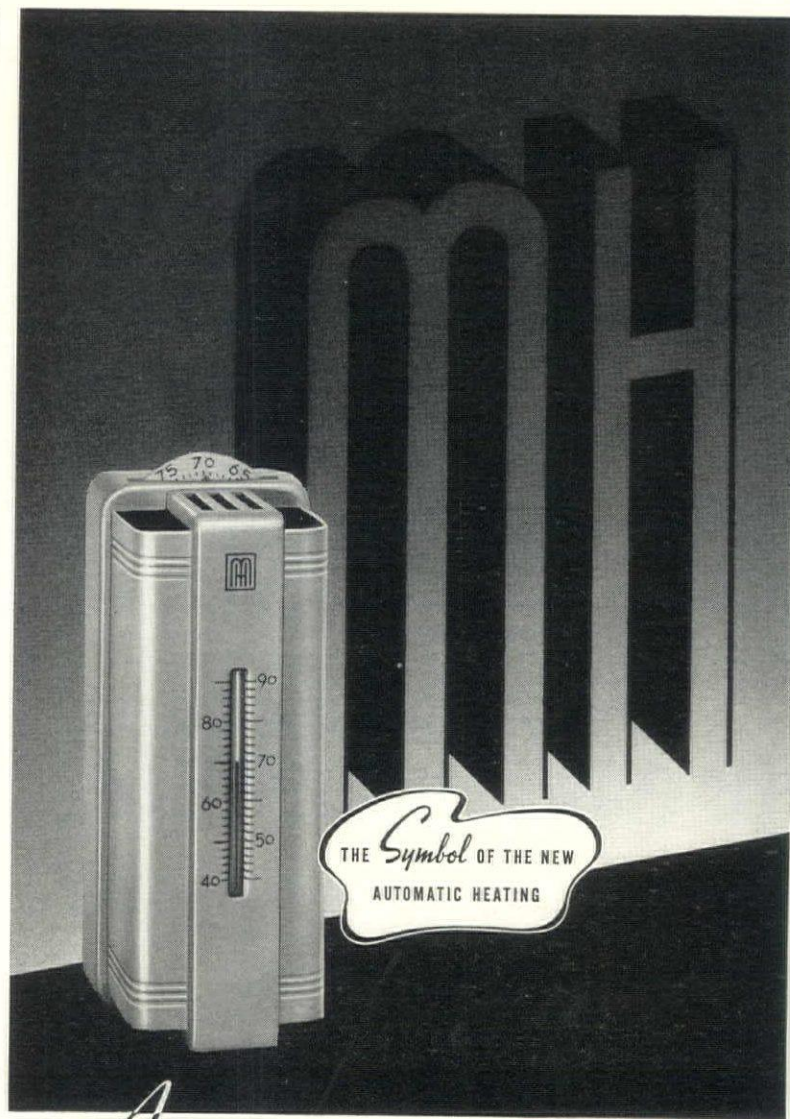
**Q.** RECENTLY I have heard of a moss which has been used for a lawn instead of grass—*Sagina subulata*. What are its advantages and is there any similar plant which would make a good ground cover in a fairly secluded spot?

**A.** *SAGINA subulata* is a perennial evergreen herb which came originally from Corsica. It has moss-like foliage and bears a profusion of tiny white flowers. A tufted plant, it is often found in rock gardens and is particularly useful where prostrate growth is needed. Another type of lawn can be made with Camomile (*Anthemis nobilis*), which will withstand rolling and mowing and with proper care and nurturing will make a good turf. The area on which a Camomile lawn is planted should be fairly moist and protected—you will have no luck with a wind-swept or dry plot.

*Painting or pickling different hall doors*

**Q.** I SHOULD like to have your opinion on the treatment of the three doors leading off my long narrow hall. The walls are painted a soft gray-blue and the woodwork is white. The library is panelled in pickled pine and the door leading into it from the hall is almost always open. Would it be objectionable to leave this pine or should it be painted to match the dining room and kitchen doors? They are white like the woodwork.

**A.** BY ALL means have the library door treated with the same pickled finish as the paneling. Even though it doesn't match the other two doors when shut, it is definitely part of the library and upon entering the hall you will be immediately aware of its character. Your color choice for the hall walls seems good.



*Irons out . . .*

**HEATING PEAKS AND VALLEYS****THE ACCELERATOR DOES IT!**

THE BEST conventional Thermostat in the world can't prevent fluctuations in the modern heating system—"Peaks and Valleys" that bring alternate over-heating and under-heating in any home. Automatic firing demands a quick-acting, positive control that has the ability actually to sense temperature changes before they occur and to meet them by speeding up or slowing down burner operation. The M-H Acratherm, with its exclusive Accelerator feature, is the only modern thermostat capable of this almost uncanny heating "foresight". Get the new efficiency and comfort the Acratherm brings, by installing it on your present heating system. Ask your heating dealer about it and the new series of M-H Controls which have brought a world of new comfort to home heating in the past five years. Look for the M-H Symbol when you buy controls for new or existing equipment. Minneapolis-Honeywell Regulator Company, 2790 Fourth Avenue South, Minneapolis, Minnesota.

**MINNEAPOLIS-HONEYWELL**

BROWN INDUSTRIAL INSTRUMENTS

*Control Systems*

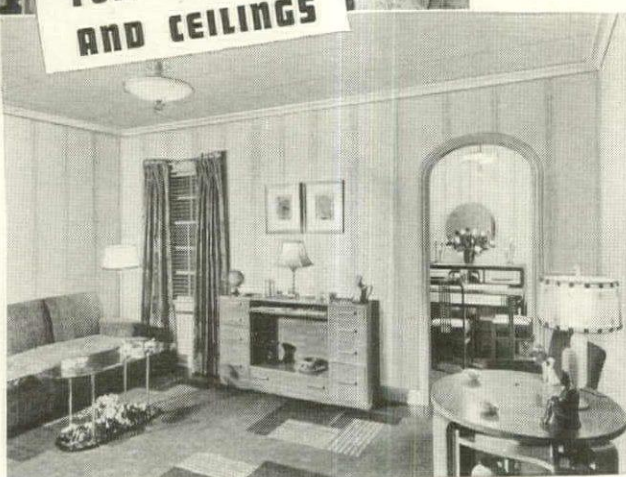


# ABSOLUTELY NEW!

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**FOR WALLS  
AND CEILINGS**



MASONITE COLORED WALLS can be executed with plain, tile or plank effects. MASONITE PATTERNED CEILINGS, in color, offer hundreds of optional designs to suit your taste.

• Oyster White, Ivory, Green, Buff . . . these glorious, popular pastel colors are now available for your home on three famous MASONITE Products. MASONITE INSULATION, MASONITE QUARTERBOARD and MASONITE PATTERNED CEILINGS can be installed in your home with the color already applied.

This smooth, satin-like finish is a brand-new color process, developed for exclusive use on MASONITE Products. It will last for years, and it's washable with a neutral soap and damp cloth.

Now, in one board, with one application, you get the valuable structural properties and the top MASONITE quality, plus the permanent beauty of today's most desirable colors.

Before you build or remodel, write immediately for a sample of this newest MASONITE development. Mail in the coupon, checking the color you wish.



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THE WONDER WOOD OF A THOUSAND USES  
A MISSISSIPPI PRODUCT  
SOLD BY LUMBER DEALERS EVERYWHERE

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111 W. Washington St., Chicago, Ill.

Please send me a sample of MASONITE COLORED BOARDS in

☐ Oyster White ☐ Ivory (Check one) ☐ Green ☐ Buff

Name \_\_\_\_\_

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City \_\_\_\_\_

State \_\_\_\_\_

## DIRECTORY OF MANUFACTURERS

For further details, prices, etc., of materials shown, apply to your local dealer or direct to the manufacturer

### FOUNDATIONS PAGE 4

American Brass Co.  
Barrett Co.  
Lone Star Cement Corp.  
Portland Cement Association  
Revere Copper & Brass Inc.

### FRAMING PAGE 6

Weyerhaeuser Sales Co.

### EXTERIOR WALLS PAGE 8

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Johns-Manville Corp.  
Marsh Wall Products Co.  
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Red Cedar Shingle Bureau  
Ruberoid Co.  
U. S. Plywood Corp.

### ROOFING PAGE 10

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Creo-Dipt Co. Inc.  
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### INSULATION PAGE 12

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Wood Conversion Co.

### WINDOWS PAGE 14

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Libbey-Owens-Ford Glass Co.  
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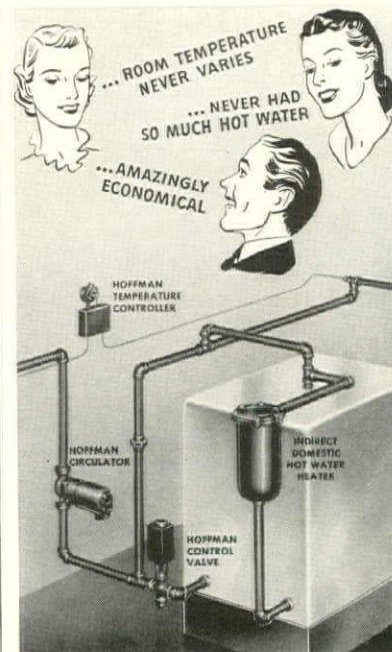
### WALLS & CEILINGS PAGE 16

Armstrong Cork Products Co.  
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Columbus Coated Fabric Corp.  
Congoleum-Nairn Inc.  
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U. S. Plywood Corp.  
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Wood Conversion Co.

### FLOORS & TRIM PAGE 18

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Curtis Companies Inc.  
Delaware Floor Products Co.

(Continued on page 43)



## HOME BUILDERS EVERYWHERE ARE EXCITED ABOUT THIS NEW KIND OF HEAT

No excuse now for a stuffy, over-heated home, or chills because your heating system can't keep pace with the weather. Hoffman Hot Water Controlled Heat—a marvelously sensitive new kind of control system—positively assures you of an even, comfortable home temperature from Fall to Spring. Automatically! And at the same time furnishes all the domestic hot water you can use, in summer as well as winter. More economically than you ever dreamed possible.

### CONTROLLED BY THE WEATHER

Hoffman Hot Water Controlled Heat continuously circulates hot water to the radiators. A balanced system of controls, actuated by outdoor as well as circulating water temperatures, measures out hot water from the boiler so accurately that radiators are always just hot enough to maintain uniform room temperature.

Any type of oil, gas or stoker-fired hot water system can be equipped with Hoffman Hot Water Controlled Heat units. Whether you are building or modernizing, get the facts first on this revolutionary comfort-economy system.

## HOFFMAN Hot Water CONTROLLED HEAT

Hoffman Specialty Co., Inc., Dept. HG-3  
Waterbury, Conn.  
Send me your free booklet on Hoffman Hot Water Controlled Heat.

Name \_\_\_\_\_  
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FOR YOUR NEW HOME

*Andersen*WEATHERTIGHT  
WOOD CASEMENTS

ADAMEO AND JUVET

WHEN you awake to the first glorious spring morning in your new home and fling the casements wide "to let day in," you will thrill to the loveliness of Andersen Casement Windows. There's a romantic charm about wood casements that has grown through centuries of old-world tradition. In Andersen Wood Casements you will find all the old-world charm, *PLUS* the weathertight features so necessary for modern air-conditioned homes.

Whether it is the cozy air of a peeping cottage dormer or the gay charm of a living room bay, Andersen Wood Casements add that friendly, inviting touch so vital to the hospitality of a truly livable home.

## AND NOW—THE PRACTICAL SIDE

## HEAT LOSSES CUT 60%

Inside double glazing (storm windows) available on Andersen Wood Casements reduces heat loss by radiation 60%. Controls condensation. Ideal for both winter and summer air-conditioning. Efficient bronze weatherstripping cuts additional heat losses by leakage, keeps out seeping dust and dirt.



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Andersen Wood Casements are outswinging. Extension hinges allow you to wash BOTH sides of the window from inside the house. Screens are installed inside. Positive sash operators open and hold window in any position. The window can be open and closed without disturbing screen, venetian blinds, draperies or curtains.

**FREE** Get full details about Andersen Windows before you build or remodel. Send for free booklet:

"COMFORT AND BEAUTY WITH ANDERSEN WINDOWS"

ANDERSEN CORPORATION HG39  
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Please send me your free booklet: "Comfort and Beauty with Andersen Windows." This does not obligate me in any way.

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Address.....

City..... State.....

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(CONTINUED FROM PAGE 42)

Morgan Millwork Co.  
Tile Manufacturers' Association  
Uvalde Rock Asphalt Co.  
**DOORS & HARDWARE** PAGE 20  
American Plywood Corp.  
P. & F. Corbin  
Curtis Companies Inc.  
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The Stanley Works  
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**WIRING** PAGE 22  
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**LIGHTING** PAGE 24  
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**HEATING** PAGE 26  
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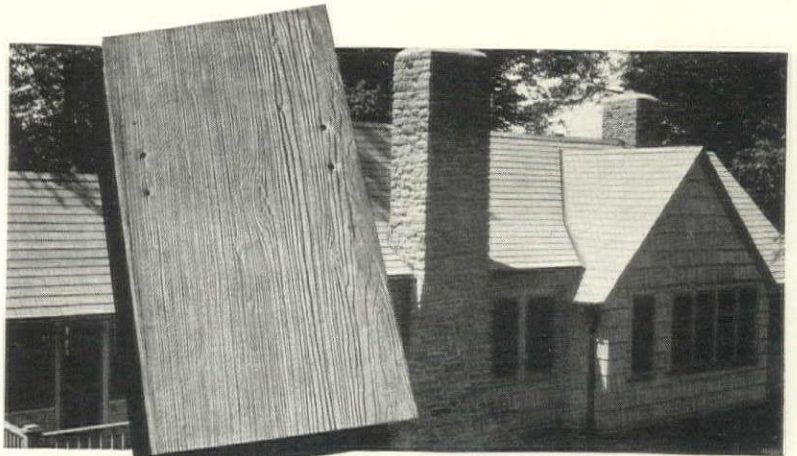
**BATHROOMS** PAGE 28  
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**LAUNDRIES** PAGE 32  
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Kohler Co.  
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**PLUMBING** PAGE 33  
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Permutit Co.

# Clues to GOOD BUILDING



**ROOFING...** Tapered Timbertex pictured. Other types and styles available. See "Home Hints."

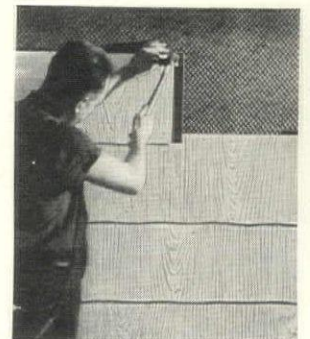
These Ruberoid clues to good building lead you to comfort, protection against fire and weather, low-cost maintenance and reduced fuel bills.

Clue No. 1 is Eternit Tapered Timbertex Shingles for the roof. You have the charm of cypress in beautiful wood tones. You have a shingle that is rotproof, fireproof and time-defying—made from asbestos-fibres and Portland cement. Or in asphalt—Ruberoid offers "Wood Grain" Textured Thick Butts. Beautiful colors, extra weather protection, deep shadow lines, at a moderate price.

Clue No. 2 is Eternit Timbertex Siding. You have a choice of Colonial or Thatch design, white or in colors. You have all the features of Timbertex roofing shingles in a long-lived, termite-proof siding that requires no paint or stain to prolong its life.

Clue No. 3 is RU-BER-OLD Rock Wool Insulation. You keep your home cool in summer, warm in winter and reduce fuel costs. You have insulation that is fireproof, verminproof, that offers excellent sound-deadening and acoustical qualities.

See these and many other clues to good building in The Ruberoid Co.'s building booklet, "Home Hints." Every prospective home-builder—everyone who plans to modernize—should have a copy. Send for yours today. Mail the coupon.



**SIDING...** Colonial Timbertex pictured. Thatch Timbertex and "brick" type sidings also available.



**INSULATION...** Giant bats pictured. Other forms of Rock Wool Insulation obtainable.

# RU-BER-OLD

ROOFING AND BUILDING PRODUCTS

THE RUBEROID CO.  
500 Fifth Avenue, New York, N.Y. H.G. 3-39

Send free Building and Modernization Booklet, "Home Hints". I plan to build ☐ I plan to modernize ☐

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Address.....

City..... State.....

**FREE  
BUILDING BOOK  
"HOME HINTS"**



Have unfailing comfort  
and savings  
with Balsam-Wool  
**LIFETIME  
INSULATION!**



**ON THE THRESHOLD** of happy married life in their new home, the Smiths chose the insulation of *lasting efficiency*—the kind that assures unfailing comfort and fuel savings. It's Balsam-Wool, of course—the lifetime insulation!



**THE YEARS GO ON**—but Balsam-Wool stays proof against all the enemies of insulation efficiency. It is *sealed* against moisture—non-settling—windproof—highly fire-resistant—protected from rot and termites. And today costs 50% less to apply!



**GENERATIONS OF SATISFACTION** will be yours with Balsam-Wool, in new construction or in your present home. Balsam-Wool Attic Insulation for existing homes costs amazingly little—is quickly applied—and carries a *money-back guarantee*. Mail the coupon today!

**Balsam Wool**  
THE LIFETIME INSULATION

Balsam-Wool... Products of Weyerhaeuser... Nu-Wood  
WOOD CONVERSION COMPANY  
Room 115-3, First National Bank Bldg.  
St. Paul, Minnesota

Gentlemen:  
Please send me further information on Balsam-Wool for  
☐ New Construction  
☐ My present home

Name .....

Address .....

City..... State.....

## BOOKLETS

Just write to the addresses given for any of  
the interesting booklets listed here and in  
Section I. They're free unless otherwise specified.

### Building and Home Equipment

**OLD ENGLISH THATCH** describes the charm and lasting protection of an individual type of roofing, made of chemically treated Palmyra Reeds. This thatch, approved by the F. H. A., is now in its second year in the United States, and is said to have a rated life in England of 350 years. **OLD ENGLISH THATCH**, DEPT. G-3, STAMFORD, CONN.

**HODGSON HOUSES AND CAMPS**, catalog of a manufacturer who has been producing prefabricated homes since the "gay 90's", shows photographs, floor plans, prices of attractive ready-to-put-up homes—and includes camp equipment, garages, kennels and playhouses. **E. F. HODGSON CO.**, DEPT. WG-3, 1108 COMMONWEALTH AVE., BOSTON, MASS.

**WHY PEOPLE LIKE Concrete Homes** speaks volumes for houses built of concrete. It shows 30 livable homes—both traditional and modern—designed by well-known architects. If you're about to build, you'll find the floor plans and construction details helpful and useable. **PORTLAND CEMENT ASSN.**, DEPT. 3-20, 33 W. GRAND AVE., CHICAGO, ILL.

**THE LITTLE WHITE BOOK** shows charming white houses, including many prize-winners. Interesting, too, is the story of Cabot's Collopakes, suitable for all kinds of surfaces—wood, brick, plaster, stucco and cement. **SAMUEL CABOT, DEPT. G-3, OLIVER BLDG., BOSTON, MASSACHUSETTS.**

**A GUIDE TO BETTER HOMES** goes into helpful details about roofing shingles of many types—siding shingles—home insulation—methods of damp-proofing. It's a booklet full of important information, if you plan to build. **THE PHILIP CAREY CO.**, DEPT. U-9, LOCKLAND, CINCINNATI, OHIO.

**MAKE COMFORT AND BEAUTY** a Reality in Your Home. A convincing picture-story about ready-to-install and made-to-order wood casement and double-hung windows, designed to meet all building and remodeling needs. **ANDERSEN CORP.**, DEPT. HG-39, BAYPORT, MINN.

**BETTER WINDOWS** is a booklet about the modern Light Sealair Windows, with solid aluminum or bronze frames that will not rust, warp, swell, shrink or rot. As the many photographs show, they fit with beauty into any type home, Colonial to Modern. **KAWNEER CO.**, DEPT. HG-339, NILES, MICH.

(Continued on page 46)

your house will be

# A Joy for Years

... painted with  
this whiter white



House at New Milford, Conn., painted with Cabot's **DOUBLE-WHITE**. Architect, H. P. Staats, N. Y. C.



Cabot's **DOUBLE-WHITE** used on house at Seattle, Washington. The Architect is J. Lister Holmes.

Paint with Cabot's **DOUBLE-WHITE** this Spring—and your house will be whiter than its neighbors for years to come. **DOUBLE-WHITE** stays white because it is not affected by the atmospheric gases which soon give many whites a dingy yellowish or grayish tinge. Furthermore, our patented Collopaking process divides the pigments hundreds of times finer than ordinary methods. As a result, **DOUBLE-WHITE** also has greater hiding power and longer life.



**FREE: The Little White Book.** Contains full information, and shows pictures of many prize-winning houses painted with Cabot's **DOUBLE-WHITE**, *Old Virginia White* and *Gloss Collopakes*. Write for your free copy today. **Samuel Cabot, Inc.**, 1202 Oliver Building, Boston, Mass.

## Cabot's

# DOUBLE-WHITE

and Gloss Collopakes

(COLLOIDAL PAINTS)



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Please send me full information about the M-H Water Circulator.

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**HAVE** you radiators in your house that do not heat properly? Do you have to wait a long time for the house to heat after the fire gets low over night? Would you like to add an extra radiator or two but feel your present system won't stand it? Would you like to have plenty of hot water the year round for baths, dishwashing, etc.? Then install the revolutionary, new M-H Water Circulator. It will increase the efficiency of a sluggish hot water system tremendously and on new construction will save its cost by the use of smaller piping throughout the entire system. With an automatic burner—oil, gas or coal—great economy of operation will result. Any heating dealer can easily install the M-H Circulator. The coupon will bring full information.

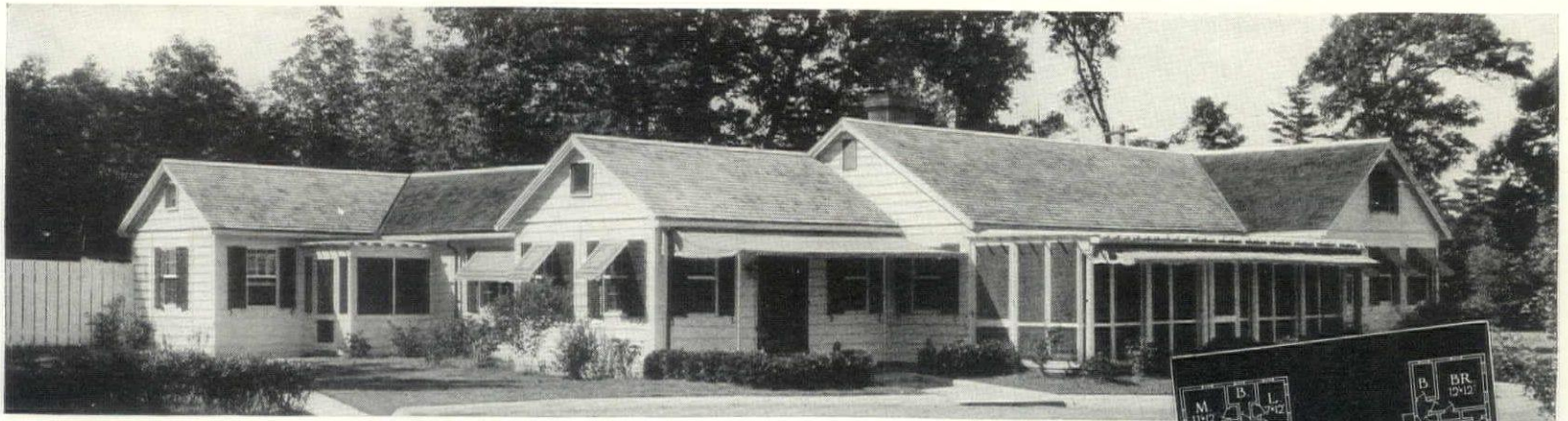
### TO THE HEATING TRADE

We believe you will be interested in learning about the superior advantages of the M-H Water Circulator. Ask for all the facts. Mail the coupon.

## MINNEAPOLIS-HONEYWELL

### Packless Seal Circulator





## FROM HOUSE PLANNING TO HOUSEWARMING WITHIN A MONTH . . . BY HODGSON

It's a homier house and a pleasanter one when you've had a part in its planning. Hodgson lets *you* dictate your house, large or small, then delivers it in completely painted, insulated and carpentered sections.

Without disturbing the surrounding grounds, without bother or delay, it is erected quickly and can be ready for occupancy within less than a month of the day you decide to build. Hodgson Houses are *backed by over forty years of prefabrication experience*. Rot-proof. Weather-proof. Extra rooms easily added.

There is a Hodgson design to harmonize with your location. Large summer houses. Lovely little New England cottages. Delivered anywhere. Visit the furnished Hodgson exhibits at Boston, New York, or Dover, Mass. Also pre-fabricated camp houses, kennels, playhouses, greenhouses, etc. Or write for Catalog WG-3.

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E. F. HODGSON CO. • PIONEER IN PREFABRICATION  
1108 Commonwealth Ave., Boston, Mass. • 730 Fifth Ave., New York

## The April Issue

OF

### HOUSE & GARDEN

A double number  
featuring in



#### SECTION I

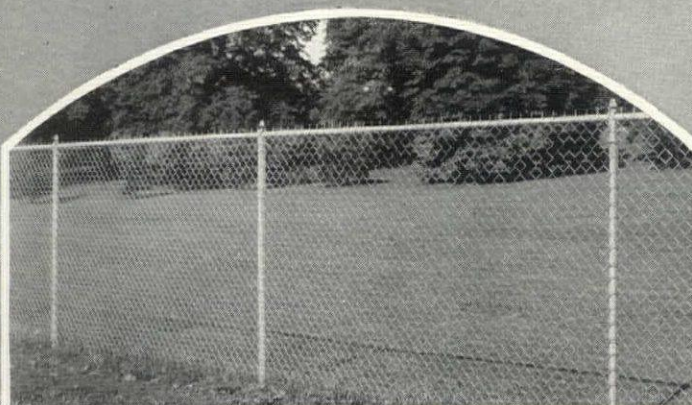
#### Spring Decoration and Gardening



#### SECTION II

#### Portfolio of 100 Interiors and 4 Ideal Houses

will be on sale at your  
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Anchor Fences give *permanent* protection against trespassers, picnickers, short cut seekers; keep the children off the streets, protect lawns and shrubbery. They always stand straight and true because their deep-driven "anchors" spread out below ground and keep the posts permanently in line in any type of soil regardless of frosts or thaws.

For nearly half a century, estate and home owners have relied on Anchor Fences and the careful skill of Anchor's Nation-Wide Erecting Service for the correct solution to their fence problems. Write today for Anchor Fence Manual and address of nearest Anchor Branch Office.

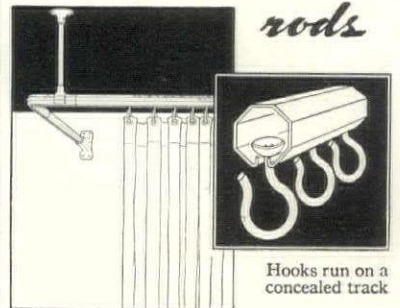
(Above) The clean-cut lines of Anchor Chain Link Fence blend harmoniously with landscaping. Anchor's complete line of fences also includes Iron Picket and Rustic Wood Fences in many striking designs.

**FREE ANCHOR FENCE MANUAL**  
Write today for the Free Anchor Estate and Suburban Fence Manual. You'll find it rich with ideas, plans, specifications, for solving your fencing problems. Anchor Post Fence Co. 6553 Eastern Ave. Baltimore, Md.

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CHAIN LINK  
IRON PICKET  
RUSTIC WOOD

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Hooks run on a concealed track

Building a new house—or modernizing? Don't fail to include Traxrod, the newest idea in shower curtain rods. Traxrod is not only brightly decorative but more convenient and safer than you thought any rod could be. The hooks are part of the rod—attached inside on a concealed track. No yanking or pulling to swing a shower curtain back. No loose or lost hooks. No pricked fingers from sharp pins. The hooks slide along the track with almost roller-like ease. Strong enough to support your weight and prevent falling. It's a growing favorite among architects and interior decorators. Can be installed in a few minutes' time. Send for a Descriptive Folder.

FOR LATEST IDEAS in kitchen modernization see page 48

"Bridgeport"

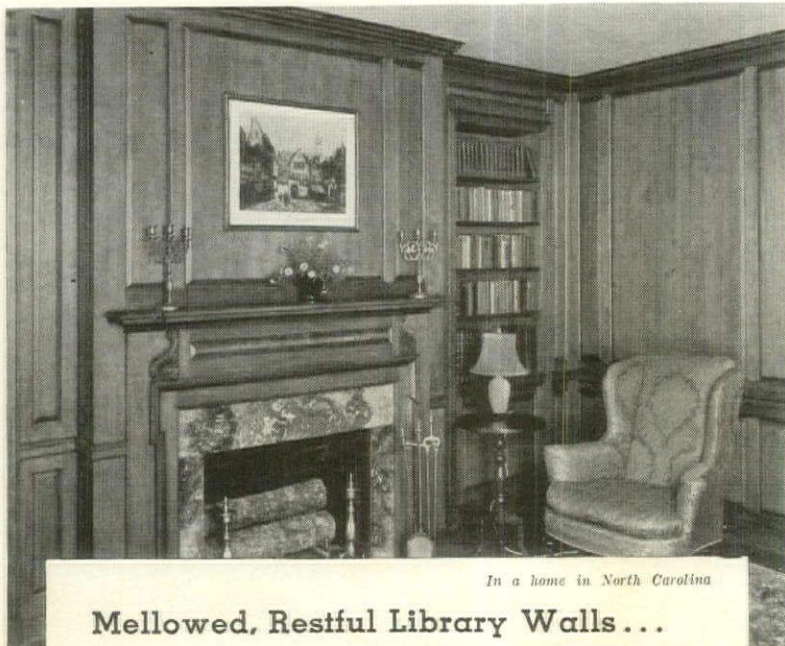
### BRIDGEPORT

BRASS COMPANY  
Established 1865 Bridgeport, Conn.

BRIDGEPORT BRASS COMPANY  
Dept. E-1 Bridgeport, Conn.  
Gentlemen: Please send me your Descriptive Folder on Traxrod.

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City \_\_\_\_\_ State \_\_\_\_\_





In a home in North Carolina

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### achieved with **WESTERN PINES\***

BEAUTIFULLY smooth and clear in grain, these built-up panels of Pine create an atmosphere sympathetic to fine and well-loved volumes. They have been aged with a stain of thinned asphaltum. And this is but one of many ways in which these versatile, soft-textured woods can assume their place in your home... painted or enameled to a mirror-like luster; waxed to a friendly glow.

**FREE!** A portfolio of photographs which should smooth many problems that come with building or remodeling. Write today for "Western Pine Camera Views for Home Builders." Western Pine Association, Department 50-J, Yeon Building, Portland, Oregon.

**\*Idaho White Pine \*Ponderosa Pine \*Sugar Pine**

**THESE ARE THE WESTERN PINES**

## Free Helps On Heating Caution No. 16

If you are thinking of building a home, then you will be particularly interested in the helpful article in this issue on cautions about the materials to use in its building.

If remember right, Caution Number 16 is about heating. Maybe you missed it. If you did, better look it up, then send for our free book of Home Heating Helps.

In a friendly, easy-to-understand way, it tells how Air Conditioning can be yours for a small expenditure. How to avoid cutting your floor, baseboard and walls for grilles is shown.

Tells how to overcome the necessity of room taking heat ducts in your basement. How to have the one heating source give you not only economical Cosy Comfort Heat, but a constant supply of hot water for kitchen and baths.

30,000 home builders that we know about have found this Home Heating Helps book of great value. Such being so, feel we are warranted in urging your sending for it.

**BURNHAM BOILER CORPORATION**  
Irvington, N. Y.      Zanesville, Ohio

# Burnham Boiler

## BOOKLETS

(CONTINUED FROM PAGE 44)

**WESTERN PINE CAMERA VIEWS** shows the versatility of Western Pines—their beauty of grain and texture—their uses in mouldings, carvings, stairs. It is a portfolio of fine photographs, of great interest to builder or remodeler. **WESTERN PINE ASSN., DEPT. 50-J, YEON BLDG., PORTLAND, OREGON.**

**"WILLIAMSBURG" ASBESTOS SHINGLES** pictures a new fireproof shingle created for the architects of the Colonial Williamsburg Restoration. It has the mellow, weathered look of early American hand hewn wood shingles—but with every modern advantage. **MOHAWK ASBESTOS SHINGLES, INC., DEPT. G-3, 101 PARK AVE., N. Y. C.**

**PLANNING the World's Easiest-to-Keep House**, by Constance Holland, tells the story of the modern, drudgeless home every woman dreams of, with helpful information on the selection of your range, refrigerator, house and water heating units. **AMERICAN GAS ASSN., DEPT. HG-45, 420 LEXINGTON AVE., N. Y. C.**

**WHEN GUESTS ARRIVE...** is your bathroom a source of pride to you? asks a pertinent pamphlet which describes the quiet, water and space saving T/N one-piece water closet and the specially designed Winston Lavatory. **W. A. CASE & SON, DEPT. K-39, 33 MAIN ST., BUFFALO, NEW YORK.**

**RESIDENTIAL LIGHTING** is a collection of smart fixtures including fine Colonial pieces for Early American interiors—many semi-indirect and indirect fixtures—distinctive crystal chandeliers—and a charming moderately-priced group for every room in the house. Send 10c. **BUTLER-KOHAUS, INC., DEPT. G-3, 2823 OLIVE ST., ST. LOUIS, MO.**

**THE DOOR TO A NEW LIFE** offers a "lift" to invalids and older folk. It's an illustrated story of the Shepard Homelift, easily installed in any home, operating automatically and safely on any lighting circuit. **SHEPARD ELEVATOR CO., DEPT. G-3, 2429 COLERAIN AVE., CINCINNATI, OHIO.**

**THE HOME ELEVATOR PROBLEM** is solved by an "Elevette" located in a stairwell, closet or corner. Or by an "Inclinitor" that rides you smoothly up the stairway—and folds neatly against the wall when not in use! **INCLINATOR CO. OF AMERICA, DEPT. G-3, 307 SO. CAMERON ST., HARRISBURG, PA.**

**FENCES OF RUSTIC WOOD** is a picture catalog of all types of cedar and chestnut fences—peeled pickets reminiscent of Colonial days—woven wood fences from France—hurdles and post-and-rail-varieties, sturdy and attractive. **ANCHOR POST FENCE CO., DEPT. G-3, 6555 EASTERN AVE., BALTIMORE, MD.**

**DUBOIS WOVEN WOOD FENCE** shows fencing made in France, for garden privacy—with charm! It's made of pointed chestnut saplings in heights from 18 inches to 10 feet. Photographs suggest attractive ways to use it. **DUBOIS REEVES FENCES, INC., DEPT. G-3, 101 PARK AVE., N. Y. C.**

## Heating and Air Conditioning

**BURNHAM HOME HEATING HELPS** will help you decide which type of heating system is best suited to your needs. It expresses an impartial view of the various types of heating systems and the burning of various types of fuel. **BURNHAM BOILER CORP., DEPT. G-3, IRVINGTON, NEW YORK.**

**HEATILATOR** tells of a new type fireplace on the principle of the warm air furnace—to circulate heat throughout the room, instead of toasting your face while your back freezes. It is a form around which any sort of fireplace can be built! **HEATILATOR CO., 753 E. BRIGHTON AVE., SYRACUSE, N. Y.**

**VIEWED FROM EVERY ANGLE...** is a conscientious study of installation and operating costs of different types of heating and air conditioning systems—showing how Hoffman fingertip controlled radiator heating gives "better heat at less cost". **HOFFMAN SPECIALTY CO., DEPT. G-3, WATERBURY, CONN.**

**MORE for Your Air Conditioning Dollar** tells you about Fitzgibbons "Split-System" Air Conditioning... how it works... what it does... and how it saves money for both large and small homes. **FITZGIBBONS BOILER CO., DEPT. HG-3, 101 PARK AVE., N. Y. C.**

**WE TURN ON THE HEAT** explains what happens inside the automatic thermostat that controls your heating system—makes clear the difference between a conventional thermostat and the more efficient heat-accelerating type. **MINNEAPOLIS-HONEYWELL REGULATOR CO., DEPT. G-3, 2790 4TH AVE. S., MINNEAPOLIS, MINN.**

**GILBERT & BARKER** offers four booklets on Gilbarco heating and air conditioning equipment: (1) Flexible Flame Oil Burner to fit any heating plant; (2) complete Boiler-Burner Unit; (3) efficient Heating and Air Conditioning System; and (4) dependable Hot Water Heater. **GILBERT & BARKER MFG. CO., DESK C-1006, SPRINGFIELD, MASS.**

## Insulation

**COMFORT THAT PAYS FOR ITSELF** is an efficiency story, showing in graphic pictures the actual savings brought about by treating your house to a heatproof, fireproof blanket of rock wool—and your family to greater living comfort in all seasons. **JOHNS-MANVILLE, DEPT. HG-3, 22 E. 40TH ST., N. Y. C.**  
(Continued on page 47)



## WHY CLIMB STAIRS

"Every Home should have this Convenience"

when the Shepard HomeLIFT will take you up and down at the touch of a button? No effort, fatigue, or strain

—a boon to older folk and invalids. The HomeLIFT is the patented, automatic home elevator that operates from electric lighting circuit at less than a cent a day. Simple — SAFE — moderate cost, easy terms. For new and old homes. Hundreds in use. Write for booklet.

**THE SHEPARD ELEVATOR CO.**  
Builders of Finest Office and Hotel Elevators  
2429 Colerain Ave. Cincinnati, Ohio  
Representatives in Principal Cities

# SHEPARD Home LIFT





## BOOKLETS

(CONTINUED FROM PAGE 46)

**NU-WOOD INTERIORS.** Page after page of them, photographed from actual installations, suggest many ways to use this interestingly textured wall and ceiling board that takes the place of lath and plaster, or goes over old walls. It insulates, deadens sound, is fire-resistant. **WOOD CONVERSION CO., RM. 113-3, 1ST NATL. BANK BLDG., ST. PAUL, MINN.**

**MASONITE** in Home Design, Construction and Decoration is a book brimming with ideas—with room schemes in full color, and photographs showing homes with Masonite Insulation—wall treatments built with Presdwood, and kitchens immaculate with Temptile walls. **MASONITE CORP., DEPT. HG-15, 111 W. WASHINGTON ST., CHICAGO, ILLINOIS.**

**INTERIORS of Guaranteed Insulation** is a handsome book of rooms—many photographed in full color—with talks by a decorator who shows how modern rooms, with walls of insulating, sound-absorbing Celotex, accomplish much more in interior designing, for much less. **THE CELOTEX CORP., DEPT. G-3, 919 N. MICHIGAN AVE., CHICAGO, ILLINOIS.**

**DON'T DENY THEM . . .** gives you some specific facts on the temperature resisting powers of Ru-ber-oid Giant Krafted rock wool—pictures the comfort and saving of fuel you'll get from this all-year insulation—suggests a simple insulation test that you can try yourself. **THE RUBEROID CO., DEPT. HG-3-39, 500 FIFTH AVE., N. Y. C.**

## Home Furnishings

**RESTFUL SLEEP.** Do you know why sheets often become too short? How to judge quality? How to make a bed properly, and to launder and care for linens? It's all told here by an expert. **UTICA & MOHAWK COTTON MILLS, INC., DEPT. G-3, 801 STATE ST., UTICA, N. Y.**

**HOW TO GET YOUR BEAUTY SLEEP,** by Sylvia of Hollywood, gives ten beauty-sleep hints, and pointers on how to make your bed "the most comfortable place on earth." **WAMSUTTA MILLS, DEPT. G-3, NEW BEDFORD, MASSACHUSETTS.**

**CARE OF RUGS AND CARPETS.** Do you know which weaves and colors wear best—what to do about shading, "fluffing" and missing tufts—about damages and stains? Here are some facts, first-aid treatments—and information about Sloane's expert services in cleaning, repairing and reweaving. **W. & J. SLOANE, DEPT. G-3, 575 FIFTH AVE., N. Y. C.**

**CARPET MAGIC,** by Clara Dudley, tells when to choose wall-to-wall carpet, and when broadloom rugs. It gives you 12 complete room schemes, in full color, in which a decorator selects not only the rugs, but harmonizing draperies, furniture fabrics and wallpaper. **ALEXANDER SMITH & SONS CARPET CO., DEPT. HG-3A, 295 FIFTH AVE., N. Y. C.**

**MATCH YOUR ROOMS to Your Personality . . .** shows how to design linoleum floors that incorporate your own decorative ideas—to get custom effects at ready-made prices, with insets, feature strips and borders. It also shows the decorative potentialities of wall linoleum. Send 10c. **CONGOLEUM-NAIRN, INC., DEPT. G-3, KEARNY, N. J.**

**HANDBOOK of Mohawk Rugs and Carpets** is a brief and excellent reference guide to the different types of wool floor coverings—explaining the differences in quality, comparing the values and the decorative possibilities of Chenille, Wilton, Axminster, Velvet and Tapestry. **MOHAWK CARPET MILLS, DEPT. G-3, AMSTERDAM, NEW YORK.**  
(Continued on page 48)

## BETTER IN EVERY PART!



ALL POST CAPS FIT DEEPLY OVER THE POSTS TO KEEP OUT MOISTURE.

Some of the excellent construction features of Pittsburgh Chain Link Fence will be found on other makes of fence, but no other chain link fence has *all* of the *quality* features such as tubular posts and top rail, malleable outside fitted post caps, beveled tension bands, adjustable barbed wire arms, and genuine copper-bearing steel galvanized after weaving which are regular construction for Pittsburgh Chain Link Fence. You can have this superior complete-fence quality at no extra cost. See your Pittsburgh Fence distributor or dealer, or write to us for free booklet.

# Pittsburgh Fence

**CHAIN LINK**

ALSO PREMIUM QUALITY FARM, POULTRY AND LAWN FENCES.  
Pittsburgh Steel Company 1633 Grant Building Pittsburgh, Pa.

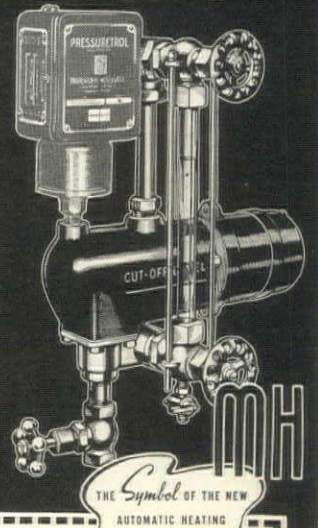
# Don't guess!

## INSTALL M-H BOILER SAFETY

**DON'T** run the risk of a cracked boiler or an explosion in your steam heating plant . . . Learn how easily you can install the last word in boiler safety. You can rest easy if your plant is equipped with the sturdy, reliable M-H Lo-Water Cutoff, which prevents the disastrous results of water failure. Quickly and easily installed by your own steam fitter or plumber. Low in cost. Fill out the coupon for complete information.

### TO THE HEATING TRADE

We believe you will be interested in learning about the superior advantages of the M-H Lo-Water Cutoff. Ask for all the facts. Mail the coupon.



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2790 4th Ave. S., Minneapolis, Minn.  
Please send me full information about the M-H Lo-Water Cutoff.  
Name.....  
Address.....  
City.....State.....  
Type of Heat (Coal...Gas...Oil...)  
Dealer.....  
If heating Dealer, Check Here.....

## MINNEAPOLIS-HONEYWELL

*Lo Water Cutoff*

## NEW HOMES FOR OLD



F. H. A. Terms

Save You Money

### CAREY CORK INSULATED SHINGLES.

The asphalt shingle that gives long-wearing roof and roof insulation, both for roof cost only.



### CAREY ROCKTEX INSULATING WOOL

Loose; Granulated; Pads; Batts. Reduces room temperatures in summer; cuts fuel consumption in winter. Pays for itself



### CAREYSTONE SIDING AND SHINGLES

Made of asbestos and cement. Fireproof; durable as stone. No painting; no upkeep.

**Carey  
PRODUCTS**

## CUT REMODELING COSTS

Why delay the comforts and economies of a fully modernized home? Labor is now plentiful; building material prices favorable; terms extremely easy. Take advantage of these conditions to improve your home with CAREY Building Products. Their use will insure year 'round comfort and convenience for your family; reduce heating costs and fire hazards; eliminate painting expense; cut repair bills.

Properly planned modernization can also add greatly to the value of your property; pay a good profit if you wish to sell. Modernize now—the savings will help meet your payments.

CAREY Building products are the result of 66 years of research and manufacturing experience. Preferred everywhere for their dependability and long life. They cost no more; save you money. Write Dept. U-9 today for FREE 28-page book giving valuable information.

**THE PHILIP CAREY COMPANY**

Dependable Products Since 1873

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BRANCHES IN PRINCIPAL CITIES



## Thinking of a new heating plant?



### -don't forget Comfort Factor No. 1

—in other words, the **boiler** that will turn the concentrated heat of oil or gas burner, or stoker, into warmth and comfort throughout your home. Whether in a new home you are planning, or in replacing an out-worn heating system in your present home, **Comfort Factor No. 1** is vital! In thousands of homes, it's the

## FITZGIBBONS STEEL BOILER

### MOST ECONOMICAL IN FUEL

Over fifty years of boiler-making skill goes into these boilers. They are built in types for use with any oil or gas burner, or stoker, fabricated of welded, copper-bearing **steel**,—of one piece construction and thus quicker to install. They give domestic hot water too, at surprisingly low cost, all year-'round, with no storage tank needed.

Your "Comfort-Dollar" buys more with a Fitzgibbons Steel Boiler. Get the facts—MAIL THE COUPON!!



Fitzgibbons Boiler Co., Inc.  
101 Park Ave., New York, N. Y.

Send me details of the Fitzgibbons steel heating boiler for use with  
OIL ☐ GAS ☐ STOKER ☐

Name.....

Address.....

HG-3

## BOOKLETS

(CONTINUED FROM PAGE 47)

**"LOOMED TO BE HEIRLOOMED"** is a source of fresh new ideas for re-decorating your bedroom at little cost. It shows bedrooms of many decorative types, with bedspreads smartly designed to set them off. **BATES FABRICS, INC.**, DEPT. G-3, 80 WORTH ST., N. Y. C.

**TOAST-O-LATOR**. An important little folder tells of the new and revolutionary automatic electric toaster that keeps the bread constantly in motion, and makes toast as you like it—thick or thin, dark or light. It's fast, economical and clean, too. **CROCKER-WHEELER ELECTRIC MFG. CO.**, DEPT. G-3, AMPERE, N. J.

**TRAXRODS**. Here's news of a shower curtain rod for smarter bathrooms, with hooks that run in a concealed track. Another folder gives you a tip on modernizing your kitchen sink with a "Sink Strainer and Stopper" which works at a "flick" of the finger. **BRIDGEPORT BRASS CO.**, DEPT. G-3, BRIDGEPORT, CONN.

### Other Important Booklets

**WALNUT** in the Art of Gracious Living is a brochure of distinguished rooms, interpreted by a decorator. Many are shown in full color. There's also a chart of the leading decorative periods and their characteristics—and detailed information about the beauty and quality of walnut. **AMERICAN WALNUT MFRS. ASSN.**, DEPT. G-3, 616 S. MICHIGAN AVE., CHICAGO, ILLINOIS.

**HOW TO WASH** Curtains and Draperies . . . Blankets . . . Cottons and Linens. In 3 authoritative leaflets, the makers of Ivory Flakes give expert advice on the proper laundering of fine decorative fabrics. **PROCTER & GAMBLE, IVORY FLAKES**, DEPT. BO, P.O. BOX 629, CINCINNATI, OHIO.

WRITE TO THE MANUFACTURERS FOR ANY OF THESE BOOKLETS. THEY'RE FREE UNLESS OTHERWISE NOTED.

**RECIPES**—featuring the popular Myers's "Million" Cocktail—gives you the ingredients of more than eighty good drinks to be made with Myers's Fine Old Jamaica Rum . . . mixed as they mix them in Jamaica. It also suggests uses of rum in coffee, tea or desserts. **R. U. DELAPENHA & CO.**, DEPT. 41, 57 LAIGHT ST., NEW YORK CITY.

**VEHICLES** is an entertaining little story about the basic ingredients of many good drinks—the carbonated water—or the ginger ale. It tells you how to test them for quality—how to mix them into lively drinks, and save them from the too-common fate of flatness! **RED RAVEN CORP.**, DEPT. G-3, CHESWICK, PA.

**OF HERBS AND FLOWERS** brings the secrets of the English herbalist to American women in skin preparations and bath "exquisites" from a centuries-old Herb Farm in England. Besides the creams, lotions and astringents for lovely complexions, it includes culinary herbs, teas and jellies for the gourmet. **THE HERB FARM SHOP OF LONDON, LTD.**, DEPT. G-3, 347 FIFTH AVE., NEW YORK CITY.

**EARLY AMERICAN TOILETRIES** is a charming little catalog of toiletries of Colonial inspiration—soap, bath powder, toilet water and perfume redolent of Old Spice—packaged in Early American gift boxes. **SHULTON, INC.**, DEPT. G-3, 630 FIFTH AVE., N. Y. C.

**LUGGAGE PRESCRIPTIONS** lines up smart, durable and commodious Oshkosh travel gear for long and short journeys—everything from wardrobe trunks to overnight cases. It's a complete picture-and-price catalog, suggesting exactly the right luggage for trips by land, sea and air. **OSHKOSH**, DEPT. G-3, 10 E. 34TH ST., N. Y. C.

## Heat Your BASEMENT ROOM QUICKLY

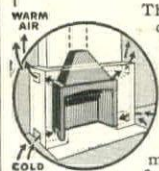


### This FIREPLACE Circulates Heat

You will always want to use your basement recreation room on short notice. It must be comfortably heated, quickly. Architects and heating engineers say that the Heatilator fireplace provides the most satisfactory way. It works on an entirely different principle—actually circulates warmed air to every corner of the room.

Ideal for living rooms—a fireplace that has been proved in thousands of homes and camps in all climates. It cuts home heating costs—makes camps usable weeks longer.

#### WILL NOT SMOKE



The Heatilator provides a correctly designed metal form for the masonry, assures smokeless operation. You buy no extras—the firebox, damper, smoke dome and down-draft shelf are built-in parts. Saves materials and labor. Write for details—state if building a new or rebuilding an old fireplace.

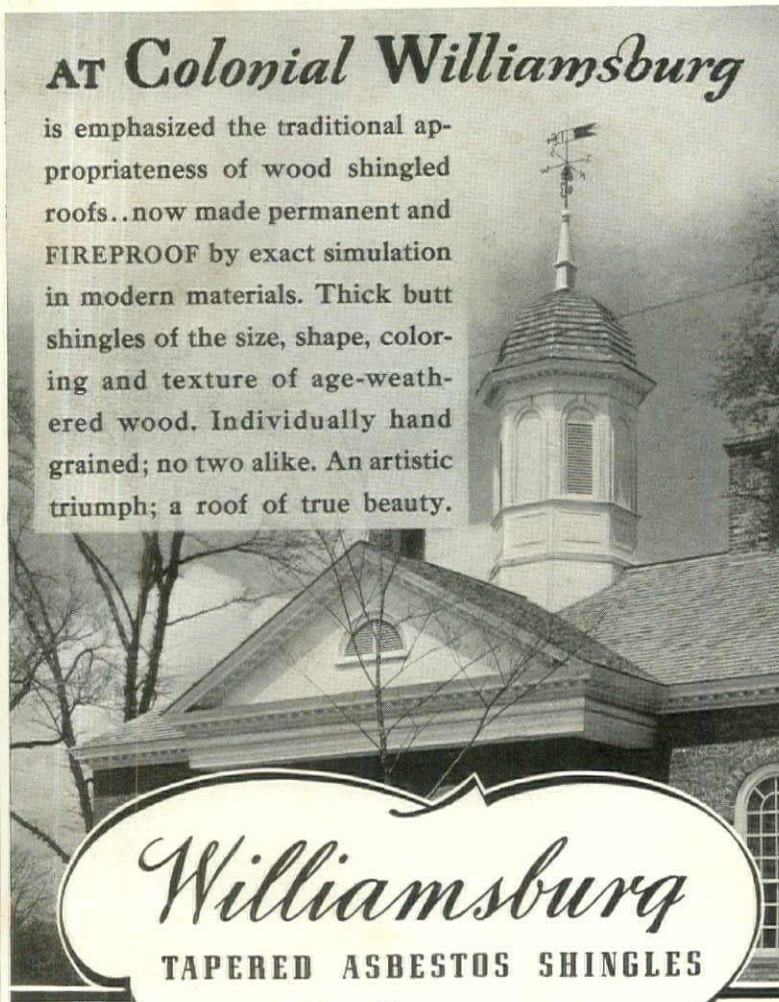
HEATILATOR CO.

753 E. Brighton Ave., Syracuse, N. Y.

**HEATILATOR Fireplace**

## AT Colonial Williamsburg

is emphasized the traditional appropriateness of wood shingled roofs...now made permanent and **FIREPROOF** by exact simulation in modern materials. Thick butt shingles of the size, shape, coloring and texture of age-weathered wood. Individually hand grained; no two alike. An artistic triumph; a roof of true beauty.



**Williamsburg**  
TAPERED ASBESTOS SHINGLES

For information and prices, write:

MOHAWK ASBESTOS SHINGLES, INC., 101 PARK AVENUE, NEW YORK

## Give Your Kitchen This ultra modern touch



Whether you are building a new house or modernizing, you'll want this newest of sanitary kitchen helps. It's the Basket Type Sink Strainer, hailed by architects and interior decorators as the *ultra-modern* way to give your sink up-to-the-minute style and efficiency. It collects all refuse automatically . . . helps to keep your sink *fastidiously* clean . . . free of waste . . . always presentable—even in the midst of preparing meals. A flip of the handle makes it act as drain or stopper. Your plumber can install it in a jiffy. Let us send you descriptive folder which tells all about this new time-and-trouble-saving device and how it gives the ultimate touch of modernity to your kitchen.

FOR NEWS of the latest idea in "Bridgeport" shower curtain rods, see page 45

**BRIDGEPORT**  
BRASS COMPANY

Established 1865 Bridgeport, Conn.

BRIDGEPORT BRASS COMPANY  
Dept. E-1 Bridgeport, Conn.  
Gentlemen: Please send me your Descriptive Folder on the Basket Type Sink Strainer.

Name.....

Address.....

City.....State.....



# 4 IDEAL HOUSES

**filled with smart, new decorating ideas for your home**



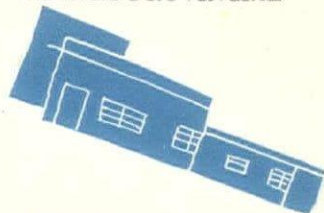
EARLY AMERICAN



GEORGIAN



FRENCH PROVINCIAL



MODERN

Step through the covers of House & Garden's April Double Number into these four Ideal Houses—and you'll collect ideas by the hundred for planning—decorating—and furnishing your own home!

Visit the stately Georgian house first... then the Early American cottage... go on to the interesting Modern home... and

finally to the most unusual of the group—the French Provincial.

These four House & Garden Ideal Houses for 1939 vary widely in design—but the four architectural styles represented are those which the editors believe to be most important and most appropriate to the American scene.

## 100 IDEAL ROOMS

In addition to plans and construction notes for these four houses, the imposing April Double Number brings you four portfolios of interiors, decorated in styles that correspond to the architecture of the houses. Here are interiors conceived by House & Garden's staff—by leading decorating firms—and by the country's smartest shops and stores... more than 100 rooms in all! Here are ideas for color schemes, for floor and wall and window treatments, and for charming new furnishings. And here, in

this same issue, is a list of important stores throughout the country where you can actually see these furnishings.

If Spring gives you the urge "to do things for your home," don't miss House & Garden's April Double Number. For besides the Section devoted to Ideal Houses and Ideal Rooms, there's another which contains a Gardening Portfolio—news of the latest fabrics—table settings—recipes—and scores of other tips for Spring.

**HOUSE &**

... AT YOUR NEWSSTAND MARCH 20th

**GARDEN'S Ideal House Double Number**



**GRACE LINE**  
*Caribbean-South American Cruises*  
**SAIL EVERY FRIDAY**

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THE OUTDOOR TILED SWIMMING POOL ON THE "SANTA ROSA," "SANTA PAULA," "SANTA ELENA" AND "SANTA LUCIA"

**LUXURIOUS GRACE "SANTA" LINERS HAVE ALL OUTSIDE ROOMS, EACH WITH PRIVATE BATH, AND OUTDOOR TILED SWIMMING POOLS**

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