

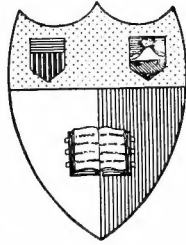
The Livable House

Its Garden

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By Ruth Dean
Landscape Architect



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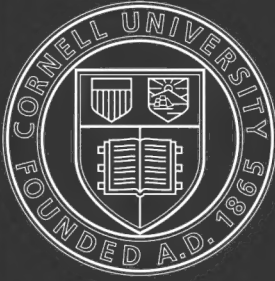
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APPROPRIATE PLANTING FOR A
GARDEN DOORWAY

*House of Mr. James C. Breese, at Southampton, Long Island.
McKim, Meade and White, Architects*

THE LIVABLE HOUSE

Its Garden
by Ruth Dean
Landscape Architect

being VOLUME 2 of
the Livable House Series
edited by Aymar Embury II



Moffat Yard and Company
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M C M X V I I

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To M. W.

INTRODUCTORY



THE very real but undirected interest which we in America have always taken in the development of our grounds has of late become more purposeful and (although the word is much misused) efficient. We are beginning to realize the simple fact that a lot of flower beds does not necessarily make a garden, and we as a mass have only very lately discovered that the collection and planting of very beautiful specimens of all sorts of trees may detract from, rather than beautify, our grounds. Landscape architecture has, like all arts, a certain scientific side, and although its principles are perhaps not as fixed and definite as, let us say, the principles of mechanical engineering, it, nevertheless, has basic and fundamental laws which have been discovered through a series of experiments, and landscape work which is not in accordance with these laws will inevitably fall short of the desired result.

We are far too likely to regard the house and its grounds as being two separate and unrelated problems, employing one expert to design the house and another to design the grounds, and permitting these two to work without any harmonic purpose; yet it is as important to the appearance of the house that the grounds be co-ordinated with it, as it is to the place as a whole to have the house set naturally upon it. Landscape architecture as a profession is still new, in spite of the enormous success which its first

great American exponent, Mr. Frederick Law Olmstead, achieved a half century ago, and the members of the profession, talented, brilliant and able as many of them are, do not find the general recognition of the necessity of their services which has only lately been accorded to the architectural profession. Some idea of the very great importance of a capable landscape architect can be obtained from the illustrations in this volume, and they prove that the landscape man (or woman) is as much a necessity in the small garden as in the large park, just as an architect is as indispensable to the design of a cottage as he is to that of a theater. Nevertheless people continue to exercise their own judgment in gardening, as they do in architecture and in decoration, with results which in this art do not as a whole approach any more nearly a high level than in the others. People with some knowledge of flowers and with native good taste can plant a garden of a country place which will look well for a while or at certain seasons, but a very expert and technical knowledge of flowers and shrubs is needed if the place is to continue to improve with age. Much of the planting has of late been done by men from the nurseries, who look at the planting much as a carpenter does when he builds a house of good material without regard for the artistic result; they plant sound, healthy, and shapely trees without thinking of their future development. The layman, when he does his work himself, frequently forgets that the trees which he plants as a border may eventually entirely cut out or smother shrubs behind them, though the latter at the time of planting are the larger. In addition many of us know little of the seasons of flowering or

of the exact varieties of bulbs which will yield most profusely and for the longest time, so that we very frequently find a home-made garden beautiful in spring, half blooming in summer, and barren in the autumn. It is to correct just such faults as these that a landscape architect is employed, and in considering the selection of the landscape architect to write this volume of the "Livable House" series, Miss Dean was chosen because of her very wide familiarity with the problem of planting with regard to its ultimate effect and her great success in work around small houses, as well as in larger work. She has achieved especial success in the treatment of the house garden, both in informal and in formal ways, and the admirable manner in which she has used native shrubs in combination has tended to give her work a more quiet and less exotic character than that of many of the other members of her profession. Added to this is the fact that her training has been under men who represented rather extreme differences of opinion in regard to landscape work, so that she has been led to perceive the valuable qualities of the several types of landscape architecture and is able to apply to any particular problem the solution which best fits it. As training of this kind leads an artist to a more generous appreciation of the whole field of his or her work, a book written by such hands will deal in a more broadminded and generous way with all schools of design, than would one written by a person whose training had been acquired in a certain definite and limited field. Miss Dean has in addition the very valuable faculty of being able to think clearly and express her thoughts simply, so that the results of her knowledge

I n t r o d u c t o r y

are more easily available to the reader than those of many professional people, who, knowing their business, are yet unable to describe it.

Without attempting to survey even briefly the ground covered in this volume, the editor can sincerely say that his professional experience has led him to believe very thoroughly in the principles herein set forth, and that he recommends them most earnestly to any one who is interested in the art of gardening.

THE EDITOR.

Contents

	PAGE
INTRODUCTORY	vii
I THE GROUNDS AS A WHOLE	I
<i>Position of the house with respect to exposure, drainage, accessibility from street, and possible garden site. Forms and kinds of drives. Grading on approximately level ground and on irregular ground. Terraces, retaining walls and steps.</i>	
II GENERAL PLANTING	51
<i>Foundation planting; purpose of, appropriate and inappropriate sorts. Border planting; woodland and gardenesque. Planting along drives and walks. Screen planting. Specimen planting. Miscellaneous flower planting.</i>	
III THE FLOWER GARDEN	83
<i>The "Planned" or, informally, formal garden; its location, design, arrangement of flowers, etc. Naturalistic and informal gardens. Location, design, materials.</i>	
IV TIMES AND SEASONS	123
<i>Spring planting; trees, shrubs, flowers, bulbs. Tall planting. Pruning.</i>	
V GARDEN ARCHITECTURE	133
<i>Gates, walls, pergolas, garden houses, wall fountains, figures, seats, sun dials, etc.</i>	

The Illustrations

APPROPRIATE PLANTING FOR A GARDEN DOORWAY <i>Frontispiece</i> <i>House of Mr. James C. Breese, at Southampton, Long Island. McKim, Meade and White, Architects</i>	PAGE 3
A HOUSE WHOSE LIVING ROOMS OPEN ON A FLOWER GARDEN <i>House of Mr. G. W. Curtis, at Southampton, Long Island</i>	3
A GARDEN WITH A FOREST FOR BOUNDARY Grounds of Mr. Jonathan Godfrey, at Bridgeport, Connecticut. F. Burrall Hoffman, Architect; Marian C. Coffin, Landscape Architect	5
A WALL WHICH CONNECTS HOUSE WITH GARAGE AND SHUTS OFF THE SERV- ICE YARD AS WELL <i>House of Mr. William H. Marland, Brookline, Massachusetts. Kilham and Hopkins, Architects</i>	7
FORMAL AND NATURALISTIC VERSIONS OF THE TURN-AROUND	8
A TURN-AROUND SIXTY FEET IN DIAMETER <i>Grounds of Mr. E. L. Winthrop, Syosset, Long Island. Delano and Aldrich, Architects</i>	9
A COMBINATION OF TURN-AROUND AND COURT <i>Estate of J. Percy Keating, Esq., St. Martins, Pennsylvania. Lay and Wheelwright, Landscape Architects</i>	10
COURTYARD-TURN <i>Grounds of Mrs. Alexander, Bernardsville, New Jersey. Delano and Aldrich, Architects</i>	12
WALLED COURT TREATMENT OF ENTRANCE DRIVE <i>House of Mrs. Alexander, Bernardsville, New Jersey. Delano and Aldrich, Architects</i>	13
THE COURT YARD OF AN OLD DUTCH FARM HOUSE <i>The Andrew Haring house, at Northvale, New Jersey</i>	15

T h e I l l u s t r a t i o n s

	PAGE
PLAN OF A FORECOURT ON A SMALL PLACE	17
A PLEASING BOX-BORDERED FOOT-PATH	19
<i>House of Mr. Marshall Fry, at Southampton, Long Island. Aymar Embury II, Architect</i>	
AN ANGLE ENTRANCE WITH A FLAG-STONE FOOT PATH	20
<i>House of Mr. L. T. Beale, at St. Davids, Pennsylvania. Mellor and Meigs, Architects</i>	
STRICTLY FORMAL BRICK WALKS	21
<i>Garden of Mr. Charles W. Leavitt, Landscape Architect</i>	
COMFORTABLE LOOKING FLAG WALKS	23
<i>"Brookside," estate of Mr. William Hall Walker. Ferruccio Vitale, Landscape Architect</i>	
A FRIENDLY GRASS WALK	25
<i>Estate of Mr. Michael Jenkins, Roland Park, Baltimore, Maryland Sears and Wendell, Landscape Architects</i>	
A LONG FLIGHT OF SHALLOW STEPS	26
<i>Estate of Mr. Samuel Heilner, at Cows, New York. Ferruccio Vitale, Landscape Architect</i>	
A DRIVE WHICH TAKES ADVANTAGE OF A GOOD NATURAL SETTING	27
<i>Residence of Mr. J. Brooks Nichols, at Detroit, Michigan. Chittenden and Kotting, Architects</i>	
A TERRACE OF GOOD WIDTH	29
<i>"Brookside" estate of Mr. William Hall Walker, Great Barrington, Massachusetts. Carrere and Hastings, Architects; Ferruccio Vitale, Landscape Architect</i>	
A TERRACE OF GOOD WIDTH WITH STEPS TOO OVERGROWN	31
<i>House of Mr. Charles P. Leach, at Ipswich, Massachusetts. Kilham and Hopkins, Architects</i>	
AN INTERESTING SERIES OF DRY WALLS	33
<i>"Huntland," estate of Mr. J. B. Thomas, Middleburg, Virginia Peabody, Wilson and Brown, Architects</i>	
A TERRACE WALL AND IRON RAILING	35
<i>Detail of the garden of Mr. Charles A. Platt, Architect, at Cornish, New Hampshire</i>	
A RETAINING WALL WHICH IS MORE INTERESTING THAN A GRASS SLOPE WOULD BE	37
<i>Forest Hills Gardens, Forest Hills, Long Island. Grosvenor Atterbury, Architect</i>	

T h e I l l u s t r a t i o n s

	PAGE
APPROPRIATE MATERIALS FOR THE SIZE AND CHARACTER	39
<i>"Weld," garden of Mr. Larz Anderson, Brookline, Massachusetts</i> Charles A. Platt, <i>Architect</i>	
A COMBINATION OF MANY MATERIALS WHICH IS NOT UNPLEASING	41
<i>Knickerbocker Golf Club, Tenafly, New Jersey.</i> Ruth Dean, <i>Landscape Architect</i>	
A GOOD DRY WALL WELL PLANTED	43
<i>"The Knoll," estate of Mr. Alvah Crocker, at Fitchburg, Massachusetts</i> Olmsted Brothers, <i>Landscape Architects</i>	
A GOOD FLIGHT OF STEPS IN A RETAINING WALL	45
Forest Hills, <i>Long Island.</i> Grosvenor Atterbury, <i>Architect</i>	
FOUNDATION PLANTING SHOULD TIE THE HOUSE INTO ITS SURROUNDINGS	53
<i>House of Mrs. George N. Gales, at Great Neck, Long Island.</i> Aymar Embury II, <i>Architect</i>	
AN INTERESTING COMBINATION OF MATERIALS	55
<i>Garden of R. B. Ward, Esq., at New Rochelle, New York.</i> Thomas W. Sears, <i>Landscape Architect</i>	
RHODODENDRONS ARE BEST COMBINED WITH OTHER KINDS OF PLANTS	57
<i>Forest Hills Gardens, Forest Hills, Long Island.</i> Olmsted Brothers, <i>Landscape Architects</i>	
CEDARS USED PROPERLY NEAR A HOUSE WALL	59
<i>House of Mr. W. E. Seeley, Bridgeport, Connecticut.</i> Murphy and Dana, <i>Architects</i>	
AN EXCEPTION TO THE RULE OF NO FLOWERS ABOUT THE HOUSE FOUNDATION	61
<i>Garden of Mrs. J. Clifton Edgar, at Greenwich, Connecticut.</i> Marian C. Coffin, <i>Landscape Architect</i>	
PLANT A POND WITH THOSE TREES AND SHRUBS WHICH GROW NATURALLY NEAR WATER	63
<i>"Gravetye," estate of William Robinson, Esq., at Kingscote, Sussex, England.</i> Courtesy of Mr. Thomas W. Sears	
THE CORNERS OF FLOWER BEDS ARE HERE REINFORCED BY SHRUBS	65
<i>Garden of Charles A. Platt, Architect, at Cornish, New Hampshire</i>	

T h e I l l u s t r a t i o n s

	P A G E
DIAGRAM ILLUSTRATING PLANTING IN THE BEND OF A DRIVE	66
A CURVING PATH WELL PLANTED	67
<i>Garden of Mr. Edward E. Sprague, at Flushing, Long Island. Marian C. Coffin, Landscape Architect</i>	
A TWISTED "SPECIMEN" TREE RESPON- SIBLE FOR MUCH OF THE CHARM OF THE FOUNTAIN	69
<i>Grosvenor Atterbury, Architect; Olmsted Brothers, Landscape Architects</i>	
SEVERAL SETS OF "SPECIMEN" PLANTS ARE USED AGREEABLY ON THIS TERRACE	71
<i>House of Miss R. Hoyt, at Southampton, Long Island. Hiss and Weeks, Architects; Ferruccio Vitale, Landscape Architect</i>	
SPRING BULBS NATURALIZED IN THE GRASS	72
<i>Garden of Edward E. Sprague, Esq., at Flushing, Long Island. Marian C. Coffin, Landscape Architect</i>	
A PATH WITH PLANTS WHICH EMPHASIZE ITS WOODLAND CHARACTER	73
<i>Estate of Mr. W. B. H. Dowse, at West Newton, Massachusetts Pray, Hubbard and White, Landscape Architects</i>	
THE FIRST TWO ARE ADVISABLE FORMS TO WHICH TO SHEAR A HEDGE, THE THIRD INADVISABLE	74
A STRAIGHT FLOWER-BORDERED WALK	75
<i>Estate of Edward E. Sprague, Esq., at Flushing, Long Island. Marian C. Coffin, Landscape Architect</i>	
A GOOD COMBINATION OF VINES AND FLOWERS AGAINST A WALL	77
<i>Garden of Charles W. Hubbard, Esq., at Auburndale, Massachusetts Olmsted Brothers, Landscape Architects</i>	
A SHADED ALLEY WHICH FORMS THE ENTRANCE	85
<i>Garden of Miss Fannie Mulford, at Hempstead, Long Island. Ruth Dean, Landscape Architect</i>	
AN ANTE ROOM TO THE GARDEN	87
<i>House at Villa Nova, Pennsylvania. Duhring, Okie and Ziegler, Architects</i>	

T h e I l l u s t r a t i o n s

	PAGE
AN "ALL-OVER PATTERN" GARDEN—VIEW TAKEN FROM "A" ON PLAN	89
<i>Garden of Mr. Aymar Embury II, Architect, at Englewood, New Jersey</i>	
PLAN OF THE GARDEN	90
<i>Of Mr. Aymar Embury II, Architect, Englewood, New Jersey</i>	
A GARDEN WELL SURROUNDED	91
<i>Garden of Mr. A. H. Storer, at Ridgefield, Connecticut. Lay and Wheelwright, Landscape Architects</i>	
A GARDEN WITH A NATURAL FOREST BACKGROUND	93
<i>Estate of Mr. Charles W. Hubbard, at Weston, Massachusetts Olmsted Brothers, Landscape Architects</i>	
PLAN OF THE GARDEN	95
<i>Of Mr. Charles W. Hubbard, at Weston, Massachusetts. Olmsted Brothers, Landscape Architects</i>	
A BOUNDARY WHICH LIMITS THE GARDEN WITHOUT SHUTTING IT IN	97
<i>Estate of Mr. Charles W. Hubbard. Olmsted Brothers, Landscape Architects</i>	
FLOWER BEDS BORDERING A CENTRAL STRETCH OF TURF	98
<i>Estate of Mr. Michael Jenkins, at Roland Park, Baltimore, Maryland Sears and Wendell, Landscape Architects</i>	
A GARDEN WITH AN OPEN CENTER	99
<i>Grounds of Mr. Jonathan Godfrey, at Bridgeport, Connecticut Marian C. Coffin, Landscape Architect; F. Burrall Hoffman, Architect</i>	
A CENTRAL GRASS PANEL OUTLINED BY BOX	101
<i>Garden of Mr. Marshall Fry, at Southampton, Long Island. Aymar Embury II, Architect</i>	
THE EDGE OF A POOL SHOULD NOT BE ENTIRELY SURROUNDED BY PLANTING	102
<i>Garden of Mr. H. H. Rogers, at Southampton, Long Island. Walker and Gilbert, Architects</i>	
WATERSIDE PLANTS GROWING NEAR A FORMAL POOL	103
<i>Garden of Mrs. Harry Payne Whitney, at Westbury, Long Island Delano and Aldrich, Architects</i>	

WATER LILY PADS WHICH LEAVE A PLEASING WATER SURFACE OPEN FOR REFLECTIONS	105
<i>House of Mr. Thomas H. Kerr, at White Plains, New York. Albro and Lindeberg, Architects</i>	
FALLS AT THE END OF THE SWIMMING POOL	106
<i>Estate of Mr. K. D. Alexander, at Spring Station, Kentucky. Jens Jensen, Landscape Architect</i>	
A TERRACE GARDEN WITH A POOL AGAINST THE WALL	107
<i>Grounds of Mr. H. H. Rogers, at Tuxedo, New York. Walker and Gillette, Architects</i>	
A "STUDIED HAP-HAZARD" GARDEN	109
<i>At Bedford Hills, New York. Pray, Hubbard and White, Landscape Architects</i>	
A NATURALISTIC SWIMMING POOL	110
<i>On the grounds of Mr. K. D. Alexander, at Spring Station, Kentucky Jens Jensen, Landscape Architect</i>	
AN UNUSUALLY GOOD PIECE OF ROCK WORK	111
<i>Estate of Mr. K. D. Alexander, at Spring Station, Kentucky. Jens Jensen, Landscape Architect</i>	
PLANS OF A COUNTRY PLACE	113
<i>At Bedford Hills, New York</i>	
"THE SPRING" IN A ROCK GARDEN	114
<i>At Newport, Rhode Island. Pray, Hubbard and White, Landscape Architects</i>	
PLANTING CHARACTERISTIC OF THE MARSHY STREAMS NEAR CHICAGO	115
<i>Estate of Mr. Harry Rubens, Glencoe, Illinois. Jens Jensen, Landscape Architect</i>	
PLANTING WHICH IS CONVINCINGLY NATURALISTIC	117
<i>Estate of C. S. Walton, Esq., at St. Davids, Pennsylvania. Sears and Wendell, Landscape Architects</i>	
PLAN FOR THE POOL	118
<i>Estate of H. Rubens, Glencoe, Illinois</i>	
AN ARCH AS A FRAME DOUBLES THE INTEREST IN A GARDEN	134
<i>Grounds of Mr. H. H. Rogers, at Southampton, Long Island. Walker and Gillette, Architects; Olmsted Brothers, Landscape Architects</i>	

T h e I l l u s t r a t i o n s

	PAGE
A GATEWAY WHICH MAKES AN ORDINARY PATH INTERESTING	136
<i>Forest Hills Gardens, Forest Hills, Long Island. Wilson Eyre, Architect</i>	
A PLEASING GATE AT FOREST HILLS	137
<i>Grosvenor Atterbury, Architect</i>	
A GATE OF ORIGINAL DESIGN	138
<i>House of Mr. Daniel E. Pomeroy, at Englewood, New Jersey. Aymar Embury II, Architect</i>	
A PLEASING WALL WITH STUCCO FINISH AND MOLDED BRICK CAP	141
<i>"Huntland," Estate of Mr. J. B. Thomas, at Middleburg, Virginia Peabody, Wilson and Brown, Architects</i>	
SIMPLE ROSE ARCHES OF VERY GOOD DESIGN	142
A GATEWAY AND ARBOR AT HAMILTON FARM	142
A WALL PERGOLA WITH VALUABLE PLANTING SPACE AT ITS BASE	143
<i>Garden of Mr. Jonathan Godfrey, at Bridgeport, Connecticut. Marian C. Coffin, Landscape Architect; F. Burrall Hoffman, Architect</i>	
A FAUN	144
<i>J. C. Kraus, Stoneworker</i>	
A DELIGHTFUL OLD GARDEN HOUSE	145
<i>Designed by Samuel MacIntire in 1799 on the Osborn estate at Peabody, Massachusetts</i>	
A USUAL FIGURE WHICH IS VERY PLEASING	147
<i>E. Lucchesi, Stoneworker</i>	
A FINE REPRODUCTION OF A NEO- GRÆCQUE PHILOSOPHER	147
<i>J. C. Kraus, Stoneworker</i>	
A GOOD TERMINAL FIGURE FOR PATH	148
ANOTHER TERMINAL FIGURE FOR PATH	148
A GARDEN HOUSE	149
<i>On the grounds of Mr. Charles W. Hubbard, Auburndale, Massachusetts Olmsted Brothers, Landscape Architects</i>	
A FRUIT BASKET FOR A GARDEN GATE POST	150
<i>J. C. Kraus, Stoneworker</i>	

T h e I l l u s t r a t i o n s

	PAGE
DOORWAY IN THE GARDEN OF MRS. ROBERT C. HILL	151
<i>At Easthampton, Long Island. Designed by Mrs. Robert C. Hill</i>	
A GLIMPSE THROUGH THE GATE INTO "GREY GARDENS"	152
<i>Easthampton, Long Island. Mrs. Robert C. Hill, Landscape Architect</i>	
AN UNUSUALLY GOOD WALL OF CONCRETE	153
<i>Garden of Mrs. Robert C. Hill, at Easthampton, Long Island</i>	
A BEAUTIFULLY DESIGNED DOORWAY	154
<i>In the garden of Mr. C. L. Ring, at Saginaw, Michigan. Charles A. Platt, Architect</i>	
A GOOD GARDEN ENTRANCE	155
<i>On the grounds of Mr. Jonathan Godfrey, at Bridgeport, Connecticut F. Burrall Hoffman, Architect; Marian C. Coffin, Landscape Architect</i>	
STONE COIGNS AND CAP FORM A GOOD CONTRAST TO THE PLAIN SURFACE OF THE WALL	156
<i>Grounds of Mr. Bronson Winthrop, at Syosset, Long Island. Delano and Aldrich, Architects</i>	
A PERGOLA GATE OF INTERESTING MATERIALS AND DESIGN	157
<i>Garden of C. S. Walton, Esq., at St. Davids, Pennsylvania. Sears and Wendell, Landscape Architects</i>	
A WALL OF REFINED DESIGN	158
<i>Garden of Mrs. E. S. Clark, Pomfret, Connecticut. Charles A. Platt, Architect</i>	
A GATE POST OF SIMPLE DIGNIFIED DESIGN	159
<i>Estate of Mr. Willard Straight, at Westbury, Long Island A. F. Brinckerhoff, Landscape Architect</i>	
A CLEVER TRELIS TREATMENT OF A HIGH WALL	160
<i>In the garden of Mr. Charles Biddle, at Andalusia, Pennsylvania Mellor and Meigs, Architects</i>	
AN UNUSUALLY GOOD BIT OF "RUSTIC WORK"	161
<i>Garden of Mrs. J. Clifton Edgar, at Greenwich, Connecticut. Marian C. Coffin, Landscape Architect</i>	
A FENCE OF CHESTNUT PALINGS BETWEEN BRICK PIERS	162
<i>Garden of Mrs. Harry Payne Whitney, Westbury, Long Island Delano and Aldrich, Architects</i>	

T h e I l l u s t r a t i o n s

	PAGE
THE WHITE PICKET FENCE OF A DOOR-YARD GARDEN	163
<i>House of Mrs. Harrison Sanford, at Litchfield, Connecticut. Restored by Aymar Embury II, Architect</i>	
SUCCESSFUL USE OF A FREE-STANDING WALL	164
<i>In the grounds of Mr. Mortimer L. Schiff, at Oyster Bay, Long Island James L. Greenleaf, Landscape Architect</i>	
ARBOR IN THE CENTRE OF A CURVED TRELLIS	165
<i>Garden of Miss Fannie Mulford, at Hempstead, Long Island. Ruth Dean, Landscape Architect</i>	
AN OLD DUTCH GARDEN	166
<i>On the Paramus Road near Hohokus, New Jersey</i>	
GAZEBO OF THE ROYALL HOUSE	167
<i>At Medford, Massachusetts</i>	
AN AMUSING WALL FOUNTAIN	168
<i>At "Brookside," Estate of Mr. William Hall Walker, Great Barrington, Massachusetts. Ferruccio Vitale, Landscape Architect</i>	
A WALL FOUNTAIN COMBINED WITH A POOL	169
<i>Garden of Mr. H. H. Rogers, at Tuxedo, New York. Walker and Gillette, Architects</i>	
A GARDEN ENTRANCE FOR WHOSE CHARM AGE IS RESPONSIBLE	170
<i>House at 80 Federal Street, Salem, Massachusetts. Samuel McIntyre, Architect, 1782</i>	
A DOVE COT	171
<i>In the Garden of Mrs. Robert C. Hill, at Easthampton, Long Island</i>	
A WROUGHT IRON LANTERN AND BRACKET	172
<i>At Forest Hills Gardens, Forest Hills, Long Island. Grosvenor Atterbury, Designer</i>	
TWO BENCHES OF INTERESTING DESIGN BACKED UP BY TRELLIS	173
<i>Ralph Adams Cram, Architect</i>	
A REPRODUCTION OF AN OLD RENAISSANCE URN	174
<i>At Hamilton Farm, Gladstone, New Jersey. Ruth Dean, Landscape Architect; J. C. Kraus, Stoneworker</i>	


The Grounds as a Whole

T H E L I V A B L E H O U S E

Its Garden

CHAPTER ONE

THE GROUNDS AS A WHOLE

 ENGLISH people have a pleasant way of referring to the entire grounds about a house as "the garden," including in the term not only the portions actually given over to flowers and vegetables, of which we are accustomed to think as "garden," but lawns and brooks and almost any area which cannot be dignified by such a term as "park," "wood," "meadow," or "vineyard"; and by making the word plural and speaking of "the gardens" they are able to include these as well. It is a very pleasing use of the word; if one has only a back yard containing a few shrubs and a flower border, one likes to think of it as something more than a back yard, and to dignify it by the title of garden is to lift it at once out of the company of clothes poles and garbage receptacles and turn it into an attractive and inviting spot.

The term "garden" for purposes of this book is going to adopt the attributes of its English cousins, and include everything between the doorstep and the property line.

The relation of the doorstep to the property line, however, is dependent upon the location of the house, the choice of which five important factors should influence. These are—exposure to sun and breezes; second, drainage, natural and artificial; third, accessibility from the street; fourth, the amount of grading necessitated; and fifth, a possible garden site. These factors have to be weighed with one another and sometimes the less important sacrificed for the more—but their consideration emphasizes one point greatly to be desired, that of planning the house with reference to the type of land on which it is to be built, or putting it in reverse order, the choice of a piece of property which will suit the style of house one has decided to build.

Formal symmetrical houses should not be built where they cling precariously to steep hillsides or sit uneasily on inadequate and specially created plateaux; an informal, picturesque style of architecture can be fitted comfortably into the uneven surfaces of hillsides; the classic house with its regular lines and balanced plan should find a site on a level or gently rolling sweep of ground. The important point is that house and land be considered together.

But whatever the kind of house, and whether or not it suit its particular piece of property, it is only sensible to place it so that the main living rooms catch the greatest amount of sunlight and summer breezes, and avoid dour shade and winter winds. The latter consideration works out almost automatically, because summer winds are usually south winds, and those of winter, north; so that the house which benefits by summer breezes thereby turns its back to the north. Moreover, the question of sunlight does not



A HOUSE WHOSE LIVING ROOMS OPEN ON A
FLOWER GARDEN

House of Mr. G. W. Curtis, at Southampton, Long Island

conflict with this consideration because, generally speaking, the south and east offer the greatest amount of desirable light. It follows that a house on the south or west side of a street would have to face toward the rear or side of its lot in order to capture a maximum of light and air; but this is not the heretic suggestion it would have been considered in the days when back doors were unfeignedly back doors and, as such, neglected to the point of ugliness. Nowadays a service court, walled or hedged round about, has its own charm, and is very often on the street side of the house in order to leave the living rooms free to face a fine view or a flower garden. Which moves the fifth point,—the possible garden site, up to second place, and I am not sure but that it deserves an earlier consideration than my efforts to treat it impartially first accorded it.

Generally speaking, a southern or southwestern exposure is best for the flower garden—and, if the house has been wisely planned and placed, one or more of the main rooms will give on such an exposure, so as to make the garden enjoyable immediately from the house.

No garden should be built where it will come in the way of a distant view, but should lie rather where it may be walled round by the house and some natural boundary, such as a wood or a hill; seen in connection with any great distance the garden grows insignificant; it must be treated as an outdoor room, with outdoor walls to give it scale and importance, and that close, intimate feeling which is part of a garden's charm. House and garden ought to be considered simultaneously, and such a position on the

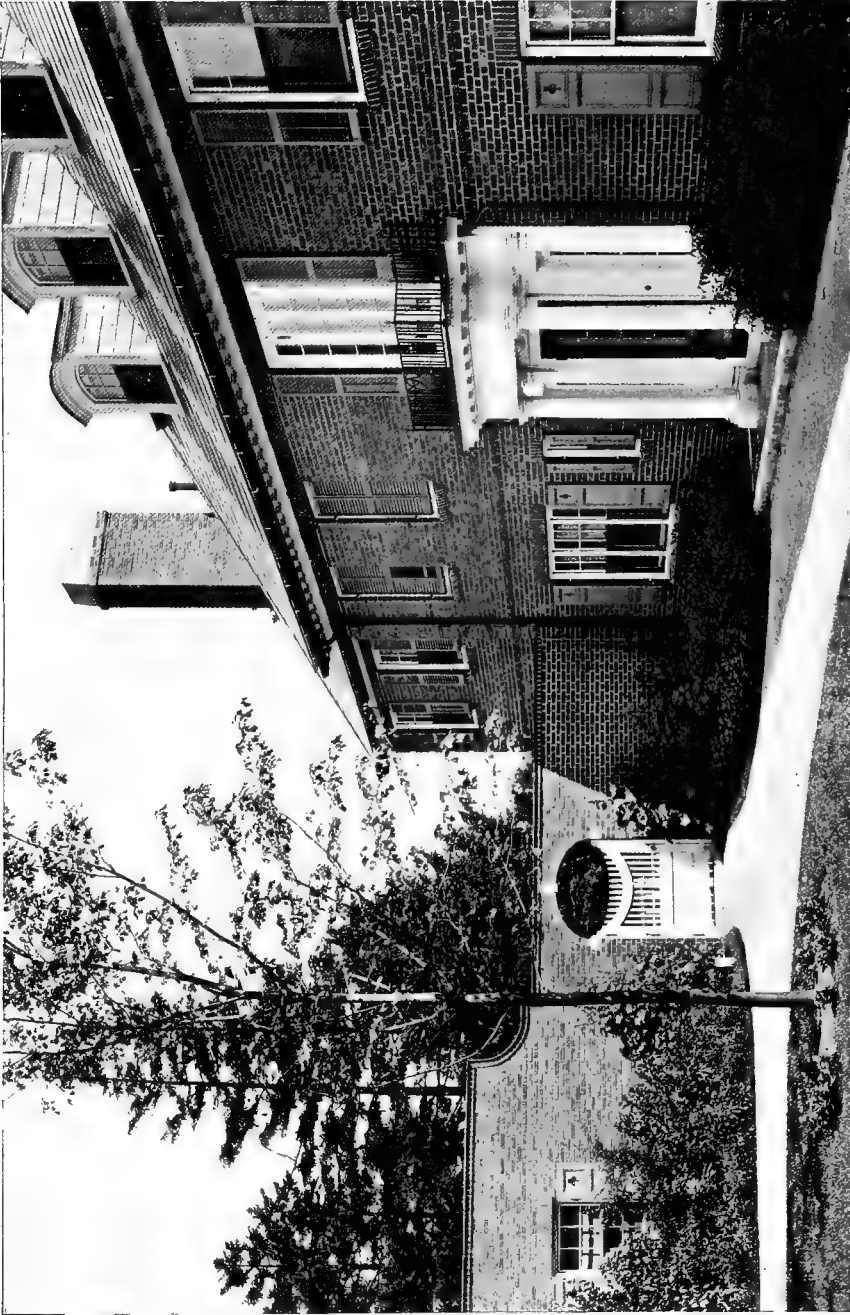


A GARDEN WITH A FOREST FOR BOUNDARY
*Grounds of Mr. Jonathan Godfrey, at Bridgeport, Connecticut. F. Burrall
Hoffman, Architect; Marian C. Coffin, Landscape Architect*

property chosen as will accommodate not only the building itself but the garden as well, in order that the two may be treated as a unit and the garden continue the lines of the house.

Preferably it should continue them away from the road or entrance side of the house in order to catch something of the remote feeling which belongs to woods and fields, and will not co-exist with automobiles and delivery wagons. These necessities should be provided for in such a way as to leave one side of the house free for garden, and as much of the grounds as possible unbroken by road; which means that forethought must be brought to bear when the house is being planned and such details settled as the position of the furnace, so that the finished house will not be discovered with a coal window accessible only through the flower garden, or a garage occupying the best possible outlook from the living-room windows. Nine times out of ten on a place too small to provide room for tucking the garage and outbuildings away out of sight from the house, these buildings will group advantageously near the kitchen wing, even form a part of the same structure by the use of such connecting features as grape arbors or trellis or the much-misused pergola. An arrangement by which the service portions of a place are kept together automatically guarantees one or more sides of the house open for lawn or garden, or both, and makes for convenience as well.

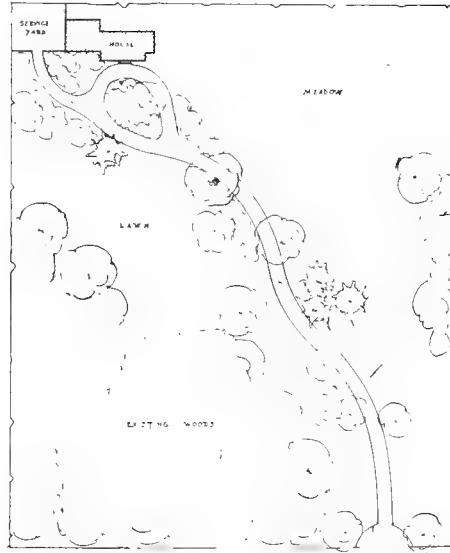
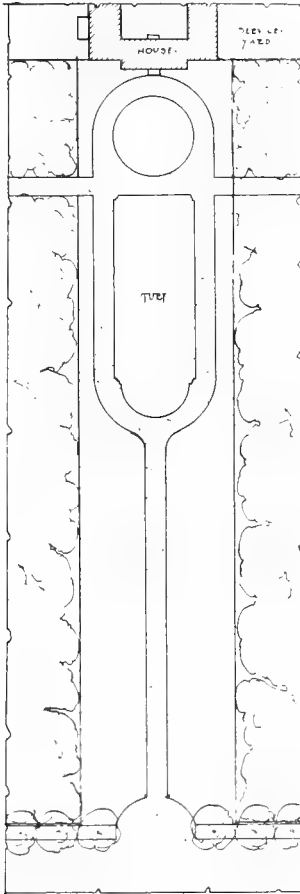
But with the wisdom of this plan admitted, it is often no easy thing to so place the group on the ground as to make it accessible from the street with any beauty or dignity of approach, not to mention ease and convenience.



A WALL WHICH CONNECTS HOUSE WITH GARAGE AND SHUTS OFF THE SERVICE YARD AS WELL

House of Mr. William H. Marland, Brookline, Massachusetts. Kilham and Hopkins, Architects

Sifted down to first principles, there are but three forms which an entrance drive may take. First, the drive which ends



FORMAL AND NATURALISTIC VERSIONS OF THE TURN-AROUND

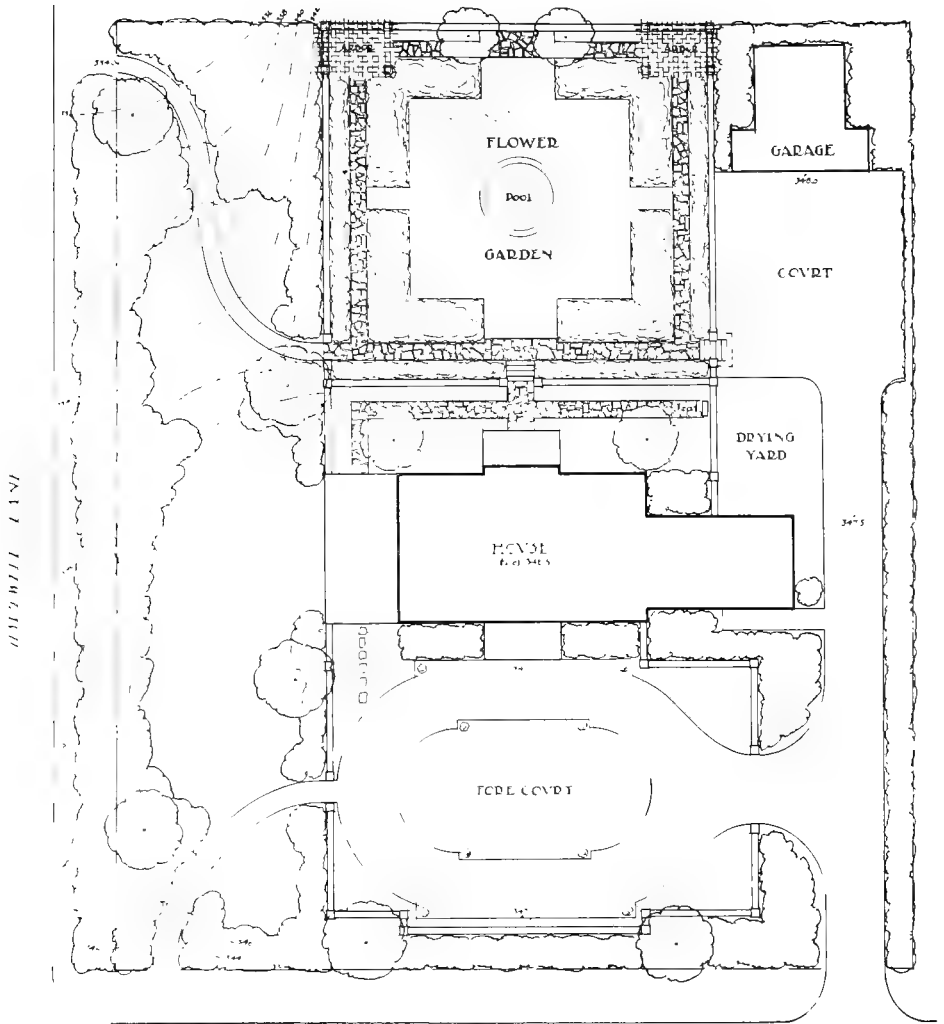
in a turn-around; second, the horseshoe or U-shaped drive; and third, the drive which terminates in a yard or court.

The first admits of more variation and amplification than the others, and is probably most often used. Formal and naturalistic versions of this kind of drive are shown side by side on this page.



A TURN-AROUND SIXTY FEET IN DIAMETER

Grounds of Mr. E. L. Winthrop, Syosset, Long Island. Delano and Aldrich, Architects



ST. MARTINS LANE

A COMBINATION OF TURN-AROUND
AND COURT

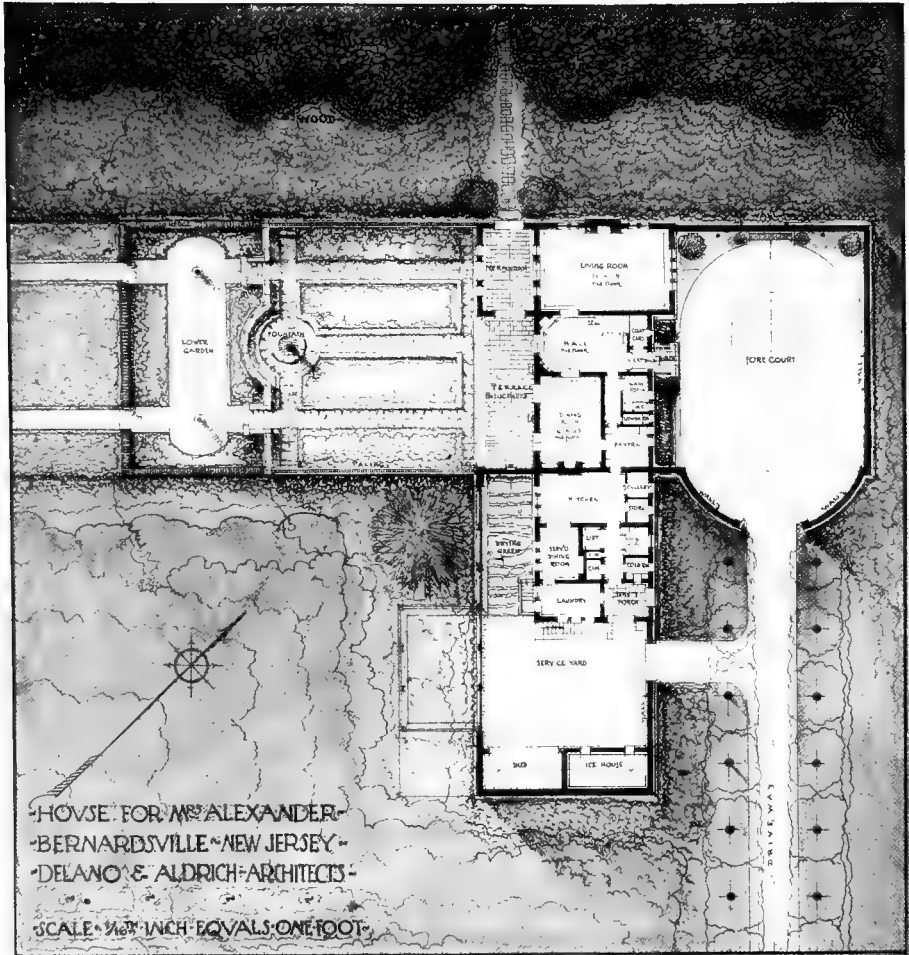
*Estate of J. Percy Keating, Esq., St. Martins, Pennsylvania.
Lay and Wheelwright, Landscape Architects*

The formal plan needs a great deal of space in order to make it effective, for the dignity of any vista depends largely upon its length, and such a scheme as this should not be attempted in connection with any but a formal house, with almost unlimited space in front of it. The freer sort of turn-around is more adaptable and can be managed in less room, for it is possible to so plant such a drive as to disguise its limits. But it is not possible to reduce these limits to a circle of less than sixty feet outside diameter, unless the entire turn-around be given over to gravel; eighty feet is a more comfortable minimum.

Mr. Keating's place at St. Martins illustrates a clever scheme for a drive on a small place. It is a combination of turn-around and court,—and occupies what under ordinary circumstances would be the entire front yard. The space inside the wall is 95 x 65 feet, and the drive is 15 feet wide. A straight service drive leads to the garage at the rear of the property, and it is worth noting in connection with this plan that the garage is off centre with the drive, so that from the street one may not look straight down the drive into the yawning doors of the garage. Curving the drive a little, so as to plant out the direct line of vision, accomplishes the same result, but requires more space than is available between property line and house, on this plan.

The plan and photograph of Mrs. Alexander's place at Bernardsville, illustrates much the same sort of entrance arrangement on a larger scale.

A turn which takes the form of an ellipse, or some variant of an ellipse, is more agreeable than the simple, obvious circle. The



COURTYARD-TURN

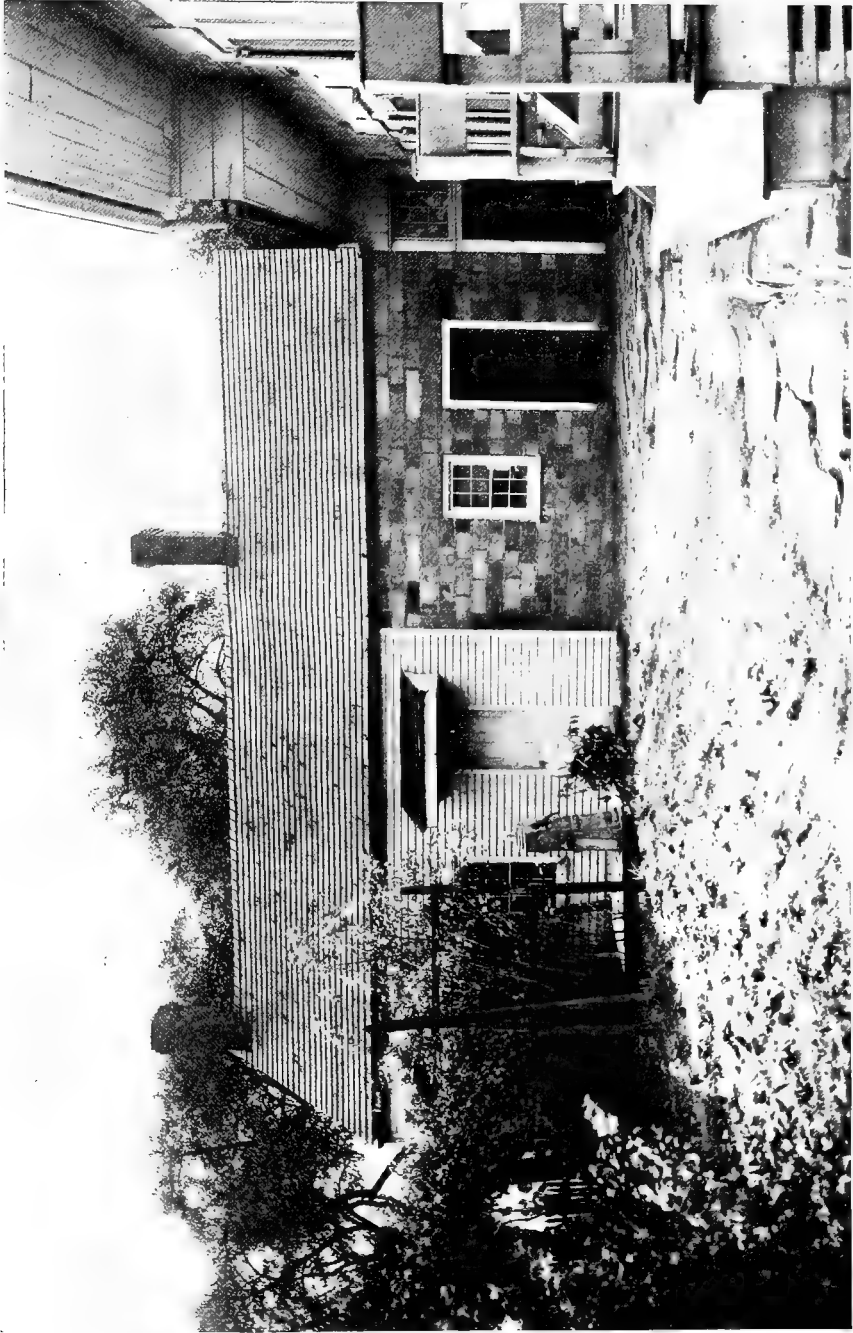
*Grounds of Mrs. Alexander, Bernardsville, New Jersey.
Delano and Aldrich, Architects*



WALLED COURT TREATMENT OF ENTRANCE DRIVE
House of Mrs. Alexander, Bernardsville, New Jersey. Delano and Aldrich, Architects

latter, because of its regularity of outline, is difficult to plant interestingly, and is apt to be left, except for a tree or bush in the centre, totally unplanted, with the whole turn barrenly visible. But like the failure of the book, whose end is readable from the beginning, to invite us beyond the first chapter, and the picture whose beauties are all apparent in a flash to hold our attention, the turn-around which is to be seen in its entirety lacks the charm which goes along with mystery; the well-designed road, on the other hand, does not reveal at once all that lies ahead, but contrives by a combination of form and grading and planting to lead up to the house in an inviting way. Even when the road is squeezed into the smallest possible compass, and there is no longer room left in which to imagine anything but how to get the automobile around in the least damaging way, a few shrubs and a tree or two are desirable, just for the sake of ornament. They may not create an illusion as to what lies ahead, but they take away an otherwise barren look and increase the apparent size of the turn by concealing somewhat its limitations.

The "horseshoe" or U-shaped drive is a useful subterfuge which offers an infallible way out of the difficulty of a drive in a shallow yard. It delivers one neatly at the front door and presents no disconcerting sharp turns or awkward necessities for backing, such as the cramped turn-around is apt to abound in. Its very obviousness is probably the chief argument to be used against it; this, and the fact that it necessitates two entrances. Like the circular turn, it is more often than not uninterestingly regular in outline, with its end too apparent from the beginning, though this latter objec-

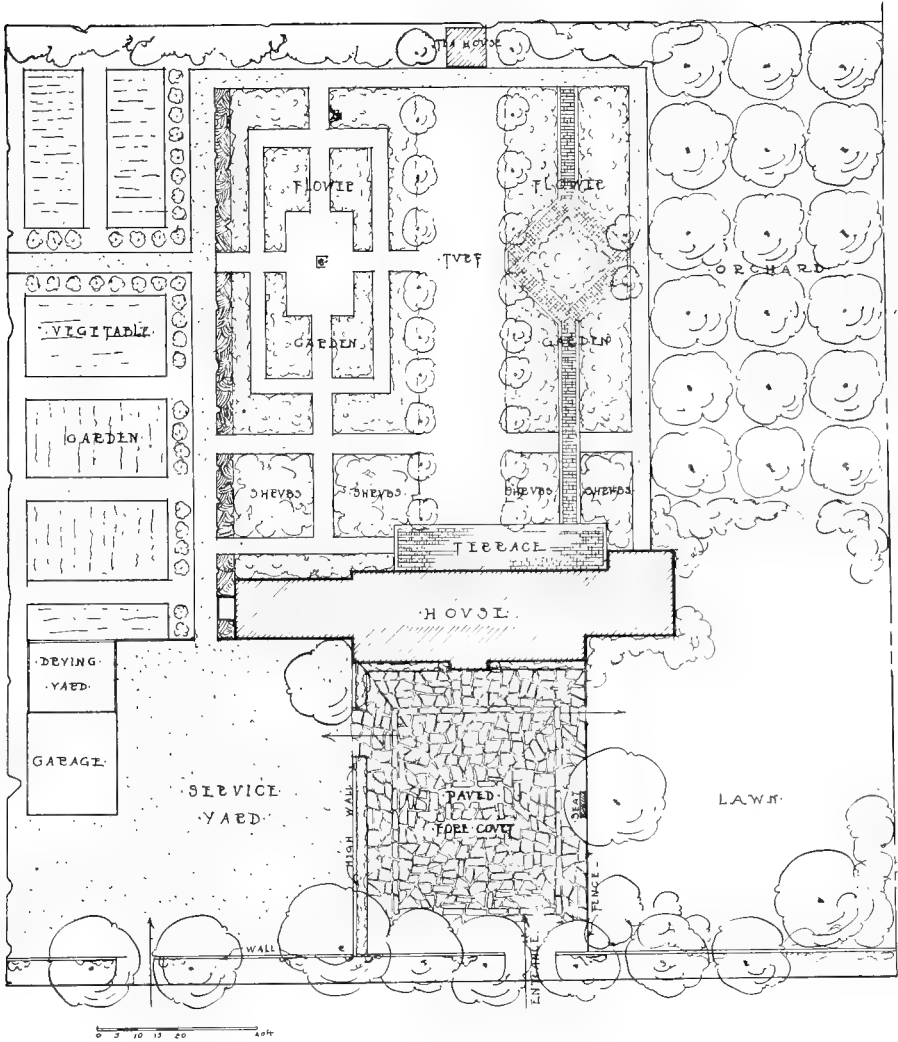


THE COURT YARD OF AN OLD DUTCH FARM HOUSE

The Andrew Haring house, at Northvale, New Jersey

tion can be met by skillful planting and grading. If the road surface be sunk slightly below the surrounding lawn, or, to put it another way, if the lawn be crowned toward the centre, the extent of the road will be minimized, and one side made almost, if not quite, invisible from the other. This, with planting in one or both of the curves, will reduce the effect of a drive which leads into a place only to lead out again.

The third sort of road, that which ends in a yard or court, goes about solving the drive difficulty in a different way from either of the other two. Instead of trying to minimize the extent of road necessary by a stretch of green in the centre, it sets aside a certain space for turning, surfaces it all over like the drive, and then walls it in, or fences it off, or plants it out. On a big place such a drive oftenest takes the form of a forecourt, and presupposes a more or less formal arrangement of buildings. On a small place a forecourt is seldom used, for the reason that it means sacrificing too much space in front of the house. But there is no reason why such a scheme could not be made very delightful, given a type of house adaptable to this treatment; a house which would take kindly to walls and fences and a paved English court. I am free to admit that I have never seen such a plan carried out in connection with the small house, but it is, I think, very well worth trying. The plan on page 17 illustrates the scheme, and embodies all sorts of ideas which do not appear on the surface, tall sunflowers and larkspur against a whitewashed wall, and a weathered bench under a twisted old tree, as well as the flagstones (which might be brick) laid in a pattern. A picture of one



PLAN OF A FORECOURT ON A SMALL PLACE

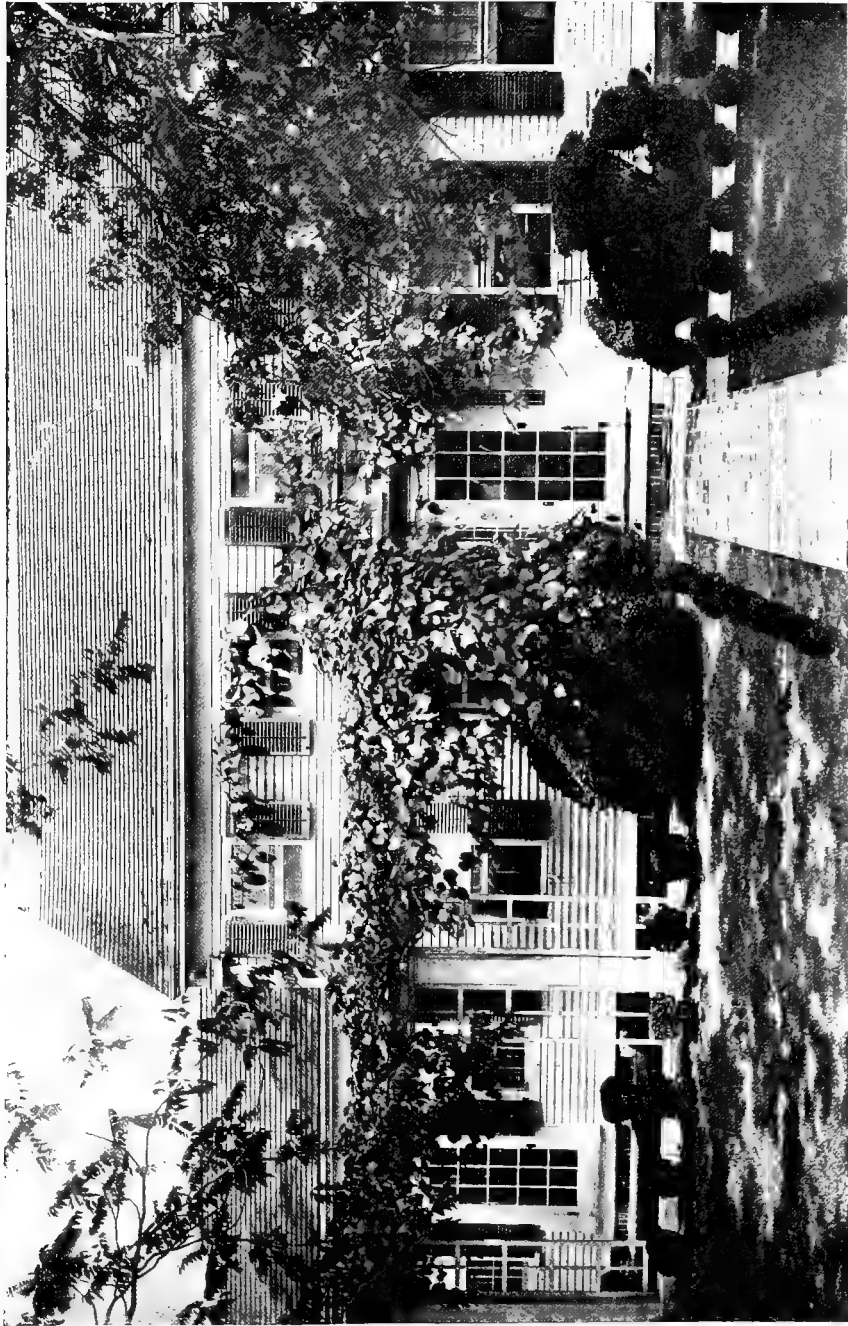
One way of solving the drive problem

of those story-book English courtyards will serve to illustrate the spirit of the thing.

Regarded from a strictly utilitarian point of view, the courtyard may be removed to the side or back of the house, and there used as a combination service and garage yard and turn-around. A car can back and turn in a space about forty feet square, which may be planted out so as to be practically invisible from the house. This arrangement, with a drive which runs alongside the house, probably cuts the grounds up the least, and entails the smallest amount of drive construction. It means, however, that no car has an exit without proceeding to the yard and turning, or else adopting the somewhat inconvenient expedient of backing out.

If the drive happens to be narrow, the grass borders and the owner's temper suffer correspondingly. A ten-foot road, widened to twelve or fourteen feet on the turns, is enough for one car to proceed comfortably. If the road be a long one this width is apt to look narrow, and should be broadened to twelve feet for appearance's sake. A twelve-foot road, however, is not wide enough for two cars to pass, and if this necessity is going to arise, the drive should be increased to fifteen feet.

The commonest material, and probably the most satisfactory, for drive construction on private grounds is crushed stone. Where stone is very plentiful locally, the foundation may be made of coarse stone with the finer layers on top, but in regions where stone must be shipped in, cinders may be used as a base. A crushed stone foundation sometimes obviates the necessity of subsurface



A PLEASING BOX-BORDERED FOOT-PATH

House of Mr. Marshall Fry, at Southampton, Long Island. Aymar Embury II, Architect



AN ANGLE ENTRANCE WITH A FLAG-
STONE FOOT-PATH

House of Mr. L. T. Beale, at St. Davids, Pennsylvania.
Mellor and Meigs, *Architects*



STRICTLY FORMAL BRICK WALKS
Garden of Mr. Charles W. Leavitt, Landscape Architect

drains, but in places where there is liable to be standing water any foundation will need drains of one sort or another.

A tile drain laid under one gutter will usually take care of the sub-drainage and may be utilized in carrying off the surface water by means of tiles run to it from the catch basins. All drains should be laid at least three feet six inches below grade in the region of New York, in order to go down below the frost line.

In cases where the sub-soil is a very hard clay which retains the water, two drains, one under each gutter may be necessary. The most important point in road construction is to have the sub-soil well drained, because thorough drainage is essential to a good foundation. A sub-soil which holds water will make the entire road soft and spongy, and no amount of top dressing will be of permanent value. For a careful and thorough treatise on road-making, see Mr. Ira Osborn Baker's "Roads and Pavements."

Gutters may be made of any one of a number of materials equally satisfactory. Brick, stone, asphalt block, concrete, are all structurally adaptable. But they all have the same unpleasant quality of defining the road, and making it stand out from the lawn. Sod gutters should be used whenever possible, or better still gutters should be dispensed with altogether in places where they are not absolutely necessary to carry off the surface drainage.

In the consideration of approaches to the house, one is apt to ignore completely the place of the footpath, which, in these days of plentiful automobiles, has happily become not entirely extinct. The idea of convenience in rainy weather, which makes all of us who have once suffered a drenching of our best clothes unwilling



COMFORTABLE LOOKING FLAG WALKS

“Brookside,” *Estate of Mr. William Hall Walker*
Ferrucio Vitale, *Landscape Architect*

to walk to the doorstep, is one which might well be sacrificed for the improved appearance of the grounds. A house which is nearer the road than seventy-five feet should content itself with a side drive and a walk.

Four feet six inches is a minimum width for such a walk, because a narrower path does not permit two people to walk abreast; nothing so cramps a place, and detracts from that spacious air of ease and dignity, which is one of its most desirable attributes, as narrow walks.

Materials for paths present a much wider range than those for drives, and it is sometimes hard to choose among the attractive array of bricks and tiles of various sorts, flags, stone, and slate, as well as the old standbys, crushed stone and gravel. I am purposely omitting cement walks from this catalogue because of their extreme ugliness. They are irretrievably harsh and glaring in appearance, and so far as I have been able to discover have no quality to recommend them except their great convenience. This under some circumstances, I am loath to admit, is sufficient.

Brick, tile, and gravel are best adapted to formal use, broken flags with the grass growing between are essentially informal in spirit, although the degree of formality of almost any of these materials is affected by the border treatment of the walk. For instance, no path with flowers growing close to its border and bending over the edge can be formal, strictly speaking. A turf border between the flowers and the walk contributes to its formality, and a trimmed hedge or coping along the edge practically insures it.

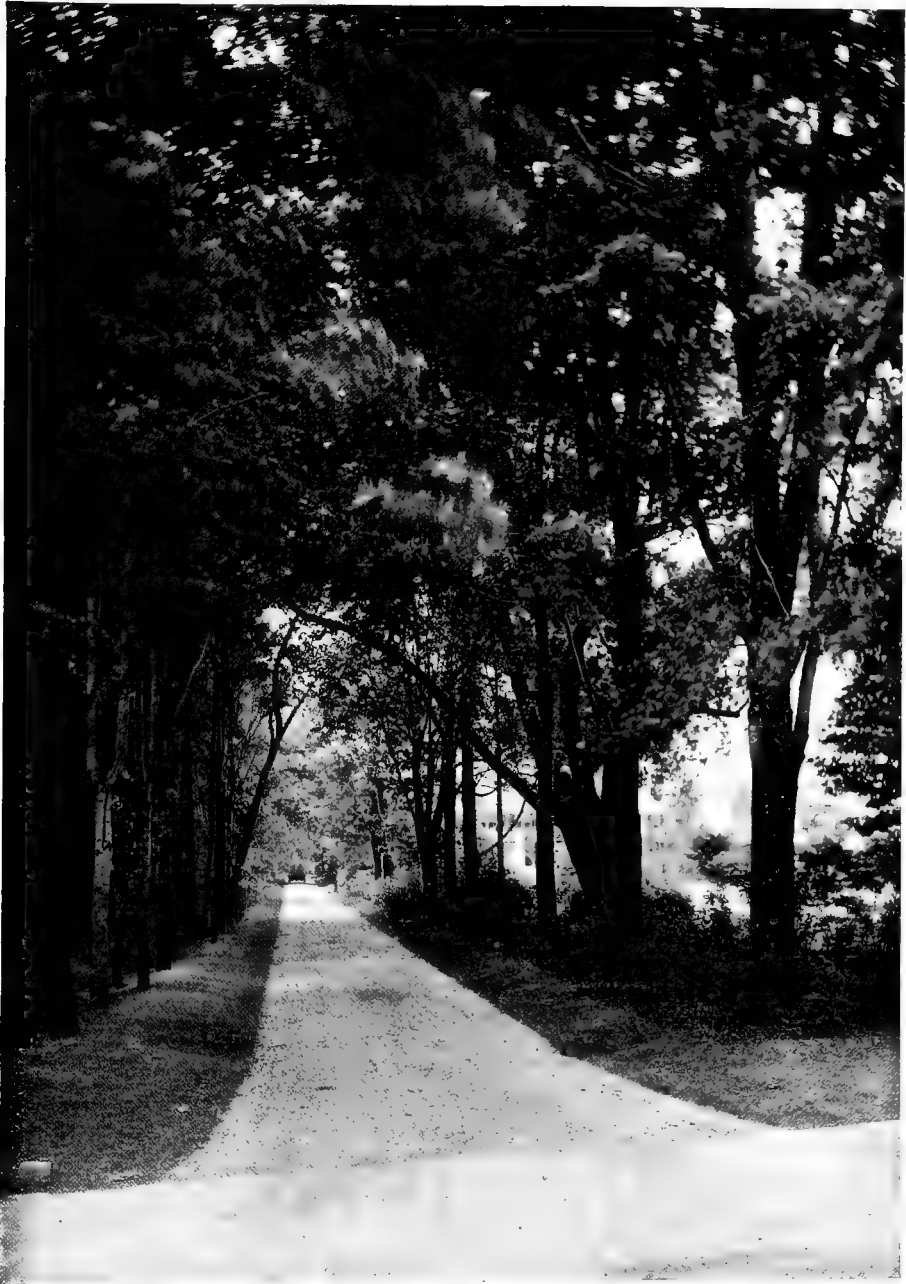


A FRIENDLY GRASS WALK

Estate of Mr. Michael Jenkins, Roland Park, Baltimore, Maryland. Sears and Wendell, Landscape Architects



A LONG FLIGHT OF SHALLOW STEPS
Estate of Mr. Samuel Heilner, at Cows, New York. Ferruccio Vitale, Landscape Architect



A DRIVE WHICH TAKES ADVANTAGE
OF A GOOD NATURAL SETTING

Residence of Mr. J. Brooks Nichols, at Detroit, Michigan.
Chittenden and Kotting, *Architects*

It seems hardly necessary to write admonitions against the needlessly serpentine walk. The path which winds its way across thirty unobstructed feet of front lawn is an error we like to think of as Victorian, for almost every one has come to realize that a path, in order to curve pleasingly, must have some excuse, either natural or artificial, for curving. The average dooryard path performs its duty best and is therefore most attractive in running a straightforward course from gate to door. The inevitable exceptions to this rule bring their own solutions.

The two points which remain unconsidered in a choice of the house site—drainage and grading—are more or less interdependent. When the question of good drainage arises the prospective house builder naturally looks about for a hill on which to place his house. And in this connection a popular fallacy has grown up about the location of the house which is as firmly adhered to, as is the idea that stripes make fat people look thin. If a piece of property offers a choice of sites, one of which is a hilltop, the owner invariably chooses the highest point, telling himself that high ground is healthful and that low ground is the haunt of mosquitoes, dampness, and disease; and that, moreover, the view from his hilltop is unexcelled and affords a complete panorama of the countryside. What he overlooks in such a choice is that his view probably includes all of his neighbor's houses and barns, whereas if he were just under the brow of the hill he would escape these, along with the racking winter winds of the hilltop, and at the same time have the feeling of greater space and breadth which comes with privacy. Almost always his own place will



A TERRACE OF GOOD WIDTH

“Brookside” Estate of Mr. William Hall Walker, Great Barrington, Massachusetts.
Carrere and Hastings, Architects; Ferruccio Vitale, Landscape Architect

offer no end of delightful little views of its own, which are far more entertaining and various than the impersonal and tiring (if seen constantly) panorama of the whole countryside. This view would be much more effectively reserved as an occasional treat to be seen from a garden house reached by climbing a winding path up the hill, than it would be if constantly spread out before one.

From the point of view of economy, a hilltop usually means more road construction and steeper grades than a hillside, and, if one happens to be concerned about this item, more landscape work. By the time the house has crowned the hilltop it is apt to have surmounted all of the trees, and sticks up bare and commanding above their tops. Down a little lower among the foliage of the trees, with the hillside as a background, it would fit much more agreeably into its surroundings and form an infinitely more pleasing picture than outlined starkly against the sky.

Drainage would seem on the face of it to be taken care of by nature for the house on the hill; as a matter of fact it has problems of its own, especially if the hill be steep, quite as difficult as the house on bottom land with a marsh to be drained. Rain torrents, which rush down the road carrying its surface along, must be provided for by frequent catch basins and adequate drains. Lawns are apt to be difficult to get and maintain, complicated often by the necessity of steep terraces or their costly alternative, retaining walls. The problem of too little water with which one is confronted on the hilltop is less easily and more expensively solved than that of too much, which dampens one's enthusiasm for a bottom land site. Agricultural tile drains are simpler, much



A TERRACE OF GOOD WIDTH WITH
STEPS TOO OVERGROWN

*House of Mr. Charles P. Leach, at Ipswich, Massachusetts.
Kilham and Hopkins, Architects*

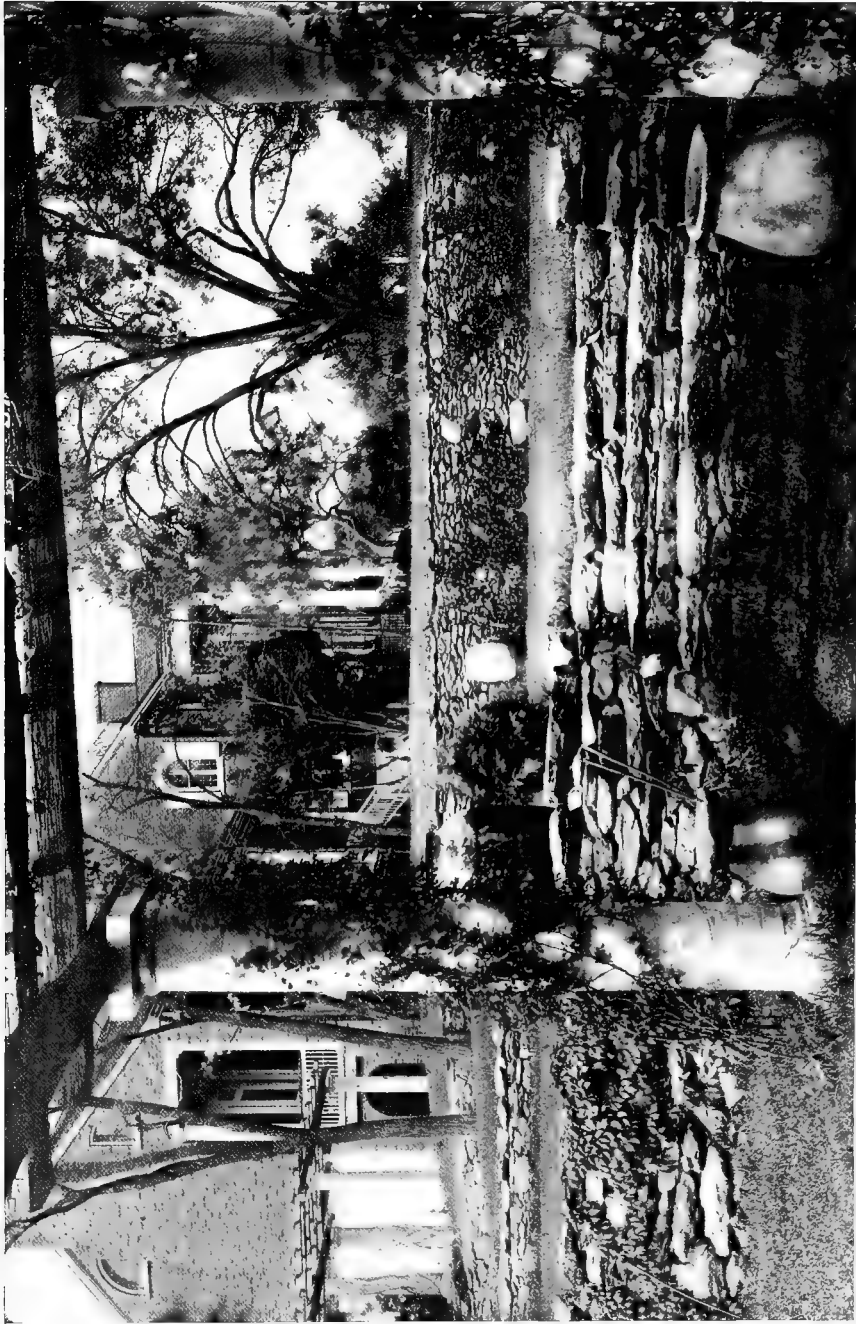
cheaper, and more reliable, however, than pumps and wells, and raise a point worth a second consideration in the location of one's house.

It is an axiom that the general slope of the land should be away from the house, an axiom which refers to the land immediately surrounding the house, however, rather than to the entire grounds. It might appear, for example, that a house placed twenty feet from the foot of a hill would be more or less inundated after a rain, by surface water running down hill. But the simple expedient of grading the intervening twenty feet, with a pitch toward the hill would prevent such a disaster.

Any house built on hard clay or rock is apt to be troubled by dampness or actual wetness from the subsurface water, unless it is provided with a foundation drain. This is exactly what its name describes—a drain laid around the foundations of the house to carry off the water which invariably collects where the soil is least dense.

But the value of grading is not confined to its usefulness in relation to proper drainage. It adds to the beauty of the grounds or detracts from it materially, according as it is skillfully or poorly managed.

On approximately level ground the problems of grading are apt to be less troublesome, though not so interesting in results as those of a more uneven site. It is a mistake to flatten out too ruthlessly irregularities in surface, for more often than not a garden built on different levels has greater charm than one which presents an even stretch to the eye. Even a slight difference in levels may



AN INTERESTING SERIES OF DRY WALLS

“*Huntland*” Estate of Mr. J. B. Thomas, Middleburg, Virginia. Peabody, Wilson and Brown, Architects

sometimes be emphasized to good advantage, and the apparent drop from one point to another exaggerated. Mr. Ferruccio Vitale has accomplished a pleasing deception of this sort in the garden of Mr. Samuel Heilner, where the actual difference in heights is only three and one-half feet. By making shallow risers and tilting the tread back so as to lose an inch or so which has to be regained on each riser he has made the flight of steps much longer than is necessary, and in so doing has created the illusion of a real hill.

In many ways the casual observer may be hoodwinked by such differences in levels. A perfectly flat piece of land always appears slightly concave, and needs a small crown in order to make it seem flat. Moreover, the effect of a concave surface is decidedly to shorten a stretch of ground, which, on the other hand, may be equally lengthened in appearance by a convex grading. Any artificial variation in the surface of land which is naturally flat should be small or spread over big surfaces, in order not to seem stiff and unnatural. Abrupt differences in levels, when they become necessary, may be softened by planting. Naturalistic groups of native shrubs and trees planted at strategic points, such as the junction of a level stretch and the beginning of a slope or on an awkward rise, will excuse a grade which, bare of planting, would seem forced and unnatural. Such artificial changes in level are extremely useful. For example, shrubs or trees planted with the idea of shutting out unpleasant objects will, under most circumstances, accomplish this end much sooner for having the head start offered by a hill or mound. Grading the boundary up



A TERRACE WALL AND IRON RAILING
*Detail of the Garden of Mr. Charles A. Platt, Architect, at Cornish, New
Hampshire*

along a street to be screened means sinking the street just so much below the level of the eye and increasing the value of the planting by the additional height of the border. On the other hand, cutting down a flat stretch may disclose a very pleasant outlook, and will always have the effect of bringing the object revealed nearer to the point of view.

Getting enough variety into flat land is, for the small place at least, a simpler process and always a less expensive one than eliminating the too great variance in a hillside site. A house to be thoroughly pleasing must have the appearance of ease and dignity which comes from fitting comfortably into its surroundings, and if it is designed in the beginning to fit the different levels of a hillside it will demand less in the way of grading at the end. It is not easy to create landscape; to move in a site to fit a house after it is built. Any house is bound to have an unpleasantly new appearance for some time after it is completed, and it is far simpler to place the house where old trees and a sufficiently level stretch of land invite it, than to import these afterward to give it the look of belonging in its surroundings.

Next to appropriateness in the design of the house itself, probably the most important factor in the success of a hillside house is the terrace or terraces on which the house stands. Some of the uncomfortable looking buildings one sees sliding down hill make it seem impossible to build a terrace too wide, although, even if this were a serious danger, the expense of grading would usually prevent such a circumstance. There is much to be said for the distressing condition of the man on a rocky hill where "soil is



A RETAINING WALL WHICH IS MORE INTERESTING
THAN A GRASS SLOPE WOULD BE

Forest Hills Gardens, Forest Hills, Long Island. Grosvenor Atterbury, Architect

worth its weight in gold," but this scarcity of materials is something which must be anticipated and the house designed to grow up out of the hillside, without the need of a wide platform to give it the look of stability.

A good general rule to follow in determining the width of terraces is to make them equal to the distance from ground line to eaves, with a minimum width of twelve feet. The picture of the Walker house illustrates an ample terrace and the effect which it gives the house of spacious dignity. An architectural treatment of a terrace such as this (or one in a simpler style), if it is well done, is apt to be rather more satisfactory than a terrace ending in a grassy slope. In other words, a retaining wall for portions of the grounds near the house or those connected with the garden is more desirable than a turf bank. A grass terrace is always somewhat indefinite as to ending and somewhat difficult to stop. For naturalistic work, where the terrace may be treated in an irregular manner and allowed to fade away into the surrounding lawn, it is satisfactory enough, but where it is used architecturally and made to conform to a regular outline it is both stupid and awkward to handle. Further than this, grass on a slope, if it be at all steep, is difficult to maintain and liable to burn out in midsummer.

A wall, on the contrary, offers no unpleasant obstacles to maintenance; it gains additional space for the garden and offers no end of opportunities for interesting treatment. Unlike the vague terminus which the grass slope forms, it provides a definite point at which to stop the terrace and an opportunity to treat its top with



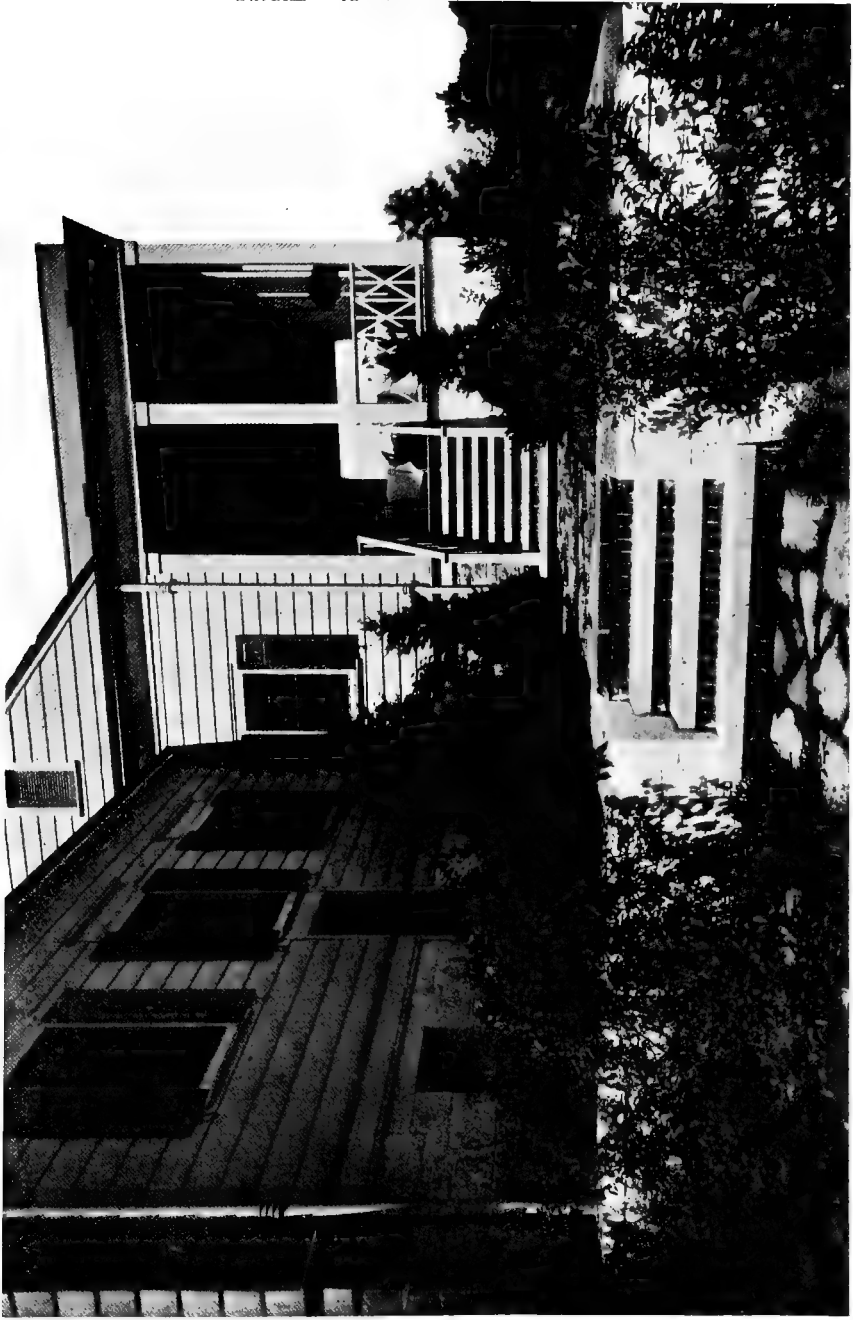
APPROPRIATE MATERIALS FOR THE
SIZE AND CHARACTER

“Weld,” *Garden of Mr. Larz Anderson, Brookline, Massachusetts.* Charles A. Platt, *Architect*

a balustrade or railing or planting, for some form of coping is desirable to give a finish to the terrace and prevent the "falling-off" feeling one has in the absence of such a boundary. Unfortunately walls are costly of construction and must often for this reason be supplanted by grass terraces. But wherever it is possible, walls should be given the preference and welcomed as opportunities for adding interest to the garden. The picture of "Huntland" would be stupid indeed if the series of dry walls were to be replaced by grass banks, and a slope of turf would make but a poor background to Mr. Platt's garden in place of the walled terrace with its pleasing iron rail.

Good use is made of retaining walls in connection with the houses designed by Mr. Grosvenor Atterbury at Forest Hills, Long Island. Here each house has but a small door-yard, three or four feet above the level of the sidewalk. Instead of terracing this down to the sidewalk—the usual treatment for such yards—a wall built back, a foot or two from the edge of the walk in order to leave space for planting at its base, takes care of the difference in levels, increases by a few feet the size of the front yard, and adds immeasurably to its attractiveness both inside and outside the wall.

A choice of materials for the retaining wall would inevitably be influenced by the two factors: appropriateness, both to the style of house and the kind of garden, and availability, which is bound up with the circumstances of cost. It goes without saying that a wall of fine cut ashlar work would be out of place in a small, unpretentious garden, and that, on the other hand, rough field

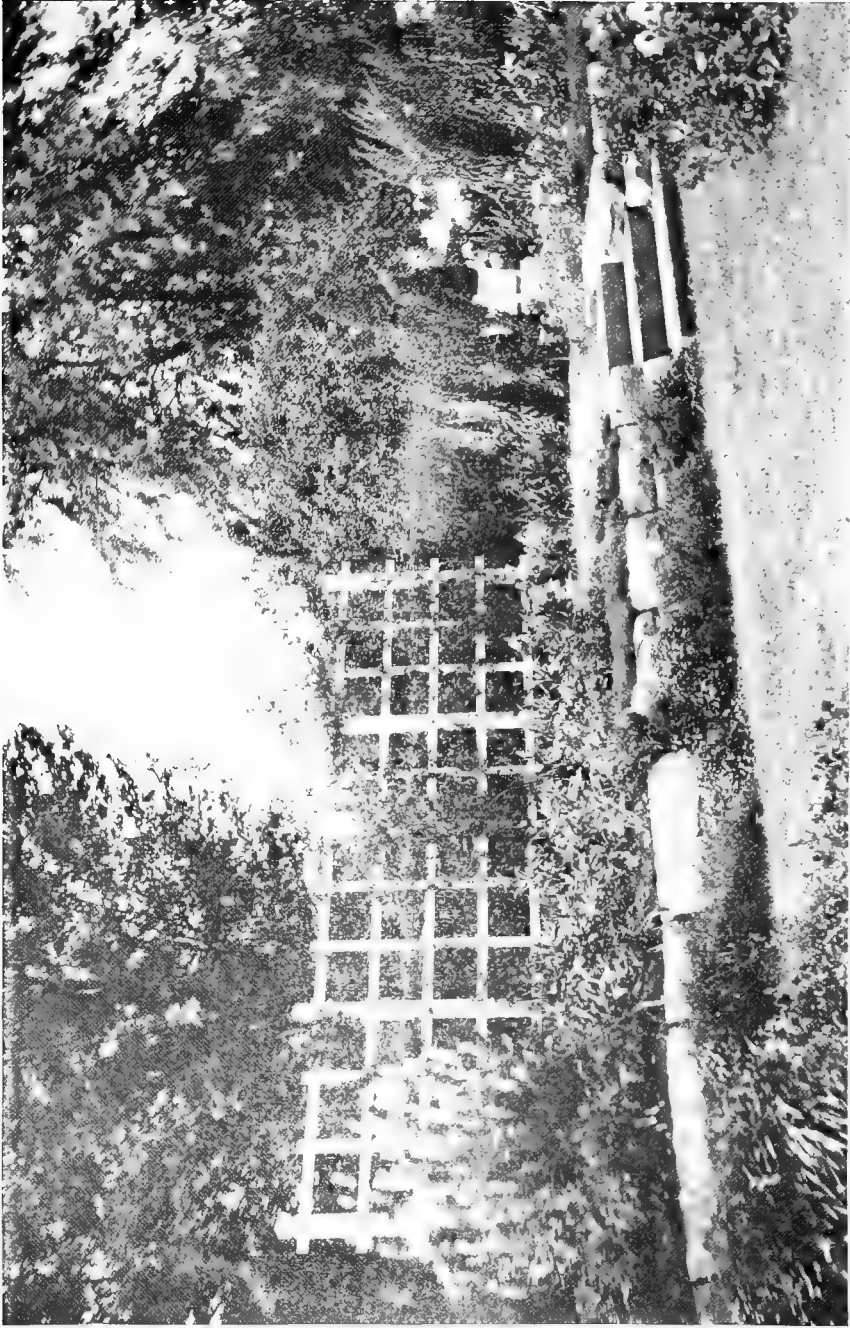


A COMBINATION OF MANY MATERIALS WHICH IS
NOT UNPLEASING

Knickerbocker Golf Club, Tenafly, New Jersey. Aymar Embury II, Architect;
Ruth Dean, Landscape Architect

stone would be poorly suited to a formal garden of the size and character of "Weld." The garden is tied to the house and made a part of it, or alienated from it as much by the materials used in construction work as by any other one factor, and those of the house should at least be recalled in some way in the garden. The retaining wall of the terrace at the Knickerbocker Country Club is a continuation of the foundation wall of the house constructed of native sandstone, whitewashed; and the marble treads and brick risers of the steps are similar to those of the porch. Incidentally, this offers an example of a happy combination of several materials.

In a country like the blue stone regions of Pennsylvania or the granite hills of New England, stone suggests itself as the natural material for walls, although even where it is so plentiful it is unhappily not always the cheapest material. A stretch of Long Island coast land, on the other hand, with sand or gravel ready to hand makes concrete almost imperative. Unfortunately, the surface of a concrete wall is difficult to treat interestingly, for it has a natural flatness of tone that is almost impossible to enliven. Leaving the surface unfinished with the marks of the molds upon it, plus a generous planting of vines and bushes, constitute the best treatment for this kind of wall. A very pleasing surface may be got by the application of a coat of stucco, but this brings the cost up very nearly, if not entirely, to that of brick. Stucco over hollow tile, where the construction of the house is similar, is a good choice of materials. But any stucco or concrete wall needs to be combined with some other material such as brick or tile to make



A GOOD DRY WALL WELL PLANTED

“The Knoll” Estate of Mr. Alvah Crocker, at Fitchburg, Massachusetts. Olmsted Brothers, Landscape Architects

it interesting, and good examples of such combinations are given in the chapter on garden architecture.

Stone walls laid up dry have the advantage of taking on an air of age more rapidly than other kinds, and there is no doubt about the fact that age, as far as gardens are concerned, is desirable. The crevices between stones offer hospitality to moss and rock plants, which soften the appearance of the wall and make it as much more interesting than a plain surface as is a printed page than a blank sheet.

Sometimes old stone walls, which in former days marked cornfields from pasture land on the farms of our grandfathers, have been successfully moved with their mosses and lichens to contribute the dignity of age to a new garden; but the classic example of the man who purchased at a handsome price an old moss-covered barn, had each stone wrapped separately and conveyed to the distant spot where he proposed to build his house, only to lose these painfully acquired mosses because they did not like their new home in the sun, offers a warning to those who would beat Nature at her own game.

The steps which retaining walls necessitate are not always the pleasing features of the garden it is possible to make them, principally because they are apt to be too small. Sizes which look well in the house are not roomy enough outdoors, for the scale of garden work should be much larger than that of house work. A room eighteen by twenty-eight feet is considered a fairly large room, but a garden eighteen by twenty-eight feet would scarcely divide into two flower borders with a path between. Similarly



A GOOD FLIGHT OF STEPS IN A
RETAINING WALL

Forest Hills, *Long Island*. Grosvenor Atterbury, *Architect*

twelve to thirteen inches is wide enough for the treads of steps indoors, and seven inches not too high for risers; outside the treads should be broadened and the heights of risers lessened if an agreeable effect is to be obtained. A tread fifteen inches wide used in conjunction with a six-inch-high riser is a very comfortable allowance; a higher riser is apt to result in a steep looking flight of steps. Treads wider than fifteen inches should, of course, be used with risers less than six inches, following a general rule that the product of the height of the riser and the width of tread in inches should be about ninety; the smaller product of seventy-two is adopted for indoor work.

Breadth is also very essential to the comfortable appearance of steps. This should vary with the extent of the wall in which the steps occur and the difference in levels, or the length of the flight. No rule can be given by which such breadth may be determined, because it is a matter which feeling for good design alone can dictate; but it is safe to say that no steps should be made too narrow for two people to walk abreast (which would establish a minimum width of four feet), nor so large as to overpower the garden to which they lead.


The wing walls, necessitated by steps which project to any extent beyond a wall, are often the means of spoiling the appearance of the steps. Generally speaking these walls should be kept as inconspicuous as possible, for it is easy to make them clumsy and heavy. Good architectural treatment of course may turn them into truly decorative features, but in any case the angle or pocket formed by a projecting flight of steps is awkward—and it

is best to play safe and sink the steps partially, if not wholly, inside the wall. Especially is this true of a long flight—because the appearance of length is greatly increased when the entire flight is plainly visible.

General Planting

CHAPTER TWO

GENERAL PLANTING

 UNDER the head of "General Planting" come all those miscellaneous kinds of planting which cannot be included in that of the garden proper. Foundation planting, border planting, the planting along drives and walks, screen planting, specimen planting, and miscellaneous flower planting—all of these are worth discussing separately, because very often one of these kinds, or a combination of two of them, constitutes all the gardening which is done about a place.

Foundation planting, or the planting about the base of buildings, should have for its purpose not—as the nursery catalogue would lead one to believe—masking the foundations, but making the house look as if it belonged in its surroundings. There is nothing about an honest foundation wall that needs concealing, and it is unnecessary and undesirable that the house should grow out of a solid bank of shrubbery in order to hide something which, as likely as not, the architect has been at some pains to make interesting. A judicious amount of planting here and there about a house—at the corners or in angles, with something tall to carry the green line up where there are no windows, and lower growing

things where there are—will take the raw new look away from a house and tie it down adequately to the lawn's green carpet.

The first requirement for the right sort of foundation planting, and, for the matter of that, the last too, is appropriateness. All the other requirements, namely strength, permanence, and proper scale, are included in this one term.

Probably the most common of the inappropriate sorts of foundation planting is that which appears to consist of one each of all the different kinds of evergreens contained in the nurseryman's catalogue. Every suburb and real-estate development abounds in houses whose foundations are surrounded with a lot of little yellow and green and blue balls, cones, and pyramids, which present a bristling, unnatural look and contribute nothing of repose or dignity to the house. What could be less appropriate, less calculated to make the house look as if it belonged to its particular bit of country, than this collection of "specimen" evergreens? "Specimens" is the term which most truly describes them, and as such they should be placed in arboretums. An exclusively evergreen planting is always bad because the trees are too decided and definite in form; they need the more graceful, branching, deciduous things to tie them together.

The chief quality on which evergreens rely for their popularity—the quality which endears them to most people—is their evergreenness. And, indeed, their color in the winter landscape is very desirable, but other colors than green contribute cheer to winter's dullness—and shrubs with colored berries and branches may be combined with the evergreens into a much more pleasing:



FOUNDATION PLANTING SHOULD TIE THE HOUSE
INTO ITS SURROUNDINGS

*House of Mrs. George N. Gales, at Great Neck, Long Island. Aymar Embury II,
Architect*

and natural-looking planting than one of evergreens alone. This is true of rhododendrons as well as of conifers, for a house which rises up out of a heavy somber bank of broad-leaved evergreens fits as poorly into the landscape as one whose base is concealed by ranks of little conifers.

Some of the berried shrubs which add to the agreeable appearance of a foundation planting, as much by their graceful habit of branching as by their colored fruits, are the barberries—*Thunbergii* and *vulgaris*; high bush cranberry (*viburnum opulus*), which provides from its bright clusters food for the birds all winter long; other members of the *viburnum* family: *dentatum* or arrow-wood, *plicatum*, *tomentosum*, and *Carlesii*, which has a wonderfully fragrant flower; the honeysuckles, Indian currant, and snowberry; *ilex Sieboldii* (a little known but very brilliant berried shrub); and the red stemmed dogwoods. Of these, *berberis vulgaris*, all the *viburnums*, the honeysuckles, and dogwoods grow to be big shrubs and ought therefore to be planted where they will not interfere with windows. Another shrub with an impossible name but with the unusual possession of turquoise colored berries is *Symplocos Crataegoides*. Its berries ripen at the same time as those of the Tartarian honeysuckle, and the two shrubs make a brilliant combination. Most of these shrubs have attractive flowers as well as berries, and thus provide at the same time for the summer and winter appearance of the base planting. A few shrubs interesting chiefly for their summer dress do not come amiss in any group near the house, and some of them look especially well with the dark foliage of evergreens: lilacs, white



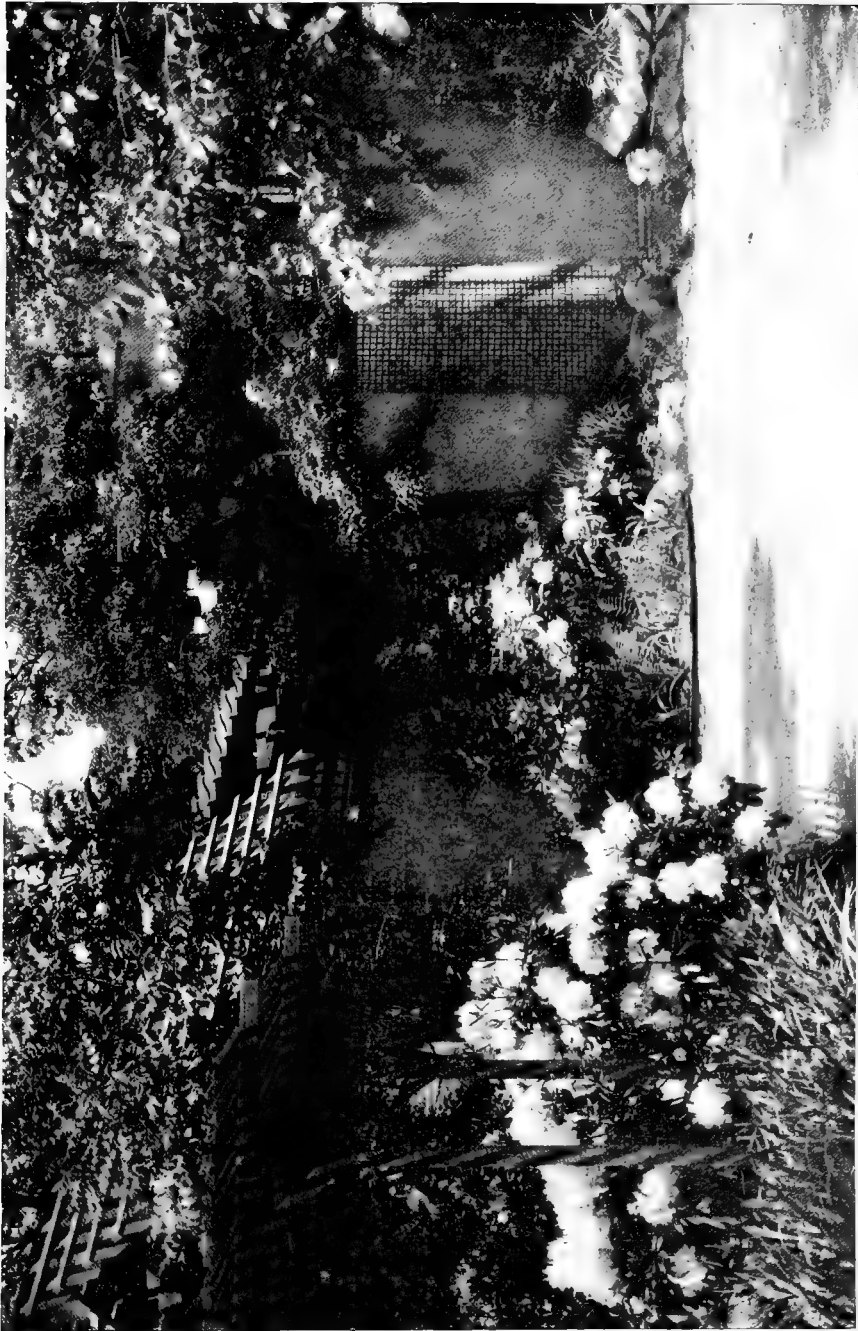
AN INTERESTING COMBINATION OF MATERIALS
*Garden of R. B. Ward, Esq., at New Rochelle, New York. Thomas W. Sears,
Landscape Architect*

and purple; deutzia, Pride of Rochester, pink weigelia, and spirea Van Houttei are all good stand-bys which improve by their presence any planting of evergreens.

Another danger to be avoided in connection with evergreens near the house is the use of forest trees. In most cases, either eagerness for a quick effect or ignorance of the real character of the trees is responsible for their presence close to the house. But whatever the cause, it is not an uncommon sight to see the windows of houses five years or so old being overgrown by hemlocks, white pines, spruces, and firs. These are all big timber trees, and for this reason are extremely inappropriate planted against a house wall. They belong out where they have room to stretch and grow into the dignified trees Nature meant them to be.

Some of the smaller, less-spreading trees, such as cedars, arbor vitæ, and retinosporas, may be used against the house if they are planted where they will not come in the way of windows. At either side of an arch on the W. E. Seeley house at Bridgeport, cedars are well placed where they emphasize the entrance and will not grow out of bounds.

Quite at the opposite end of the scale from forest trees are flowers as a foundation planting, and for a correspondingly opposite reason they are inappropriate. I refer, as in the case of evergreens, to flowers used alone. Some of the stronger growing sorts, planted in connection with shrubs or vines, as Miss Coffin has used lilies and peonies along the piazza of the Edgar house, are both pleasing and appropriate; but the border of pinks and pansies or cannas and scarlet sage which very often forms the



RHODODENDRONS ARE BEST COMBINED WITH OTHER
KINDS OF PLANTS

Forest Hills Gardens, Forest Hills, *Long Island*. Olmsted Brothers, *Landscape Architects*

sole decoration around the base of a big house is too obvious a violation of the requirements of good foundation planting not to be censured.

Flowers alone lack strength and that feeling of permanence which good base planting should have, and, moreover, they are out of scale with the size of the house. They need shrubs or vines as a background to make them count as a mass rather than as individuals, and to leave something growing in their stead when they die down at the end of the season.

By the term border planting—the second of the miscellaneous sorts under the head of general planting—I mean combinations of shrubs, or shrubs and trees, such as one finds planted along a fence, substituted for a fence at the edge of a piece of property, around a garden, or at the end of the lawn. These borders divide themselves into two classes: naturalistic or woodland borders, and *gardenesque* or suburban.

They are two very different types, and a sharp line should be drawn between them, because, in practice, distinguishing the two makes all the difference between a commonplace garden and one with a really individual quality; or, in bigger landscape work, the contrast between a scheme grandly conceived and one which is petty in spirit.

The first sort of planting is made up of native trees and shrubs—those which grow naturally along meadow hedgerows or in woodland borders; this kind of border should be used away from the house and the cultivated garden, in places where a transition is to be effected between the wild and the cultivated, or where the



CEDARS USED PROPERLY NEAR A
HOUSE WALL

House of Mr. W. E. Seeley, Bridgeport, Connecticut
Murphy and Dana, Architects

spirit of native things is to be introduced or preserved. This bigger, freer sort of planting should be founded on the particular kind of landscape in which it occurs, and should follow Nature as closely as possible. A lowland border would not be composed of the same trees and shrubs as would an upland border, nor would either of these plantings be the same in Illinois and Massachusetts. Any naturalistic planting should express the character of the land where the border is being planted, so as to bring out the individuality of different parts of the country. Discard the bad characteristics of your especial piece of property, pick out its good features, and emphasize them, if you wish your garden different from your neighbor's, with a quality of its own.

If you have a stream on your place plant the borders near it with those shrubs and trees which grow in the neighborhood of water: alder, red-stemmed dogwood, the lacy, yellow-flowered spice bush, willows, birches (black and white), elderberry with its white panicles of fragrant flowers (which turn into berries that make the most delicious pie in the world), arrow-wood which also has white flowers—deceiving white flowers, for they tempt one into smelling them and then offer a vile reward; button bush, with its shining leaves and white balls—and an indefinite list of other friendly things, which like low places better than high.

And then if your border goes up hill, plant in it the shrubs which do not mind burning in the sun of a long hot July afternoon—sumach, wild roses, hawthorn, crabapple, sassafras, bayberry, red bud, and witch hazel. But above all things, in planting



AN EXCEPTION TO THE RULE OF NO
FLOWERS ABOUT THE HOUSE
FOUNDATION

Garden of Mrs. J. Clifton Edgar, at Greenwich, Connecticut
Marian C. Coffin, Landscape Architect

such a border as this, keep out the petty *gardenesque* feeling—one weigelia will ruin the character of a whole group of field plants; save the nursery shrubs for the flower garden and the planting near the house.

The converse of this warning is not true—any number of native shrubs and trees can be introduced into a border of lilacs and spireas and altheas, without hurting it in the least; but one shrub of this tamed company is enough to dispel the illusion of an entire naturalistic planting. The same strict rule is observable in connection with evergreens; cedars, white pines, Douglas spruce, and other native evergreens take their places very properly in woodland plantings, but retinosporas, cryptomerias, golden arbor vitæ, smack of the nursery—and destroy utterly the free spirit of the woods and fields.

Some landscape architects never get away from the suburban type of planting. Their *materia medica*, so to speak, consists of the contents of the nursery catalogues, and they treat a big park just as they would a little garden plot, using over and over again barberry, snowberry, forsythia, mock orange, and spireas, with perhaps a few native shrubs mixed in, out of deference to a dim idea that parks should be planted a little differently from small places. But the big conception that country is only to be introduced into city by means of fidelity to country planting, or that the spirit of existing country, its own particular charm, is to be preserved only by adherence to the example it sets, quite escapes them. A big meadow will never have the feel of a real meadow, will never be anything but an enlarged lawn, unless it be fringed



PLANT A POND WITH THOSE TREES AND SHRUBS
WHICH GROW NATURALLY NEAR WATER

"Gravetye" Estate of William Robinson, Esq., at Kingscote, Sussex, England. Courtesy of
Mr. Thomas W. Sears

with true meadow planting; the petty suburban feeling creeps in by way of privet and weigelia and deutzia—and the spirit of dogwood and hawthorn (the native kinds, not foreign introduced sorts), hazel nut, and sumach is gone.

I do not mean to be decrying the obvious merits of our faithful flowering shrubs; they are very useful and very beautiful, but I should like to make it clear that they are essentially of the house garden—that they have a tame cat feeling which belongs near the house, and that they should be left behind with the house when it is the spirit of woods and fields one is trying to recall in planting. These principles are true of the elements of planting along drives and walks according as the groups of shrubs and trees are near the house or remote from it.

The form which the planting should take depends upon the form of the drive or walk.

The avenue type of planting, that is straight rows of things, should be confined to walks or drives which are straight; irregular lines demand irregular planting—both as to height and breadth—and a drive which twists and curves should not be bordered by straight ranks of trees and bushes of even height.

It is probably unnecessary to say that no drive or walk should curve without appearing to curve for a reason, and if it curves just for the sake of curving an excuse has to be supplied. Under some circumstances it so happens that it is undesirable to fill up all the bends of a road with bushes; they are apt to give a shut-in feeling to the drive which at certain points is unpleasant. A tree or a clump of trees in such a position furnishes the needed ex-



THE CORNERS OF FLOWER BEDS ARE HERE
REINFORCED BY SHRUBS

Garden of Charles A. Platt, Architect, at Cornish, New Hampshire

cuse for a turn and at the same time does not produce the confining effect of a solid mass of bushes.

The off side, so to speak, of a curve is less important as to planting. The group of bushes or trees, if any are used on this side of the drive, should consist of kinds similar to those on the opposite side, and may be carried back away from the drive in some such

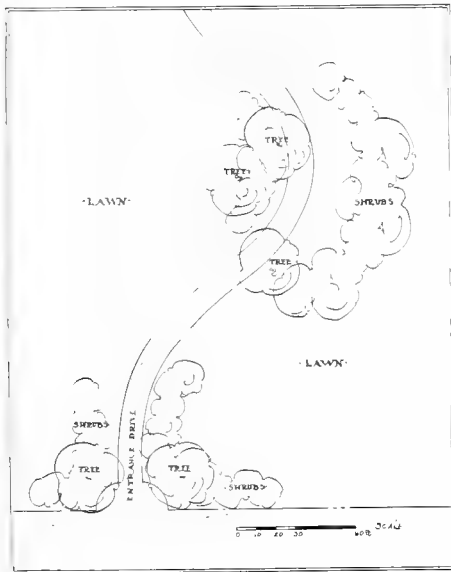


Diagram illustrating planting in the bend of a drive

form as that shown in the diagram, with low growing stuff in front to emphasize the bay, and higher growing things behind. Correspondingly, the point on the opposite side might be marked by high shrubs, although observance of the demands of automobilists who must be able to see along the entire length of a drive, is fast leveling off all border planting.

There is a purely sentimental reason for making the planting in a bend high, to which I, who do not mind driving slowly along a curving road, am inclined to cling, and that is the pleasure of not knowing what lies just ahead. Mystery always has its charm, and I would rather be surprised by coming out of a wood suddenly onto a green stretch of lawn than know all along that presently we shall be running at the edge of the green velvet strip, which I can see across the low bushes.



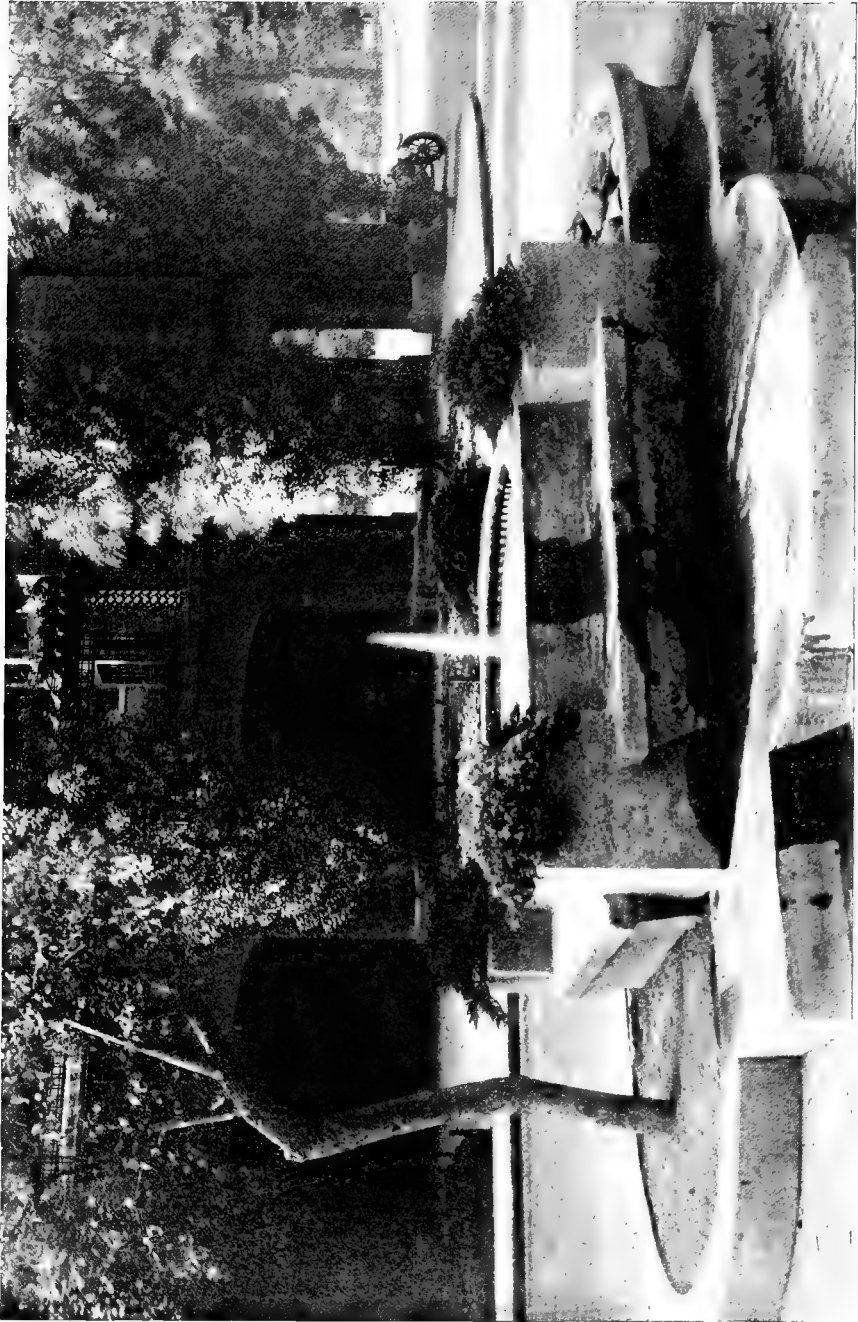
A CURVING PATH WELL PLANTED

*Garden of Mr. Edward E. Sprague, at Flushing, Long
Island. Marian C. Coffin, Landscape Architect*

Screen planting, the fourth kind of general planting, may consist of irregular borders of shrubs and trees, or of hedges. The latter are usually regarded as the logical means of screening a service drive, or laundry yard, or unneighborly nuisance. They are the most obvious form of screen, the form most often used, and in some ways the least effective, for their purpose is generally as apparent as that of a trellis or wall would be. Like these they need planting outside to tie them into the general landscape.

Any kind of clipped hedge is, of course, slower in attaining height than plants which are allowed to grow unchecked by the pruning shears. It follows that a free-growing border will screen faster and more effectively than a hedge. But the most valid reason for giving any irregular planting preference is that it can be made a part of the landscape. When a hedge is used either for a screen or as the boundary of a garden it should have something in the way of transition planting outside it—a few groups of shrubs and trees to break the definite form and regular line of the hedge, and to “ease” it into its surroundings.

Of the deciduous hedges, probably privet is the most common and the most useful. It is obligingly adaptable, grows quickly, and has a dignified appearance. Barberry makes a somewhat smaller hedge, never growing over four or five feet high, and is more spreading in character. Some effort has been made to introduce hornbeam and beech as hedges. These are both good, dignified hedges, and along with our native hawthorns could be utilized delightfully around gardens; but their slow growth



A TWISTED "SPECIMEN" TREE RESPONSIBLE FOR
MUCH OF THE CHARM OF THE FOUNTAIN

Grosvenor Atterbury, *Architect*; Olmsted Brothers, *Landscape Architects*

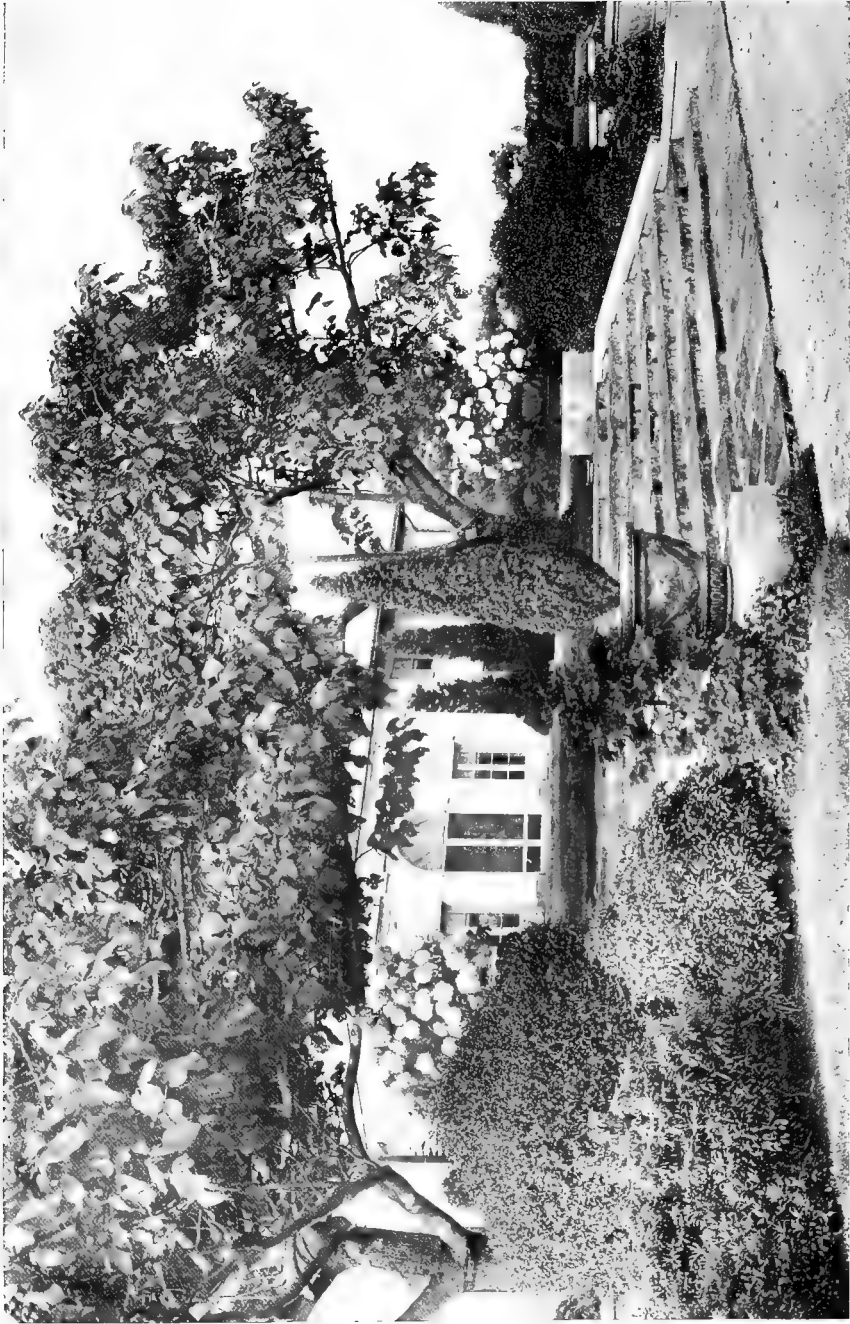
and greater cost too often combine to make the weedier privet a favorite.

Among evergreens, more fame attaches to the name of box than to any other kind of hedge. It is truly the aristocrat among hedges, and an old specimen commands respect and veneration from a hurrying generation, which appreciates to the full its meager inheritance but fails to provide for its children any more generously.

It is only human to want immediate returns on an investment, to plant for an early effect, to be impatient of waiting for results; and yet a garden should be planned with some eye to permanence as well, and the poplars that go in because of their rapid growth should be tempered with timber trees to give dignity to the garden a decade hence, and a beech hedge started whenever possible to overawe the privet by and by, or one of hawthorn, which will cover its twisted old stems with white blossoms in the spring and red apples in the fall.

To return to evergreen hedges, both dwarf arbor vitæ and the yews (*taxus brevifolia* and *brevifolia cuspidata*) make good low hedges; and hemlock, arbor vitæ, and cedar are all more or less dependable high hedges. Of these arbor vitæ turns rusty in the winter and hemlock sometimes "kills back," but at the height of its glory hemlock probably comes nearest to possessing that dark, solid green appearance of English yew hedges, which is so much the envy of us in our drier climate.

Hlex—of somewhat doubtful hardihood in Northern winters—



SEVERAL SETS OF "SPECIMEN" PLANTS ARE USED
AGREEABLY ON THIS TERRACE

*House of Miss R. Hoyt, at Southampton, Long Island. Hiss and Weeks, Architects;
Ferruccio Vitale, Landscape Architect*



SPRING BULBS NATURALIZED IN THE GRASS
*Garden of Edward E. Sprague, Esq., at Flushing, Long Island. Marian C. Coffin,
Landscape Architect*



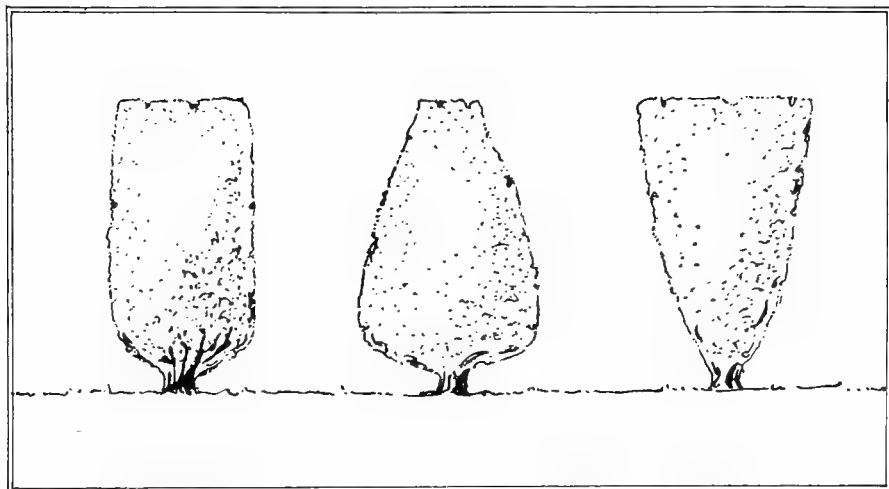
A PATH WITH PLANTS WHICH EMPHASIZE ITS
WOODLAND CHARACTER

*Estate of Mr. W. B. H. Dowse, at West Newton, Massachusetts. Pray, Hubbard and
White, Landscape Architects*

T h e L i v a b l e H o u s e

trims well into a hedge, and has no other fault than its great expense.

Perhaps a word as to the form to which hedges should be trimmed would not come amiss. If the hedge be appreciably wider at the top than it is at the bottom it holds the snow in winter, which is apt to break apart the bushes, and prevents both moisture from reaching the roots and a full amount of sunlight from com-



The first two are advisable forms to which to shear a hedge, the third inadvisable

ing to the lower portions of the hedge. For these reasons a hedge trimmed straight up and down or with a wider base than top, is better than one of a wedge shape.

The term "specimen planting" immediately conjures up pictures of a lawn spotted over with blue spruces and Japanese red maples—and weeping mulberries. This is the sort of planting which has attached unpleasant association to the term "specimen



A STRAIGHT FLOWER-BORDERED
WALK

*Es'tate of Edward E. Sprague, Esq., at Flushing, Long
Island. Marian C. Coffin, Landscape Architect*

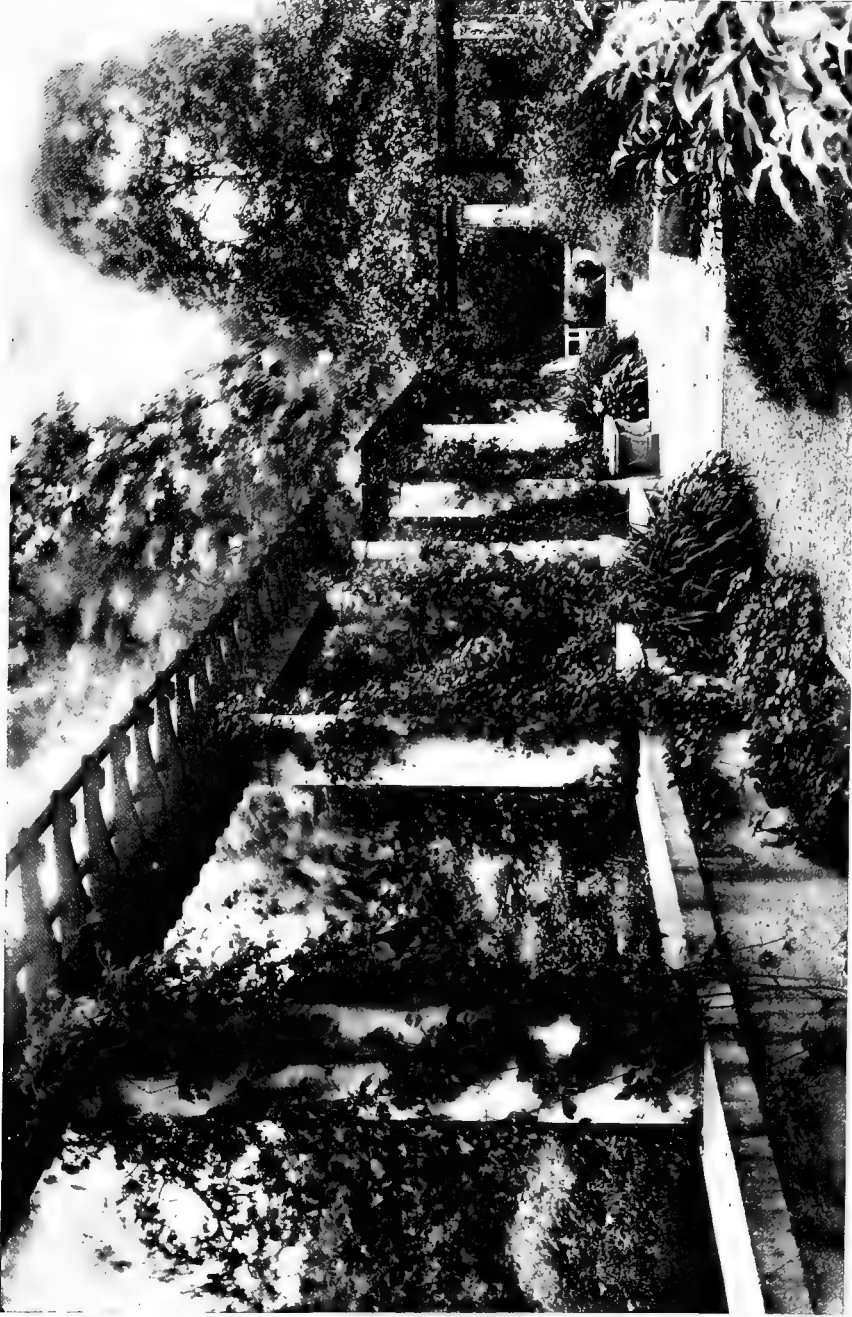
planting," and all but limited its use to such a meaning. But there are appropriate places for specimen trees and bushes of the right sort—although there is no place for exotic-looking specimens but the museum or arboretum.

The general rule of keeping centers of lawns and open spaces clear and confining the planting to borders, with the possible exception in the case of big spaces to a very limited number of judiciously planted groups, is familiar to every one in this day of the ubiquitous garden article. But too rigid an interpretation of the rule is apt to result in wall-like borders; these may be broken here and there, and points may be brought out or emphasized by the use of individual trees and bushes. Such points as these offer opportunities for planting the especially fine bush or tree, the good qualities of which one wishes to exhibit.

The corners of flower beds, doorways and gates, avenues—such prominent places as these call for the picked or specimen plant.

Using specimen in the sense of any chosen or carefully selected thing, there is another sort of specimen planting which is valuable—that of the tree or bush chosen for its interesting, rather than its perfect, form. One example—the very delightful fountain at Forest Hills Gardens—will serve to illustrate the charm contributable by a gnarly twisted specimen which has the pleasing look of just happening.

The terrace of the Hoyt house at Southampton has several sets of very pleasing specimens: the old Paulownia trees on either side of the steps, the yews and the hydrangeas. Incidentally this planting is peculiarly suitable to the type of architecture. The



A GOOD COMBINATION OF VINES AND FLOWERS
AGAINST A WALL

*Garden of Charles W. Hubbard, Esq., at Auburndale, Massachusetts. Olmsted Brothers,
Landscape Architects*

coarse leaves of the trees, the showy flowers of the hydrangeas, and the evergreens have a luxuriant effect which is especially appropriate with the stucco, Italian house.

There are certain sorts of flower plantings which come under no general head, and are pleasures to the eye, others which are just messy and purposeless. Of the first, one of the most pleasing kinds is spring bulbs naturalized in grass. Nothing is lovelier than narcissus and Virginia cowslip blooming in stretches of white and blue—or the little grape hyacinth flashing its blue near the yellow dandelion which flowers at the same time—or masses of purple hyacinths and golden daffodils.

Other flowers, for the most part native ones, are good naturalized in bold groups, or planted in, here and there with shrubbery. For the latter kind of planting, flowers which are woodland in character or strong growing flowers are best: foxgloves, columbines, echinops—the showy orange helenium, asters, boltonia, monkshood—are all more or less colorful in a border of shrubs, for they flower in sufficient masses to make themselves felt.

But most flowers should be collected into a flower garden, however small it may be, rather than be scattered about in promiscuous beds and borders. They count for more arranged together in this way because it is possible to get bigger stretches of color at once. The flowers can be cared for more easily and profitably, and the chances are they leave the rest of the place looking tidier and less cluttered. A wavy border of perennials following the outlines of a shrub border is rarely a success, for the flower borders are seldom wide enough to count, and they succeed only in

imparting a ragged look to the shrubs. A straight border against a hedge, if the place is not large enough for a garden, or a wide border along a walk, is more effective than the wavy ribbon of a curving border following the outlines of shrubs.


Of flowers about foundation walls I have spoken in the first part of this chapter. For garden walls, rules are less rigid; here the idea of permanence in planting is not so important, and although the appearance of the wall and the flower borders both benefit by vines and an occasional shrub planted against the wall, these are not the necessities demanded by a house wall. The planting at the base of the Hubbard pergola is a pleasing combination of vines, wall surface, and flowers.

The final test to which any of the kinds of planting listed at the beginning of the chapter must be put, is that of appropriateness. The object of each especial planting must be considered, the purpose for which it is planted, or the atmosphere it is designed to produce, and those shrubs, trees, and flowers used which will contribute to this effect. Types of planting are just as distinct as human beings, with personalities as different, and they must be arranged with the same care one expends in choosing guests at a dinner party, if the effect is to be harmonious and satisfying.

The Flower Garden

CHAPTER THREE

THE FLOWER GARDEN

N the seventeenth century, formal gardening was carried to such an extreme that the possibilities of even bedding plants were exhausted. To most of us who have seen names of cemeteries and towns, and everything from a locomotive to the United States flag emblazoned in tidy little coleus and begonia plants, it seems improbable that the need of even stiffer materials with which to execute patterns should have been felt. This appears to have been the case, however, for colored sand and glass were substituted in beds for flowers, and two centuries have not sufficed to live down the unpleasant atmosphere that attached itself to the word formal—most people still experience a slight chill when a formal garden is referred to—and visions of clipped trees, busts of Cæsar and Cicero, and gravel paths stretch away toward their mental horizons.

Unfortunately, there is no word which expresses the “laid out” quality of the word “formal”—its straight paths and regular curves—and at the same time conveys an idea of charm. The term “planned garden” is incorrect because a naturalistic garden calls for just as much planning as does a formal garden, and

“geometric” is forbiddingly mathematical. But, with or without a name, it is this pleasingly ordered flower garden I am going to write about first—the naturalistic or “studied haphazard” garden will come later—and the formal garden, that is the unpleasantly formal garden of gravel and bedding plants, can be left out of our calculations altogether.

Probably the most important point in the consideration of the first kind of garden is its location; this, it goes without saying, should be near the house, or, if it cannot be near the house, it should be definitely off by itself, away from it. Some houses, especially those of the latter part of the Victorian period—high-stooped houses with meaningless porches, and poorly arranged rooms—never could be conveniently opened into a garden. For these the flower garden should be a separate, independent creation, with the way leading to it made as attractive as possible, with its own walls or borders, and its own plan, independent of that of the house. But the garden which is planned along with the house should be “tied up” to it in some fashion if possible—perhaps the entrance to the garden may be through a sun porch, perhaps the first flower beds border a paved terrace intimately, perhaps the paths run out from long windows or doors of the house and form flower-bordered vistas for its occupants; in any case the ideal garden picks up the lines of the house and continues them in its own, for this formalistic garden is of the house and its belongings; it dispenses with the roof and modifies the walls to let in sunshine and air, and substitutes flowers that are alive for the painted ones of silks and chintzes. In enlarging the scale of the



A SHADED ALLEY WHICH FORMS THE ENTRANCE
*Garden of Miss Fannie Mulford at Hempstead, Long Island. Ruth Dean, Landscape
Architect*

house, however, it does not lose the intimate feeling of a living-room, but merely adds to it the free spirit of outdoors. This is accomplished by two factors: the first, walling the garden in; the second, proper proportion.

Walls used in this sense do not have to be of brick or concrete—a shrub border, a high hedge, the house wall, anything which confines the garden and limits the view, serves the purpose. Almost all of us can recall gardens set in the midst of a great lawn, or lying in the foreground of a distant view, and can remember feeling vaguely that there was something wrong with the garden, even though the flowers were very lovely. And the reason for our discontent was the looseness of the garden, its loss of scale by comparison with such great distance, its ineffectiveness.

Some sort of wall for this same garden would have transformed it no doubt—and increased its interest a hundredfold.

In the process of walling in the garden it is not necessary to shut out every prospect—to leave no distant views at all—the garden wall should contain windows even as the house wall does. Views glimpsed through a frame of trees, or a gateway, are ever so much more inviting than panoramas, because they lure us on with a promise instead of satisfying us at a glance.

The boundary around the Hubbard garden is a delightful combination of garden wall and picture frame; it ties the garden in without shutting out entirely the surroundings and limits it without confining it.

Proper proportion within the flower garden, the second factor which is responsible for its atmosphere of friendliness, relates to



AN ANTE ROOM TO THE GARDEN
*House at Villa Nova, Pennsylvania. Duhring, Okie and
Ziegler, Architects*

sizes of beds, paths, stretches of green, etc. Even though one has conscientiously built a wall around the garden, narrow beds or small flowers, lost in a sea of green grass, will still leave it with a big loose feeling, or too many flowers and narrow paths make it cramped. Beds must be of sufficient size so that the flowers will count in masses, and paths should be wide enough so that two people may walk abreast on them. Half the fun of a garden is showing it to some one else—and to have to walk through it single file is as uncomfortable as having to pass down a narrow hall side-wise for fear of scraping one's elbows.

Four feet six inches is the minimum width which will allow two people to walk comfortably side by side, and a flower bed which is narrower than seven feet used in connection with such a path is apt to look thin and tenuous. Ten feet is in better proportion. Small dooryard gardens and box gardens are exceptions to this rule, and the paths of such gardens may be three feet or even narrower.

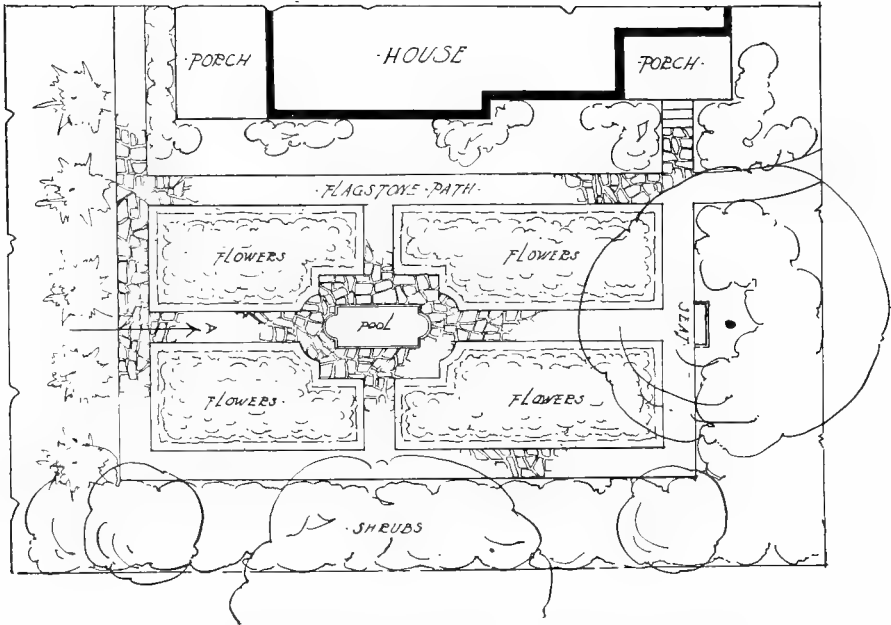
In a larger garden a lot of small beds cut up by as many paths make the garden a restless place, just as numerous little rugs on the floor of a room spoil its repose and dignity. Big masses of flowers and paths wide enough to be in proportion are essentials, if a garden is to be comfortable and livable—and at the same time pictorially worth while.

A stretch of green in the garden with the beds grouped about it is a good plan to adopt, when lawn space about the grounds is limited, or when for any reason the garden is apt to have a shut-in feeling. In any case the scheme rightly handled is a good one



AN "ALL-OVER PATTERN" GARDEN—VIEW TAKEN
FROM "A" ON PLAN

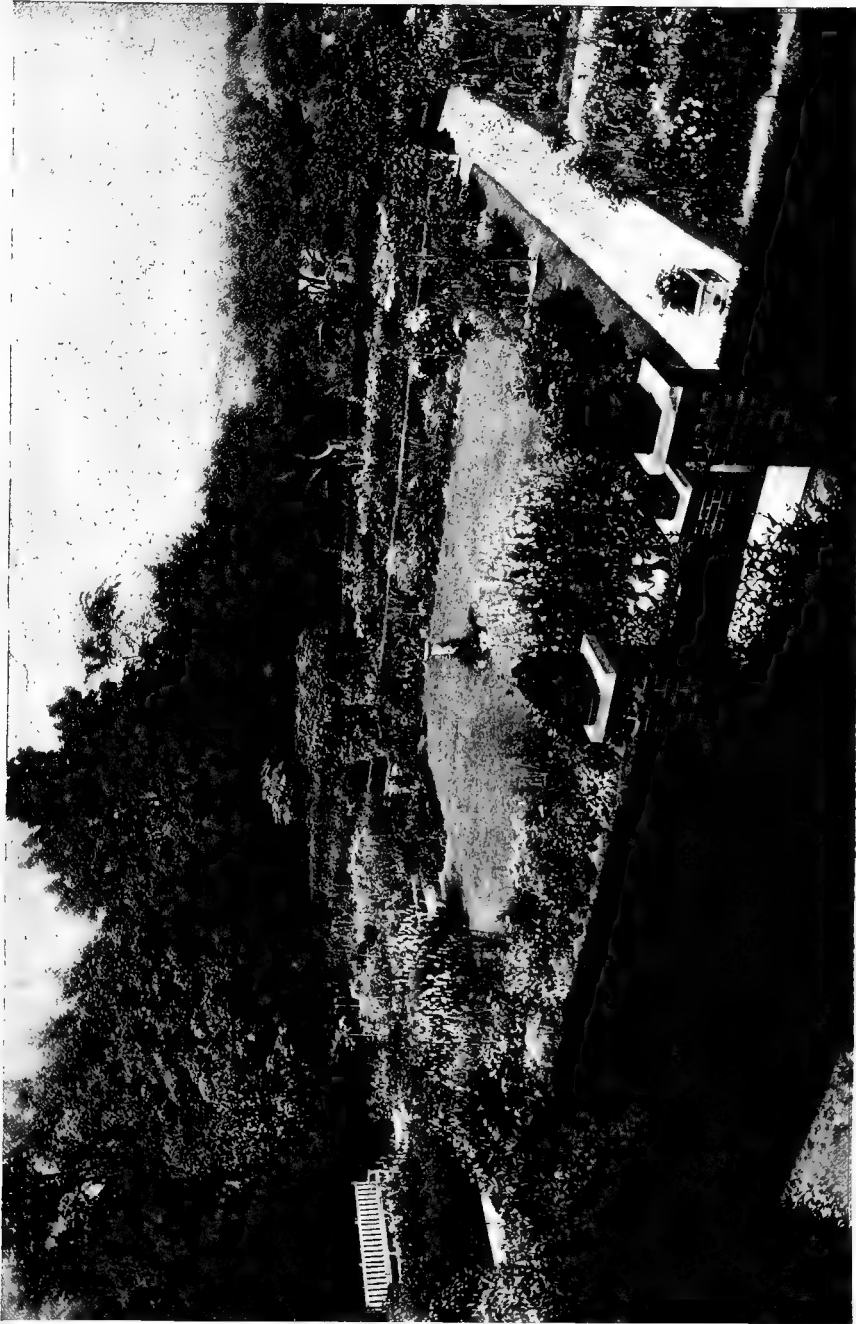
Garden of Mr. Aymar Embury II, Architect, at Englewood, New Jersey



*Plan of the Garden of Mr. Aymar Embury II,
Architect, Englewood, New Jersey*

and makes for repose and spaciousness; an all-over pattern, on the other hand, is apt to be less pleasing for reasons which are hard to analyze. Perhaps because it tends to be complicated and restless, perhaps because it easily becomes cramped in feeling—in any case it is well to make paths wide and beds spacious at the expense of numbers in such a garden, for nothing so reduces the apparent size of a garden as paths that are too narrow.

Three examples of the central stretch of turf type of garden, each one differently handled, are Mr. Marshall Fry's, Mr. Michael Jenkins', and Mr. Jonathan Godfrey's gardens. Each one of these, I venture to say, would seem smaller and less reposeful if the same spaces were covered all over with flower beds and



A GARDEN WELL SURROUNDED
*Garden of Mr. A. H. Storer, at Ridgefield, Connecticut. Lay and Wheelwright,
Landscape Architects*

paths. At the same time the very crowdedness of things in the picture of Mr. Aymar Embury's garden is not without its charm.

The paths of either type of garden, however, must have a purpose, must lead somewhere—around the garden and in and out—for a path with a blind end, a path along which one walks only to turn about and retrace one's steps, always contains disappointment.

Next in importance, after the location and design of the garden, comes the arrangement of flowers. I am sorry to say that almost every one is prone to look upon the flowers as of paramount importance. It is true that sheets of bloom will conceal a great many defects in design; but the flowers are passing, and may be changed at any time, whereas a garden once laid out is often impossible to alter.

Color and season are the two factors in flower arrangement which must be considered simultaneously. If one has planned to have no red in the garden at the same time pink flowers are in bloom, it is disconcerting to have the scarlet of oriental poppies flaunt itself in the face of a rose pink peony. Red is, in any event, the greatest trouble maker in the garden, and when one has made up one's mind to have the warmth of this color everything else must be planned around it; moreover, no two reds are alike, and a red garden must consist almost wholly of one flower or at least of the one which happens to be in bloom at the moment. Consternation is in store for the jumbler of reds—one has only to think of the cardinal of lobelia, and the good honest turkey red of scarlet sage ablaze at once to realize this.



A GARDEN WITH A NATURAL FOREST
BACKGROUND

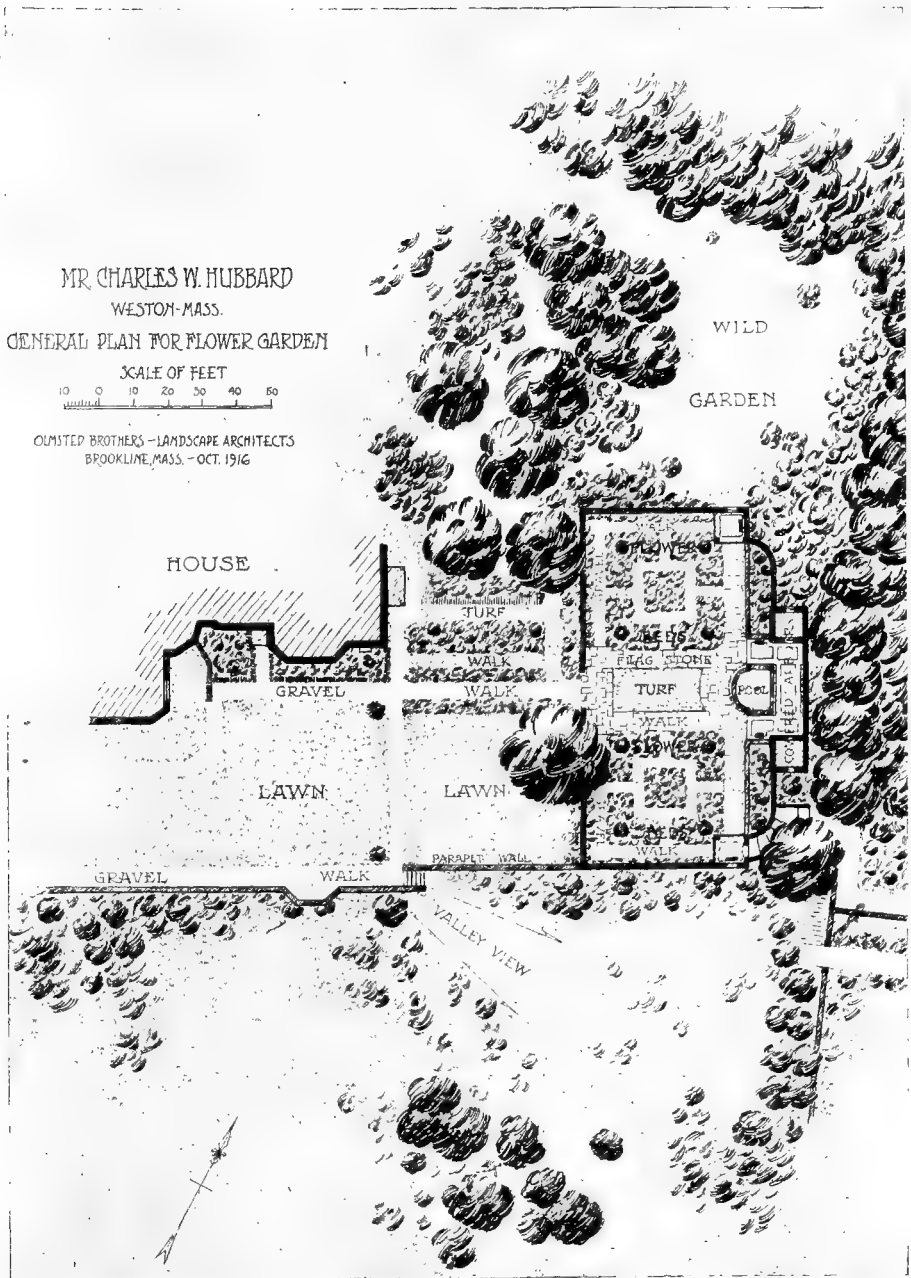
Estate of Mr. Charles W. Hubbard, at Weston, Massachusetts
Olmsted Brothers, *Landscape Architects*

T h e L i v a b l e H o u s e

The fewer the varieties of any color in a garden, the greater are the pictorial effects obtainable, and a good plan to follow is to pick out a succession of twos, which will be blooming at once, and plant the garden all round with groups of these. For example, a succession consisting of the following pairs: pink peonies and blue anchusa, yellow coreopsis and the resplendent blue larkspur, purple spikes of veronica and pink phlox, lavender asters and bronze dahlias, provides the garden with a series of color combinations which should be very lovely from May until frost; the overlapping of seasons—for of course some few flowers of each group will come into bloom before the preceding group is done, and the coreopsis and larkspur will flower more or less all summer—will furnish the garden with a sufficient amount of variety to offset the main mass of bloom. These combinations may be varied infinitely: salmon pink oriental poppies with their silky flapping leaves are lovely with the blue of Italian alkanet; and the prickly lavender balls of echinops are pretty with a deep salmon phlox.

White is always good, even in a garden which sets out to confine itself to rigid color combinations; in fact, it may be used to furnish the body or warp, so to speak, of the pattern; white phlox, or shasta daisies, or gypsophila, woven in all through a garden of two contrasting colors adds a lightness to the whole picture which is pleasing to the eye.

In any arrangement of few varieties such as this, the same groups should be repeated all along a border—or at intervals the whole way round a garden—so that when peonies and anchusa

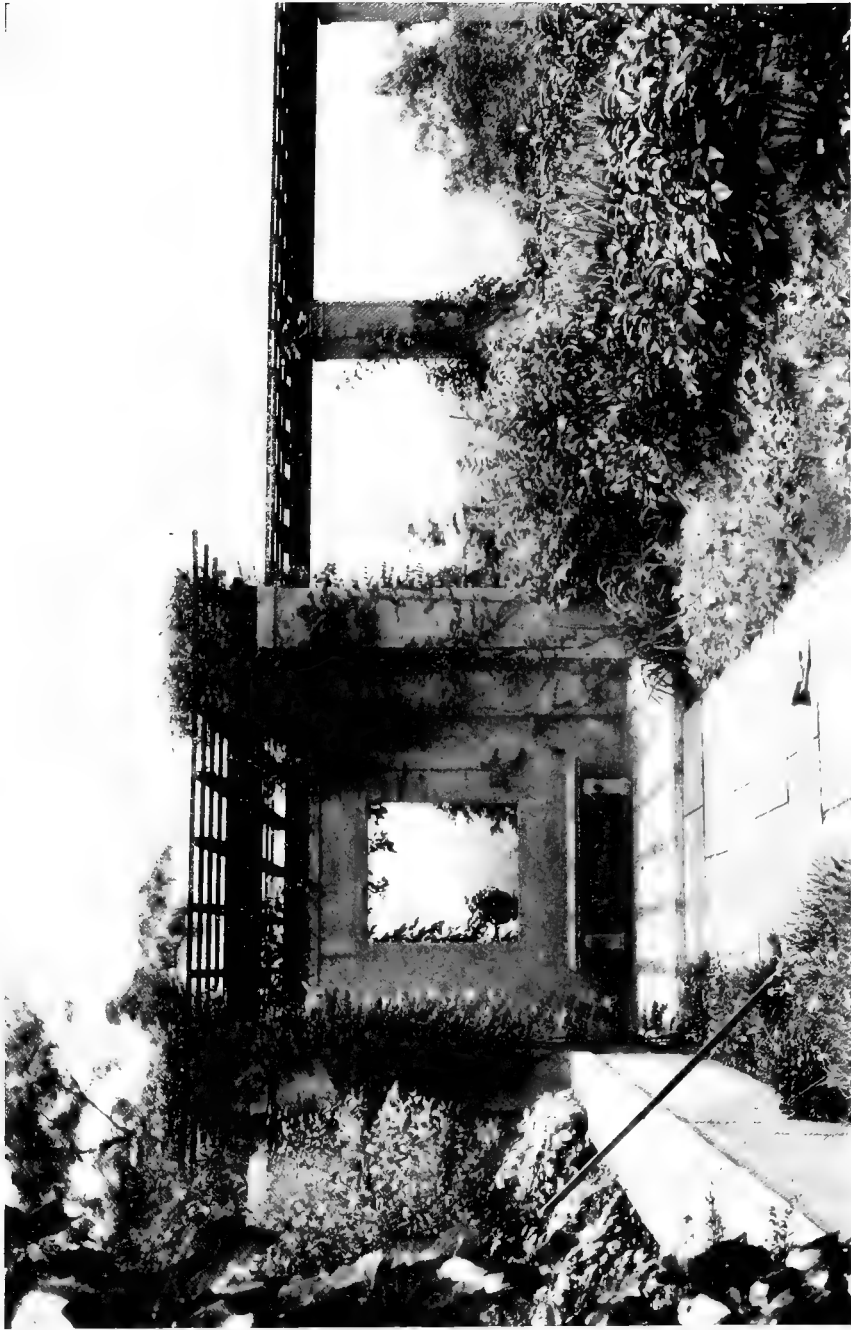


Plan of the garden of Mr. Charles W. Hubbard, at Weston, Massachusetts. Olmsted Brothers, Landscape Architects

are in bloom, peonies and anchusa flower all over the garden and not just in one portion; or when phlox and veronica are in season the whole garden is aglow with purple and pink.

In a garden of many varieties a somewhat different arrangement must be adopted so that the flowers will not have a scattering appearance. More varieties necessitate fewer flowers of a kind, and these must be planted in groups big enough to count as masses; and the masses, moreover, must drift into one another and not have the appearance of blocks. To accomplish this latter object it is necessary to lap the mass of one kind of flower by that of another; or, to put it another way, to scatter one group into the next.

Color arrangement of this sort of border is complicated and difficult to manage effectively. Miss Gertrude Jekyll, a very able writer about English gardens, has taken up very fully in her book called "Color in the Flower Garden," the graduation of color in a border. Miss Jekyll says that it is possible to plant, beginning with yellow through orange and red to pink, purple, violet, and blue—and this is undoubtedly true of one of those illimitable English borders which seem to stretch away to infinity. Unfortunately American gardens are sadly lacking in borders fourteen or fifteen feet wide and three hundred feet long. For the most part our gardens are small, and it has been my sad experience that some of the vivid zinnias have been just as blighting separated from the pink phlox by a patch of white as they would have been next door to it. In any garden, all of which is visible at once, it is best to limit the flowers to varieties which harmonize,



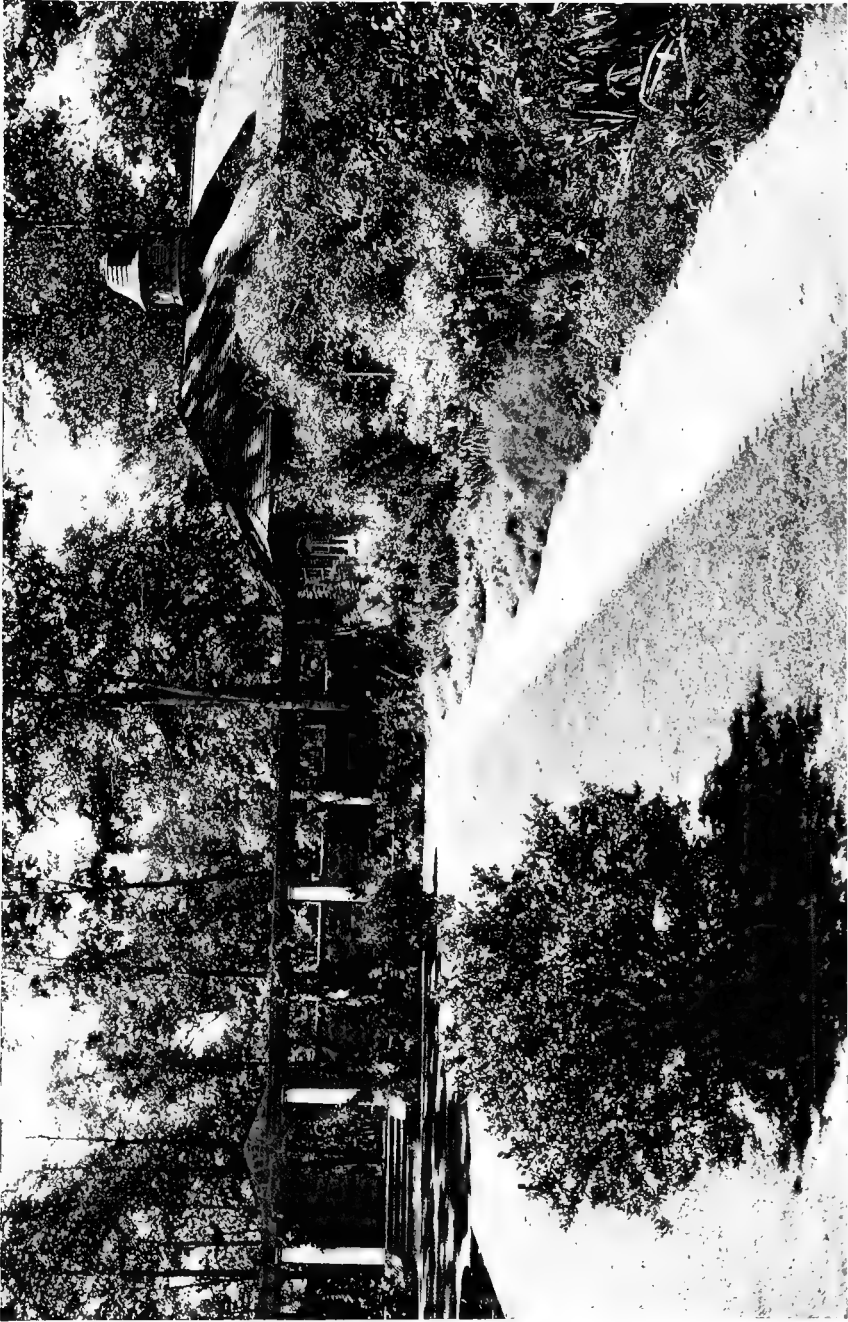
A BOUNDARY WHICH LIMITS THE GARDEN WITHOUT SHUTTING IT IN

Estate of Mr. Charles W. Hubbard. Olmsted Brothers, Landscape Architects



FLOWER BEDS BORDERING A CENTRAL STRETCH
OF TURF

*Estate of Mr. Michael Jenkins, at Roland Park, Baltimore, Maryland. Sears and
Wendell, Landscape Architects*



A GARDEN WITH AN OPEN CENTER

*Grounds of Mr. Jonathan Godfrey, at Bridgeport, Connecticut. Marian C. Coffin,
Landscape Architect; F. Burrall Hoffman, Architect*

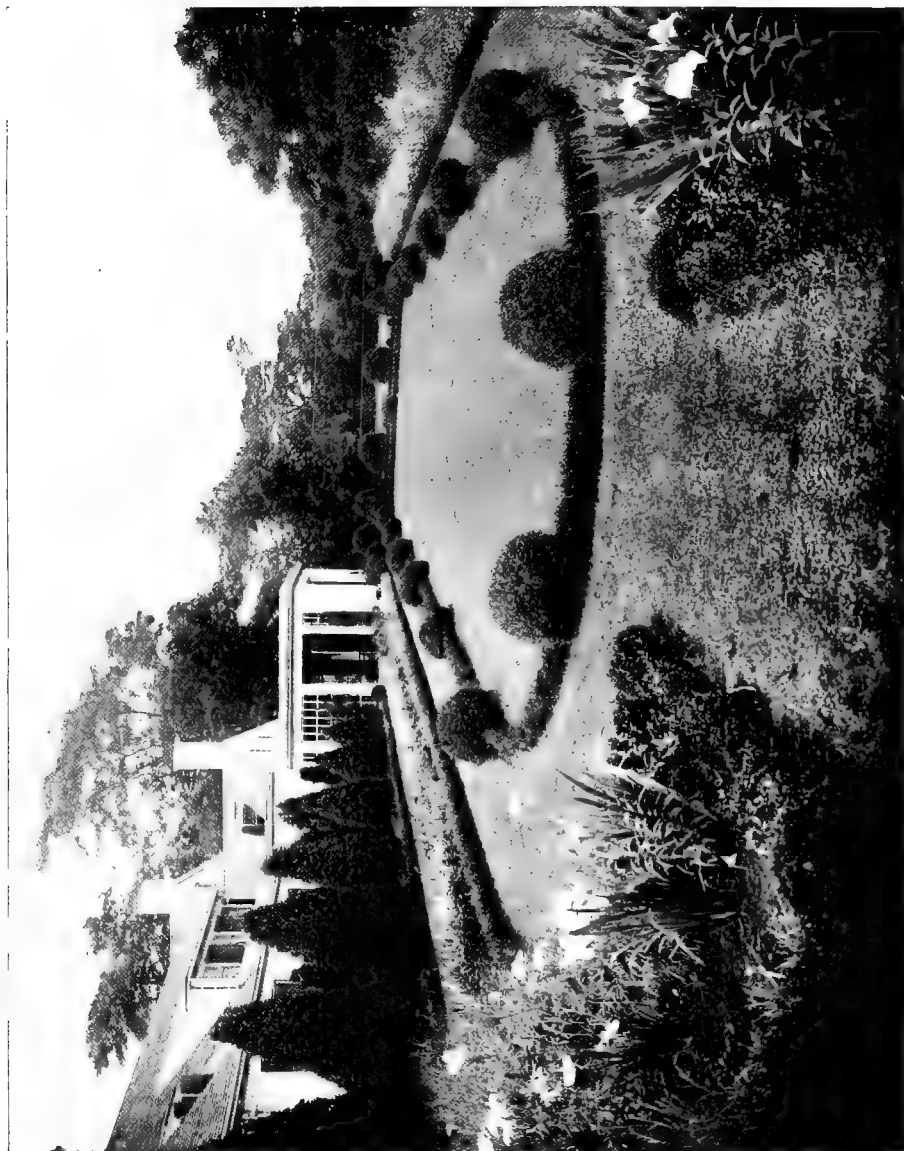
and to save all the others for a secret garden, or a cutting garden. It is hard to rule out one's favorites and consign them to a general mixture, but it becomes necessary when they clash with other favorites, and when there is not unlimited space in the main garden.

In arranging flowers with respect to form, the main thing to remember is that a general uniformity in character and size of plants is undesirable. Low things need to be broken occasionally by taller plants, large leaves contrasted with small, and fine lacy foliage solidified by coarser-leaved plants.

The general rule that tall things should be kept to the back of the border with lower growing plants in front, ought not to be enforced to the point of giving the plants an appearance of tier arrangement. The hollyhocks and boltonia and foxgloves should run forward here and there into the phlox and sweet William, in order to break up their too even line, and the blue bells and forget-me-nots would suffer no harm from an intrusion of the phlox and sweet William.

An occasional shrub or bush rose, if the border be very wide or over long, is pleasing among the flowers, and used at the corners of flower beds it acts as an accent and contributes strength, where strength is desirable.

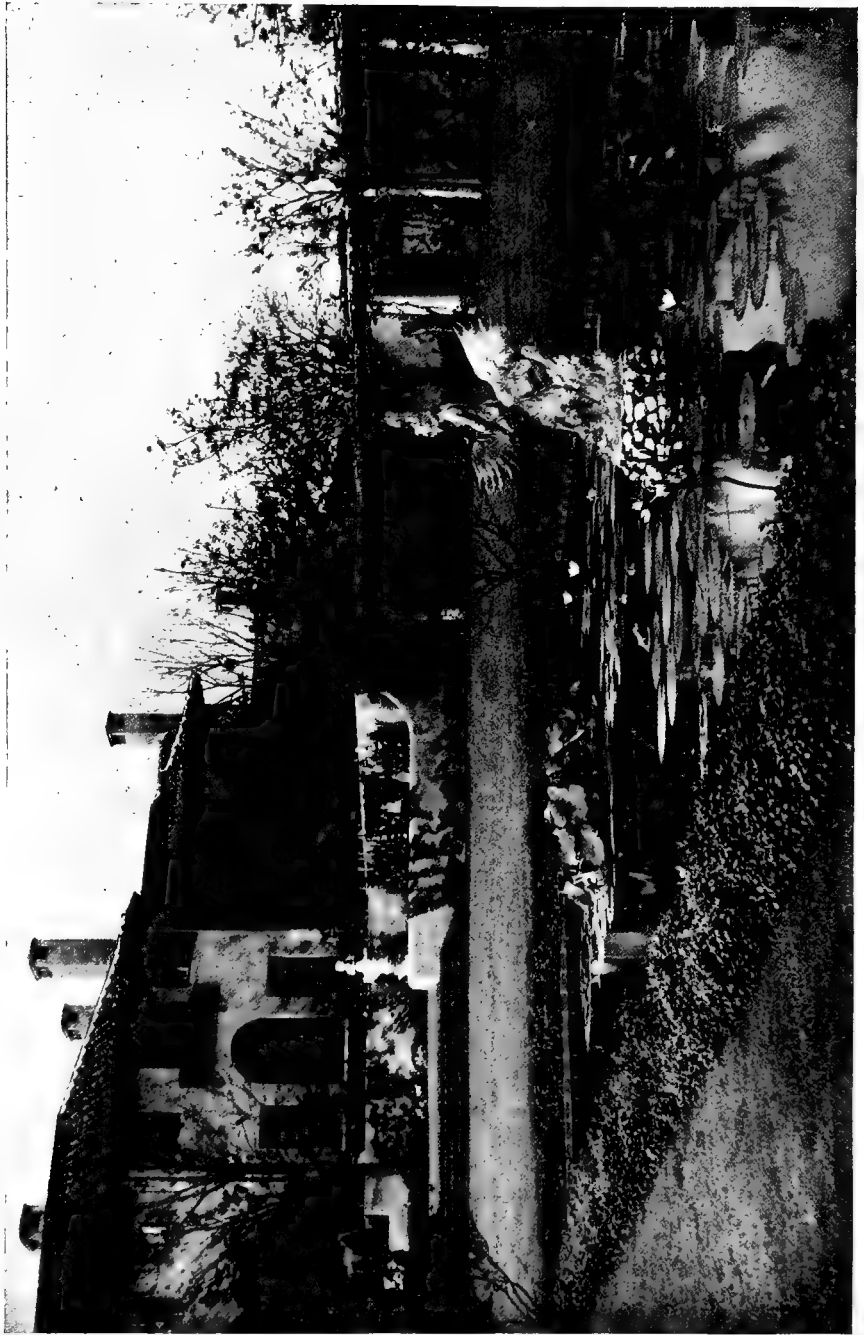
Some regard for appropriateness in character should be exercised in flower planting even in the formal garden. For example, plants which recall something of the feeling which belongs to watersides should grow near a pool. Iris and grasses are reminders of streams; so are blue forget-me-nots, the brilliant



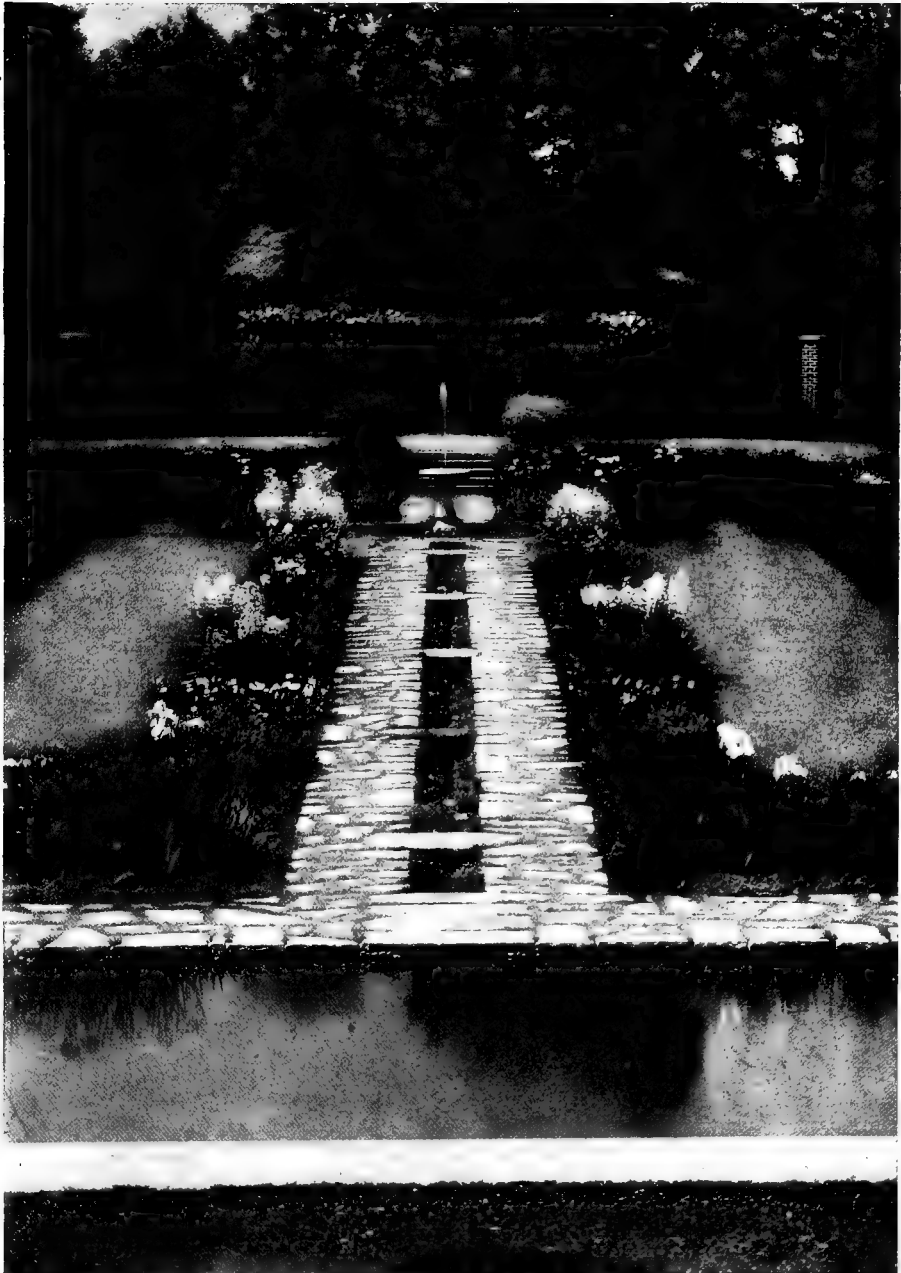
A CENTRAL GRASS PANEL OUTLINED BY BOX

Garden of Mr. Marshall Fry, at Southampton, Long Island. Aymar

Embury II, Architect



THE EDGE OF A POOL SHOULD NOT BE ENTIRELY
SURROUNDED BY PLANTING



WATERSIDE PLANTS GROWING NEAR
A FORMAL POOL

*Garden of Mrs. Harry Payne Whitney, at Westbury, Long
Island. Delano and Aldrich, Architects*

cardinal flower, ferns, purple iron weed, tall marsh mallows, and the rosy Joe pie weed. It is surprising how at home these plants are in the garden proper among their more aristocratic companions, and how much of real charm—a charm which is due to their appropriateness—they lend to the water near which they grow.

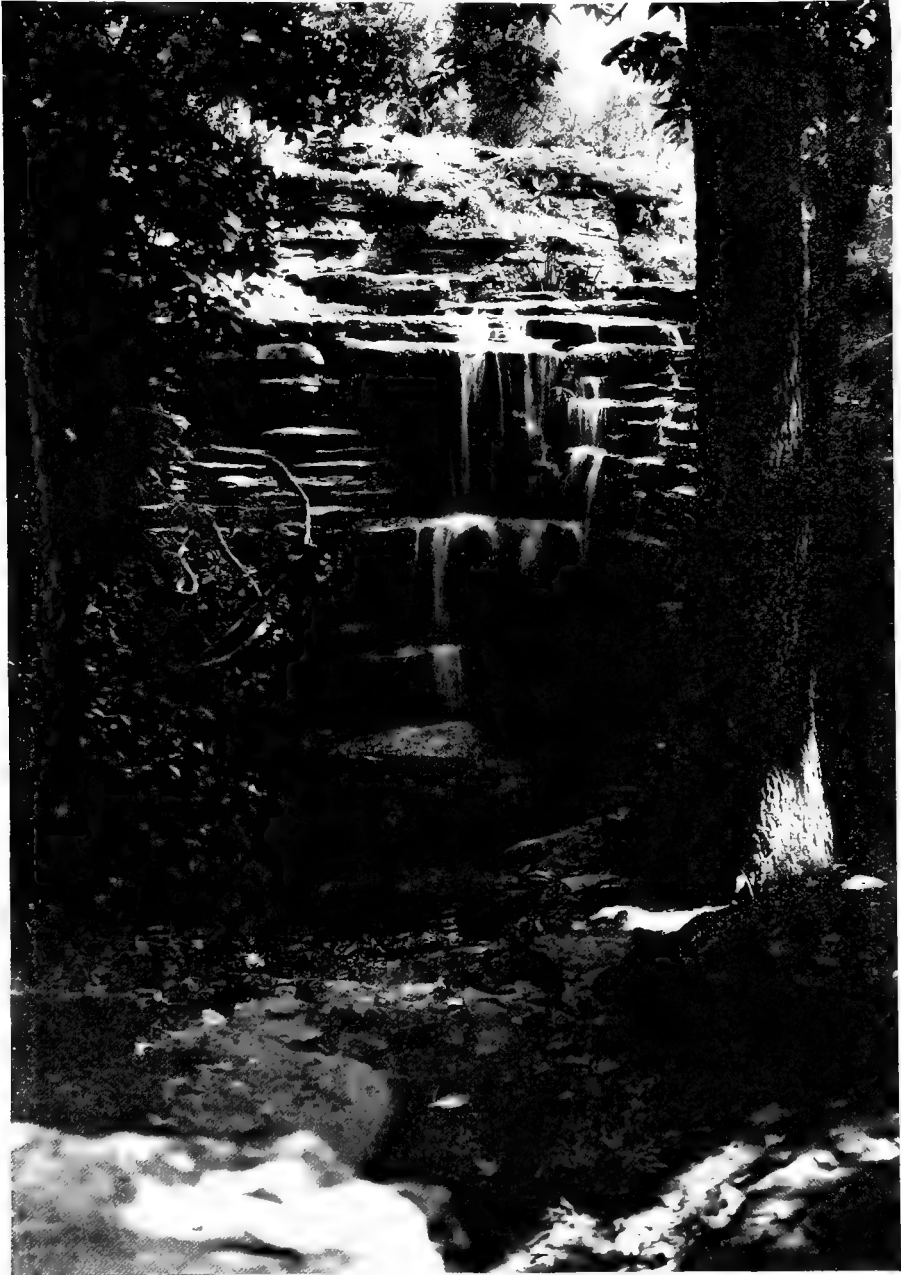
If the pool is to have a really friendly feeling, the planting should extend in places to the water's edge. Nothing is colder and less inviting than a stone-rimmed pool set in the midst of gravel. It has a harsh, ungracious look, that just a few leaves bending over the edge would mitigate, or a stray vine soften. On the other hand, it is bad to surround a pool entirely with flowers and shrubs so as to make it inaccessible. Places for planting near the border should be incorporated in the design in some such way as to provide walks to the water's edge, and intervals between, for iris or ferns or grasses.

Planting for the surfaces of the water itself needs care and thought for appropriateness, as well as regard for scale. More often than not pools too small to warrant such huge leaves are planted with lotus, or tall cat-tails, or both, when their size really demands the smallest of the nymphæas and the fine leaves of spike rush or *Scirpus*. Most aquatics grow rapidly and unless they are constantly thinned out they cover the entire water surface and leave no mirror to reflect bending purple flags, and white clouds. With a little taste and care in thinning, the groups of lily pads and grasses may be made into compositions interesting and pleasing in themselves.



WATER LILY PADS WHICH LEAVE A
PLEASING WATER SURFACE
OPEN FOR REFLECTIONS

*House of Mr. Thomas H. Kerr, at White Plains, New
York. Albro and Lindeberg, Architects*



FALLS AT THE END OF THE
SWIMMING POOL

*Estate of Mr. K. D. Alexander, at Spring Station,
Kentucky. Jens Jensen, Landscape Architect*

[106]

M. L. Stoy land in charge.



A TERRACE GARDEN WITH A POOL
AGAINST THE WALL

Grounds of Mr. H. H. Rogers, at Tuxedo, New York
Walker and Gillette, *Architects*

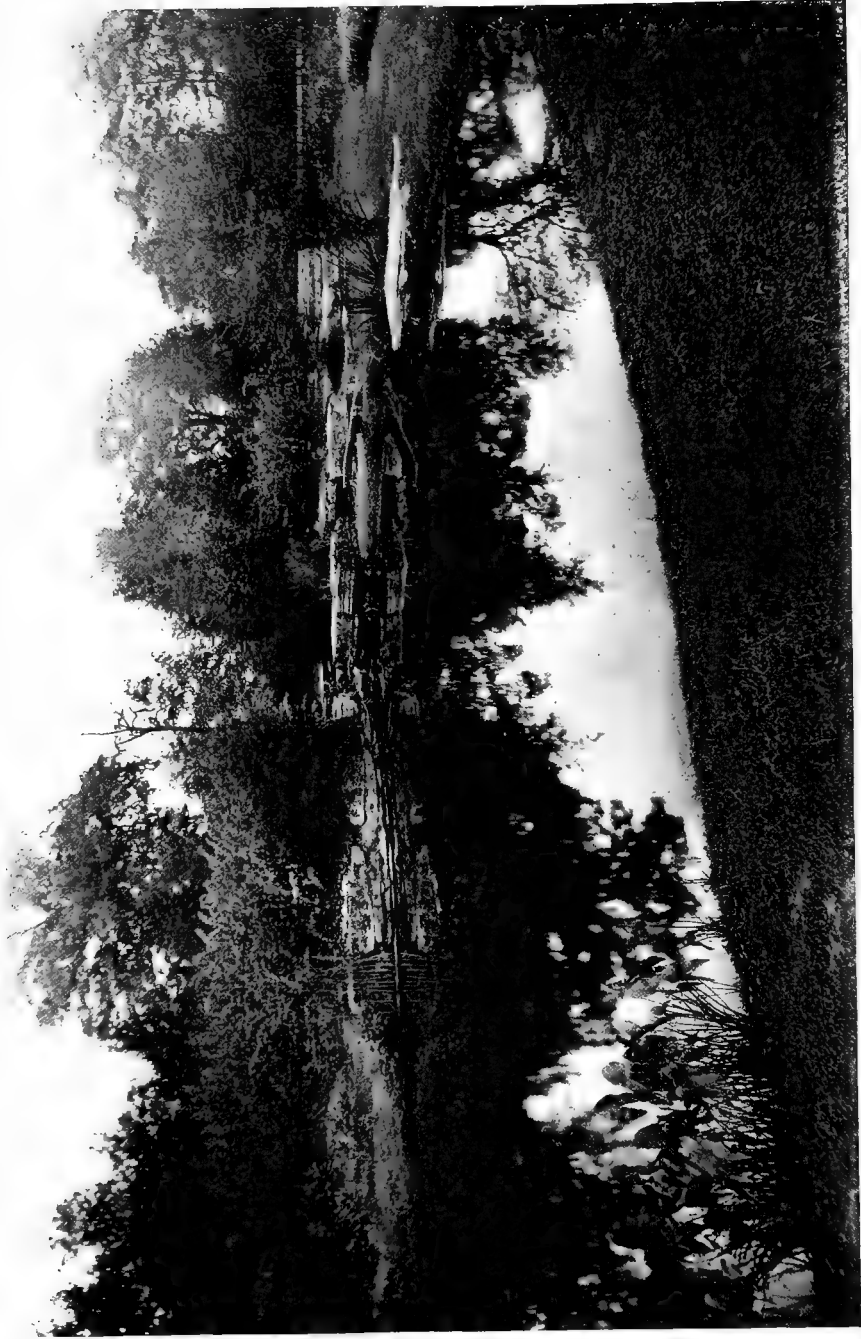
The aquatics in the average pool should consist of hardy varieties which may be bedded in the pool bottom itself, rather than the tender sorts which for cultural reasons have to be planted in pots. The pots are too apt to show through the water, and introduce an artificial quality which detracts from the grace of the pool.

Fitness, which is only a synonym for appropriateness, depends in pool planting, as in all other kinds, upon attention to details which will emphasize the character of the area to be planted—details which will contribute to the effect to be produced. In a rock garden alpines are appropriate, plants which naturally make their homes in the scant pockets of earth between rocks, and if the stones are not large one uses the smaller flowering and smaller foliated plants, reserving those with coarse leaves and large flowers for the garden which can boast boulders. Similarly, about a pool, however formal its character, those things should grow which emphasize the feeling of water, and if the pool is a large one the flowers and shrubs may be correspondingly big, whereas, if it is small, they must not reduce its size still more by too great contrast.

The location of a pool in the design of a garden is something about which it is hard to generalize. Lying out in an open space of turf or gravel, the pool is apt to lose scale, to flow away on all sides and become insignificant. Moreover, such a position is likely to preclude any planting about the pool—and half the interest of water in the garden is due to the things which grow near it. Bending over it and dipping down into it, they give it warmth and friendliness and life. At the same time it is pleasant to be able to



A "STUDIED HAP-HAZARD" GARDEN
At Bedford Hills, *New York*. Pray, Hubbard and White, *Landscape Architects*



A NATURALISTIC SWIMMING POOL
On the grounds of Mr. K. D. Alexander, at Spring Station, Kentucky
Jens Jensen, *Landscape Architect*

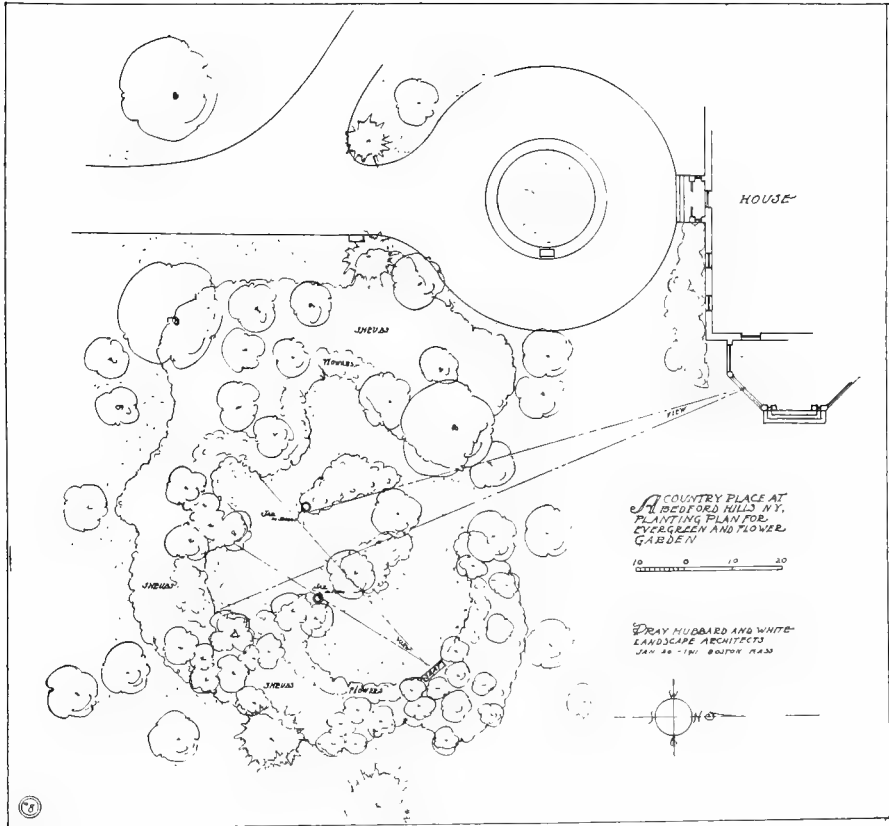


AN UNUSUALLY GOOD PIECE OF ROCK WORK
*Estate of Mr. K. D. Alexander, at Spring Station, Kentucky. Jens Jensen,
Landscape Architect*

Mr. L. Ohoy learned in charge.

walk all around a pool, to see it from different vantage points—and to come up to its edge in places. The free standing pool as well as the wall fountain type of pool should be designed so as to provide for planting spaces about the edge.

Of informal gardens there are two sorts: the “studied haphazard” garden, and the pure naturalistic garden. Mr. Henry V. Hubbard makes the distinction between the two by saying that the design of the first “consists in informal masses arranged with no particular attempt at naturalness, to make a pictorial composition, and on the other hand, informal masses arranged to give this pictorial effect, but also to look as though they were organized by some of the laws of untrammelled Nature.” The first sort of garden is illustrated at its best in the picture and plan of the Bedford Hill garden. The planting is so arranged as to form a vista emphasizing the delightful view, and the dark foliage of evergreens is an effective background for the flower masses. If all “informal” gardens were as successful as this one, I should be unqualifiedly converted to the type, but I am bound to say of this kind of informal garden in general that it seems to me to have no place in real garden art. It is a mongrel kind of garden, an in-between type—something that is neither formal nor naturalistic, but just a compromise. It usually means that its owner has told himself he does not want a “formal” garden, but—unwilling to give up all the nursery plants of man’s making which have no place in a truly naturalistic garden—he has made this half-way garden, which is neither one thing nor the other. It seems to me that it is much better art to put these hybrid flowers and shrubs into a frankly



Plan of a country place at Bedford Hills, New York

“laid-out” garden, where, in their off seasons, they will not look like a ragged fringe to a shrubby border; and then, if one wishes an informal garden, to build one which is truly naturalistic, with as much of the spirit of woods and fields as it is possible for art to capture.

This sort of garden should be remote, or at least seem to be remote, from houses and artificial things, and these may be banished by means of tall planting or grading or a combination of both.



“THE SPRING” IN A ROCK GARDEN

At Newport, Rhode Island. Pray, Hubbard and White, Landscape Architects



PLANTING CHARACTERISTIC OF THE MARSHY
STREAMS NEAR CHICAGO

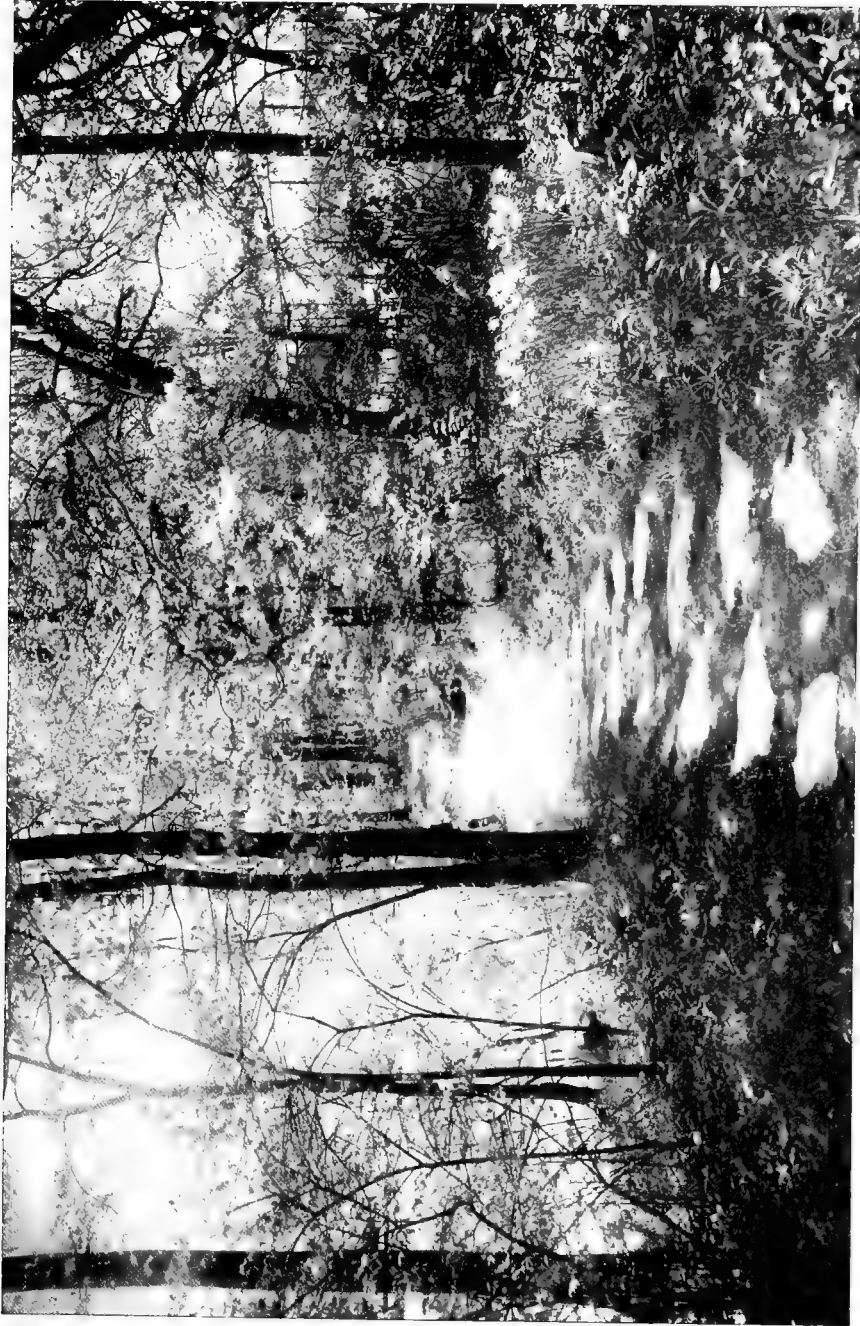
Estate of Mr. Harry Reubens, Glencoe, Illinois. Jens Jensen, Landscape Architect

Probably the only way to get the right sort of atmosphere into a naturalistic garden is to study the country around it and adopt native characteristics; that is, the good characteristics. The bad ones should be discarded and the good ones emphasized, for this is the only way to preserve the individuality of each particular bit of country.

If you are making a naturalistic pool down on Long Island, or in any portion of the country where no rocky streams are to be found, resist the temptation to import rocks and boulders to put along the edge of the pond. Make it true to the type of pool which occurs in the neighborhood; let the grass run down to the water's edge, broken at intervals by clumps of iris and tall grasses, sagittarius and button bush, with cedars and black alders and dogwood to form a background. But if the streams and pools near your house are rocky, stones may border the water's edge with perfect propriety. Be careful to have the majority of them big stones—or the water's edge will look cluttered and restless. Ferns tucked in among the rocks, and wild grape vines spreading leafy layers over their surfaces, will help fit the rocks into the land, and an occasional tree or bush growing out of a crevice may be made to have the casual charm of a "happen-so."

Mr. Hubbard's Newport rock garden is a delightful bit of truly naturalistic gardening, and the remarkable thing about it is that the picture was taken only three weeks after its creation.

Another unusually good piece of rock work is that of the Alexander garden at Springfield, Kentucky. Mr. Jensen's versatility in bringing out the individual qualities of totally different parts



PLANTING WHICH IS CONVINCINGLY NATURALISTIC

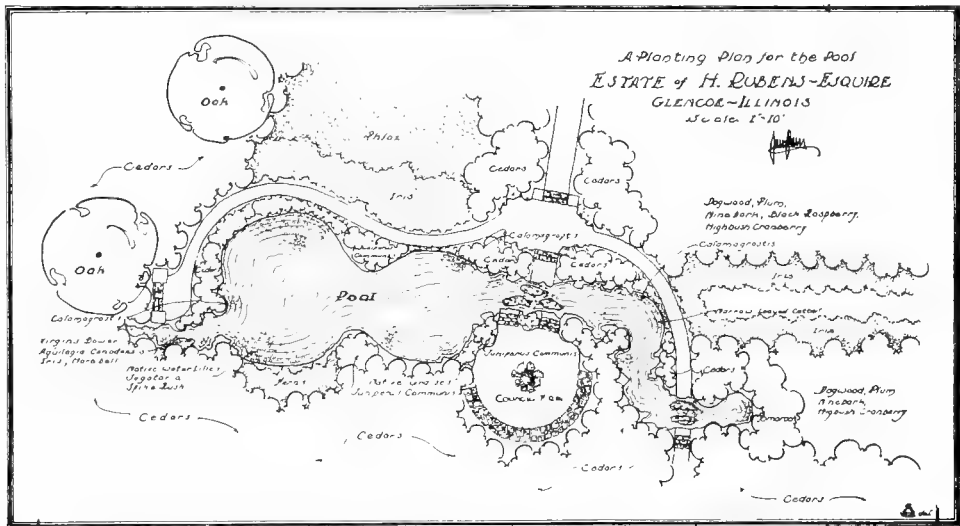
Estate of C. S. Walton, Esq., at St. Davids, Pennsylvania. Sears and Wendell, Landscape Architects

The Livable House

of the country is illustrated in this and his handling of the Rubens water garden, which shows the marshy planting of the prairies.

No vegetation is quite so markedly characteristic of its habitat as that which grows near water. The grassy leaves of cat-tails, spike rush and iris, the luxuriant marsh mallow and swamp milk-weed, bending willows, alders and birches, all have a quality which is associated very definitely in our minds with streams and ponds, or brooks and marshes. On the other hand, such nursery shrubs as lilac, weigelia, golden bell, and deutzia belong to the tamed company of the house garden—hollyhocks and nasturtiums are quite appropriate among these, but in the naturalistic garden they introduce a *gardenesque* note which is altogether out of tune with the native chorus.

The principle of adhering closely to native forms and plant materials is not confined to water gardens, but applies as well to



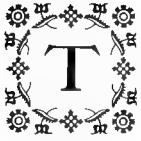
Plan for the Pool Estate of H. Rubens, Glencoe, Illinois

rock gardens, or woodland gardens of other sorts. In order to be convincingly naturalistic to charm us into thinking we have stepped out of the world into a lovely bit of Nature's gardening, we must follow her suggestions and use the materials she provides.

Times and Seasons

CHAPTER FOUR

TIMES AND SEASONS



HERE are as many theories about proper times for planting as there are nurserymen and gardeners. Almost every one has his own pet ideas about the best season for moving this tree or that, based, of course, upon individual experience, but almost every one agrees on the two main seasons of spring and fall as the periods of greatest activity in transplanting. The purpose in moving plants at these two times is to catch them while they are in a more or less dormant state—in the spring before the sap has started up from the roots, and in the fall after the plant has ceased to grow for the season. It follows that it is desirable to move in the fall all those things which start into life very early in the spring, and at the latter season the more sluggish things which are slower in responding to “the urge of spring.” In the first class are such shrubs as honeysuckle, lilac, and spiræa, together with dogwood and forsythia, whose flower buds for the next spring are all set in the autumn. These plants begin to grow very early in the spring, and if they have established themselves in the fall they will be ready to grow uninterruptedly when spring sunshine sends the sap up from their roots.

Fall planting of deciduous shrubs and trees may be started as

soon as the leaves have fallen and continued until freezing weather makes the ground unworkable. The sooner the plants are moved after they have lost their leaves, however, the better, because root growth does not cease with leaf growth and the plants should have as much opportunity to get established before the ground hardens as possible.

Some shrubs or trees are moved with greater difficulty than others, and it is wisest to defer planting these until spring; birches and lombardy poplars are among this company—the latter frequently kill back if they are moved in the fall, to one-half of their height or more. Magnolias moved late in the fall are apt to be unsuccessful, as are also most of the oaks, which at best are none too easy to move. But aside from a few exceptions such as these, the great body of deciduous shrubs and trees can be moved as well in the fall as in the spring, and the rush of the spring garden work greatly lessened thereby.

The autumn season for transplanting evergreens begins sooner than that for deciduous trees, because the former cease leaf growth for the season earlier. From the last of August onward evergreens may be safely moved, and although my personal preference is to finish the evergreen planting as early in the fall as possible, I have planted both conifers and broad-leaved evergreens in December without loss. Care in preserving the roots, packing the earth firmly about them, and a protecting mulch of leaves or straw will go far toward insuring the life of these plants.

Winter planting for trees both deciduous and evergreen is also practiced successfully. The trees are prepared for this sort of

moving by means of a root pruning machine which cuts around underneath the tree. The ball thus cut is allowed to freeze solid, when the entire mass is moved to its new home, packed into place, and guyed with ropes.

Roses may be planted during the autumn season as well as in spring, but they should be well protected. Hilling the earth up eight or ten inches about the plants will shed water, which in winter is the damaging element to roses—and an additional protection of leaves or straw over the hills will keep the plants from alternately freezing and thawing.

There is always the danger that roses and perennials will be eaten off by mice and other vermin which burrow beneath the protective layers of straw and leaves; against these pests outdoors, traps and cats and “Paris green” are of little avail.

Most of the hardy perennials are best planted in the fall—because they start to grow very early in the spring, and interrupting this growth by the process of transplanting means practically a season’s set back to the plants. The work should be begun in August, however, and ended if possible by the first of November.

Lilies and Dutch bulbs, in which latter term are included tulips, narcissi, hyacinths, crocus, squills, chionodoxa, etc., likewise need to be planted in the fall, for outdoor work.

Spring planting of trees and shrubs may be done as soon as sufficient frost is gone to leave the ground workable; it is very desirable although not absolutely necessary to accomplish it before the leaves come out, because if the planting is done after the leaves arrive they wither and drop, and while the bush or tree is form-

ing new ones it presents a discouragingly dead appearance. In fact it is just at this stage of things that most new gardeners lose heart—when they see the thrifty looking bushes and trees they bought from the nurseryman, or had moved from some flourishing hedgerow, looking like so many dead sticks. Probably no other art exacts so much in the way of patience and faith from its followers for the first few difficult years, as gardening. Moving stock, especially stock which has attained any size at all, involves a shock to the plant from which it requires time and demands intelligent care to recover, and everything which can be done to help it establish itself is worth doing. Just sticking it in the ground and leaving it to its own devices will sometimes work all right, where the ground is exceptionally good, and moisture is plentiful, and the plant has a good root system with which to start. But it is very seldom that any plant is started under such a set of circumstances, and to “insure good results” it must be watered, and mulched, and sprayed where insect pests are troublesome, and this done not once, but recurrently throughout the first year or two, after transplanting, or until it has had time to adapt itself to new conditions.

These conditions are made more difficult by untimely planting, which entails a proportionate amount of extra care if the plants are to live. Moved after the leaves are out when the hot suns of June have come and the reviving rains of spring have gone, they can hardly be expected to bloom and flourish. The best they can do is to struggle along against the odds of their first year and hope for a second spring to give them a new lease on life.

Nurserymen, within the past few years, have lengthened somewhat the spring planting season for a limited number of plants, by preparing pot-grown stock, which can withstand late moving better than field grown stock; vines, small shrubs, roses, perennials, and a few evergreens are included in this list. They are valuable chiefly as "fillers-in," to be used where unsightly holes must be concealed; although their root systems are more or less prepared for transplanting, they are subject to the same difficulty in establishing themselves against adverse atmospheric conditions, such as hot suns and little rain, as field grown plants.

Perennials planted in the spring will be later in flowering, other conditions being equal, than those which get their start the fall before; and some early flowering ones such as peonies, trilliums, and mertensia will not flower at all for a year if they are moved in the spring.

Seeds of annuals and bedding plants are sown in spring in the open ground, or, if one wishes to get them into bloom earlier, they may be started in the house during February and transplanted into the open as soon as danger from frost is past.

Gladiolas, cannas, and dahlias should be planted outdoors about the end of May, when the earth has "warmed up" a bit, and frosts are over.

Bulbs, which are to be replaced after their flowering season by annuals or bedding plants, must be allowed to ripen, that is, left until the leaves die down, before they are removed. Such bulbs, of course, may be saved and replanted the following fall.

Times and seasons for pruning vary with different plants and

with the results one wishes to produce. All deciduous shrubs and trees should be pruned at transplanting, because the root system is reduced in the process of moving, and the evaporating surface of leaves and branches should be cut down correspondingly. The extent of this pruning depends upon the amount of damage done to the root system, but it is advisable to cut back deciduous shrubs at least half, upon transplanting, and trees to about one-fourth of the last year's growth. Evergreens, which are usually moved with a ball of earth and which have in consequence better preserved root systems, require to be pruned sparingly, or not at all. Cedars and retinosporas may have the greater part of the last season's growth removed, most broad-leaved evergreens will flourish without pruning, and if one wishes to induce the pines to a bushier habit of growth, the central one of the terminal buds may be pinched out. This means that instead of growing greatly in length, the branches will develop their side buds and become thicker.

Beyond this pruning at transplanting time, shrubs and trees should be allowed to develop normally with no restraint from the pruning shears except an occasional thinning out of dead wood. The custom of annual pruning of flowering shrubs when every bush is gone over and chopped back to a uniform height or roundness is a very pernicious one. It is of no benefit at all to the plant, it destroys the natural and beautiful form of the shrub, and reduces it to an ugly, heavy mass. When the shrubs once have a good start they should be left to their own devices, except for the removal of broken branches or old worn out ones. Pruning of

this sort should be done, for early flowering shrubs such as lilac, mock orange, bridal wreath, and golden bell, just after the flowering season is over. These shrubs flower on wood which was developed the season before, and if they are cut back in the winter or early spring, it follows that the flowering branches may be lost; whereas if they are cut in the early summer, the shrub has time to develop new wood and new flower buds before fall.

Late flowering shrubs, on the other hand, such as rose of sharon, hydrangea, and some of the spireas, may be pruned in the spring, because their flowers are produced on wood of the same season's growth.

Roses, although they are early flowering, should be pruned in the spring, as soon as the frost is out of the ground. With Hybrid Perpetuals, all the old wood, that is the wood which flowered last year, should be cut out and from three to six of the strongest shoots produced last year left. These should be cut back to within eight or twelve inches of the ground. Hybrid Teas, on the other hand, should be pruned somewhat less severely; with these the dead and weak shoots should be cut out, and the strongest shoots shortened from four to six inches. The tall shoots of Rambler or Climbing roses may be cut back and the dead branches cut out. If the plants are thin and straggly they may be greatly benefited by shearing back to either three or four inches of the base.

Almost all roses are grafted, and very frequently the bush sends up "suckers" from below the graft, which absorb all the nourishment of the plant. These shoots should be removed as soon as they appear, and they may be identified by the fact that they have,

as a rule, from seven to nine leaflets, whereas the budded stock has usually but five.


Hedges and plants trained to a formal shape need to be cut several times during the season rather than just once in spring. A spring pruning stimulates them into sending up a lot of little shoots which leave the plant with a more or less ragged appearance for the summer, and these shoots need to be cut back two or three times during the season, depending upon the rapidity of growth.

The pruning of fruit trees is a science about which it is dangerous to generalize. Each tree, bush, and vine needs careful, individual treatment, because the fruit is not borne the same way on all of them, and for a thorough and reliable treatise on the subject of pruning fruit trees there is no better authority than Mr. Liberty Hyde Bailey's "Pruning Book." The matter is here taken up in all its branches, and in a sufficiently popular way to be understandable by the layman who knows nothing about botany.

Garden Architecture

CHAPTER FIVE

GARDEN ARCHITECTURE

 HE architectural features of the garden—its arbors, gateways, fountains, and walls—are not only important sources of interest in themselves, but the means of completing the garden, of rounding it out, and giving it a finished appearance. A path which leads one through a gate is ever so much pleasanter a way to take than one which has no such inviting barrier, and a vista which is terminated is more delightful than one which dwindles off with no object of interest to hold the eye at its end. Even the flowers for which a garden chiefly exists take on a charm and elusiveness they do not possess of themselves, when they are glimpsed through the posts of the plainest grape arbor or seen through the frame of an arch. It is a certain pictorial quality which good architecture contributes to the garden and which flowers and shrubs alone lack, as well as an interesting human note introduced by it, that make it an important consideration in planning a garden.

Such intangible benefits are not easily explained to the man or woman who has no interest in architecture itself, but the many photographs in this chapter will express in more concrete form, I hope, the value of good architectural detail in the garden.



AN ARCH AS A FRAME DOUBLES THE INTEREST
IN A GARDEN

*Grounds of Mr. H. H. Rogers, at Southampton, Long Island. Walker and Gillette,
Architects; Olmsted Brothers, Landscape Architects*

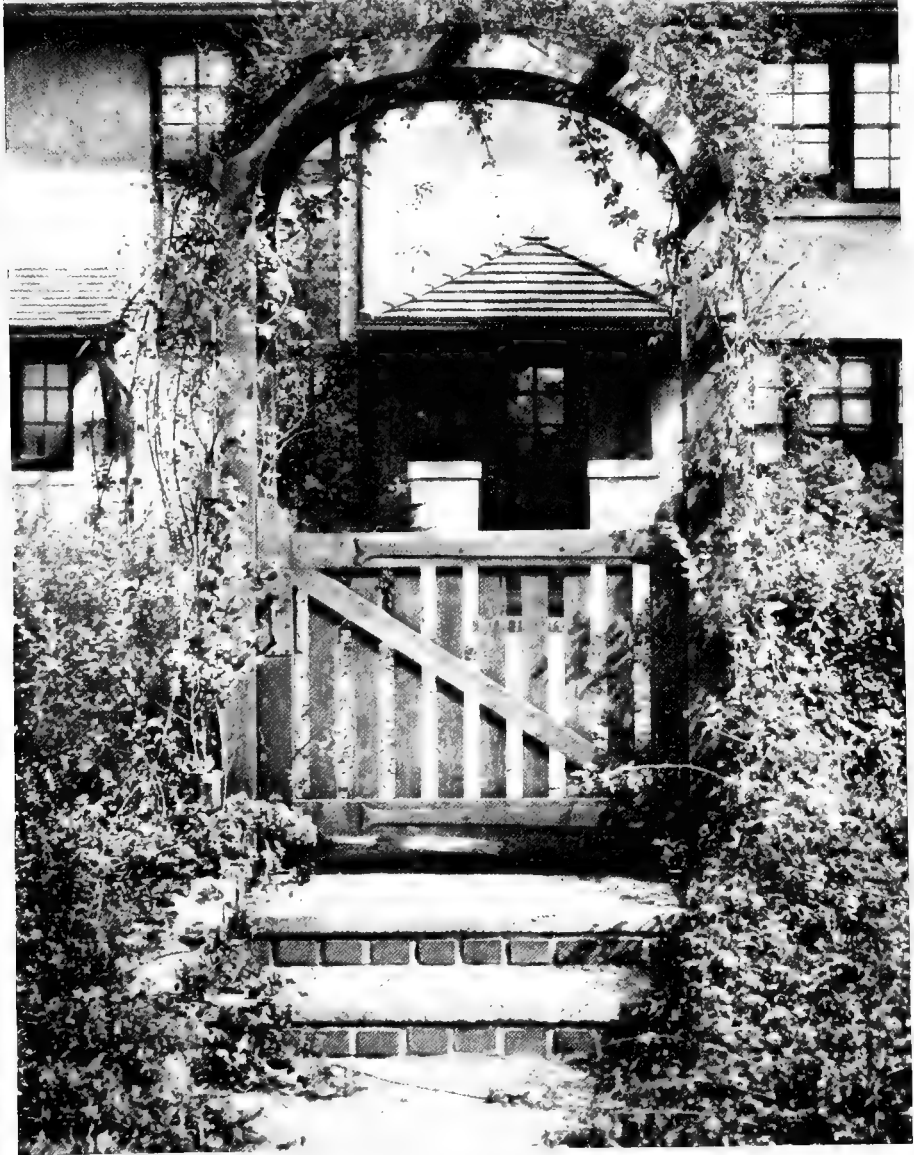
The photographs of two gates at Forest Hills illustrate how pleasing an ordinary dooryard walk may be made, by some form of gateway to mark its departure from the road, and the gates themselves are harmonious details in the general scheme of English cottage architecture.

The very original gateway to the Pomeroy place opens into a lane of lilacs that has almost the effect of pleaching. With an entrance made as attractive as this for introduction, the newcomer is prepared to be pleased with the entire place.

Both sides of Mrs. Hill's garden doorway at Easthampton are equally charming.¹ The whole wall, in fact, has a delightfully spontaneous quality in its design—an unstudied simplicity which professional work is apt to lose to technique. The use of rough surfaced concrete for the wall is very good and surprisingly interesting, for as a rule concrete without brick or tile or some other contrasting material to relieve its deadness is very unattractive. The breaks in line, together with the rough surface, the thatched house and the pergola, combine to give the wall variety and interest. Incidentally there is a kind of fundamental fitness about this wall—it is apparently, as well as actually, a part of the low sand hills of the coast-land round about "the Hamptons."

A happy combination of materials, as well as charm of design, is illustrated in the wall and gateway of "Huntland," where brick posts and a molded brick cap furnish a contrast to the stucco surface. A similar office is performed by the stone coigns and cap of the gateway at the Winthrop place.

¹ See the group of illustrations at the end of this chapter.



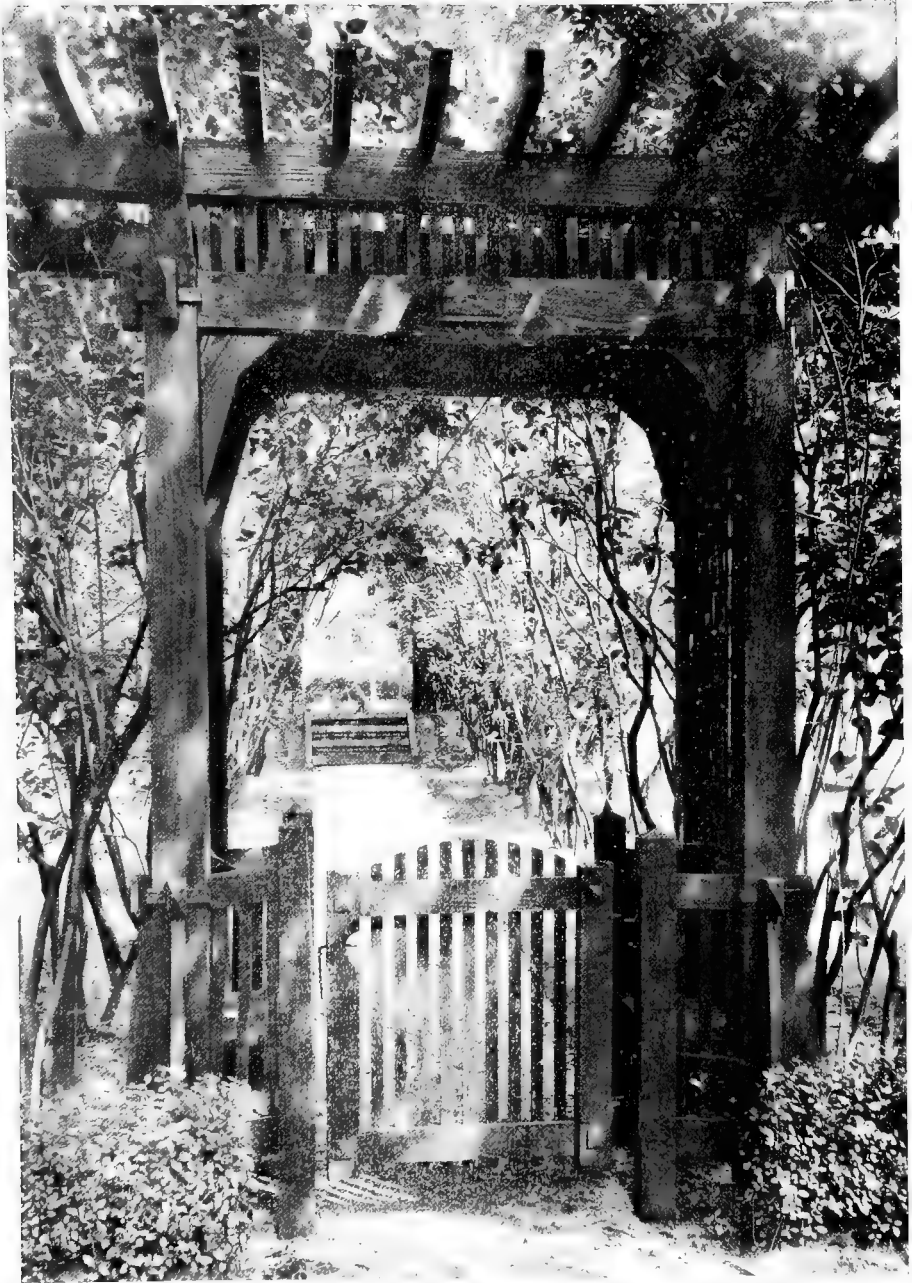
A GATEWAY WHICH MAKES AN ORDINARY PATH INTERESTING

Forest Hills Gardens, Forest Hills, Long Island
Wilson Eyre, *Architect*



A PLEASING GATE AT FOREST HILLS

Grosvenor Atterbury, *Architect*



A GATE OF ORIGINAL DESIGN

*House of Mr. Daniel E. Pomeroy, at Englewood, New
Jersey. Aymar Embury II, Architect*

The use of a combination of materials, except in the case of stone which very often contains enough variety in itself to give an interesting surface, usually results in a better looking wall than one built of a single material. Especially is this true of brick, the use of which can easily be overdone. Too much brick gives the garden a sombre and oppressive appearance which is simple to enliven by a contrast in materials. Cement, slate, marble, flagstone—all these are valuable in this respect, and any one of them used in conjunction with brick makes it twice as interesting.

Sometimes a wood trellis applied to a wall is the means of increasing its interest. This is the case with the high wall at Andalusia, Pennsylvania, where the architects have devised a very clever and delightful treatment of the garden side of a building so high that it would have been painfully stupid without some surface treatment.

A quite different use of wood with masonry is that of the cedar poles and stone piers on the Edgar place at Greenwich; and still a third sort, a cross between wall and fence, is that in Mrs. Harry Payne Whitney's garden, where chestnut pailings between brick piers mark the boundary.

Some such compromise between wall and fence is almost the only way in which a wood fence can be made to perform the offices of a high wall, because for structural reasons as well as for those of good appearance fences do not lend themselves well to high treatment.

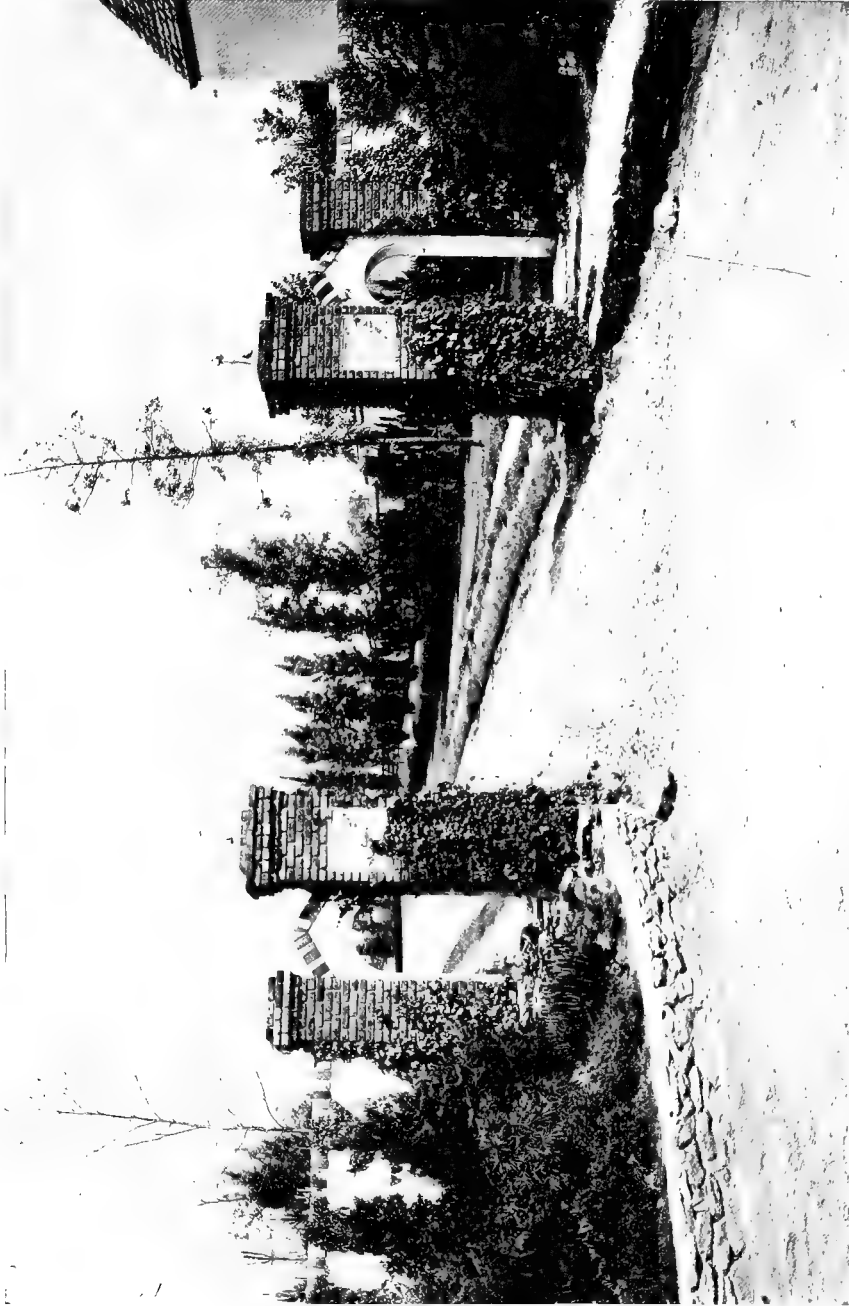
For lower boundaries wood fences are both useful and attractive, and the two sorts in common use in this country may almost

be called indigenous because of their early prevalence. One is the white picket fence found around every New England doorway garden, and the other is the rail fence, which is equally common in country districts. The first kind still holds all its charm for the village type of house, and through some of the Southern States it finds a more extended use where it surrounds the house garden completely, and divides it from the farm land on which cattle are allowed to graze.

There is no more practical and interesting way of marking off farm acres to-day than by means of the old rail fence. These fences, together with the rough stone walls of early farms, should be regarded as traditions given us by our pioneer forefathers, worth continuing. On the prairies of the Middle West, hedges of buckthorn and osage orange naturally supplant to a great extent the customary boundaries of stony New England—the use of all these natural materials is much to be commended, and the unpicturesque and no more practical fencing of concrete posts with wire between discouraged.

Fences of wrought iron, and more especially gates of iron, may be very beautiful and interesting. They are likely to be formal in character, however, and their use in country work is limited by this factor as well as by that of their expense.

Gateways, such as one frequently sees at the entrance to a place, which are free standing, and not part of any wall, should be tied into the landscape by heavy planting. They have very often a lost, unconnected air which is only to be overcome by weighting down, so to speak, their extremities with strong planting. This is



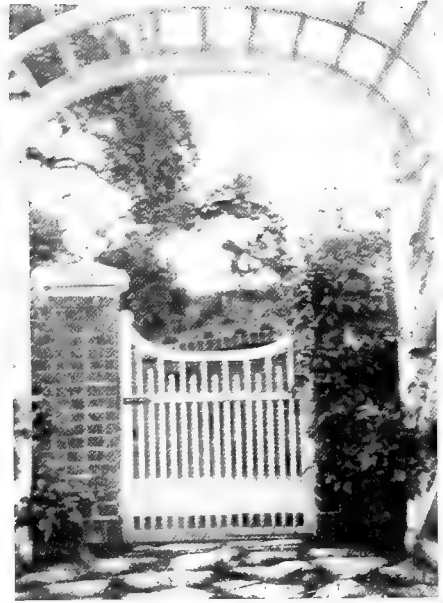
A PLEASING WALL WITH STUCCO FINISH
AND MOLDED BRICK CAP

"Huntland," Estate of Mr. J. B. Thomas, at Middleburg, Virginia. Peabody, Wilson
& Brown, Architects



SIMPLE ROSE ARCHES OF VERY
GOOD DESIGN

*Garden of Miss Emily Slade at Windsor,
Vermont. Charles A. Platt, Architect*



A GATEWAY AND ARBOR AT
HAMILTON FARM

*Estate of James Cox Brady, Gladstone,
New Jersey. Ruth Dean, Architect*

true of any free-standing wall or fence. If it does not grow out of a building or end against one, its terminations must be concealed by planting. Such a piece of wall is well taken care of on the Schiff place, where evergreens and sturdy shrubs make it part of its surroundings.

The same criticism of loose ends is to be made of a great many arbors and pergolas. An arbor should begin at some expected and natural place and end in the same way: should lead from one spot to another, and not be just set down in the midst of things. An interesting arbor is that on the grounds of Mr. Jonathan Godfrey where the arbor is in effect part of a wall. The beams run



A WALL PERGOLA WITH VALUABLE
PLANTING SPACE AT ITS BASE

Garden of Mr. Jonathan Godfrey, at Bridgeport, Connecticut

Marian C. Coffin, Landscape Architect;

F. Burrall Hoffman, Architect

from a row of columns to piers which are extensions of the wall, and which leave pleasing window-like openings in the upper part of the wall. One of the unexpected sources of success in this pergola is the planting space at the foot of the wall; with no room left in which to plant a friendly vine the arbor would be without half its charm.

Another good combination of wall and pergola is the pergola gate in the rose garden on the Walton estate at St. Davids. Materials, as well as good design, are responsible for much of its interest; the round columns of stone roughly plastered have a pleasant, careless charm which is increased by the use of broken flag walks.

Of all the means whereby walls may be made interesting, prob-



A FAUN

J. C. Kraus, *Stoneworker*

ably the most effective is the wall fountain. There is something very enticing about the smallest drip of water with green shiny leaves around it, and the simplest device in the way of a dolphin's head that spurts its little stream into a shell, catches and holds our interest above any other feature in the garden.

A plain wall fountain combined with a pool is that on the Rogers' place at Tuxedo. The



A DELIGHTFUL OLD GARDEN HOUSE

*Designed by Samuel MacIntyre in 1799 on the Osborn
Estate at Peabody, Massachusetts*

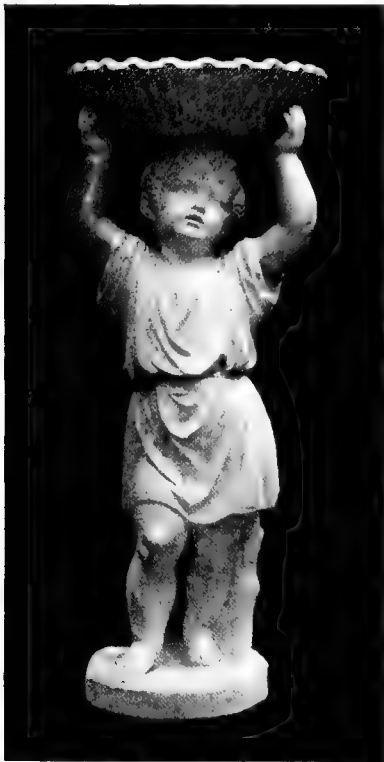
pool lies at the foot of a high terrace wall, and is fed through a mask by a stream. Here again a strictly architectural feature of the garden owes much of its interest, its intimate personal quality to the planting about it. A more elaborate wall fountain is that at "Brookside," of which Mr. Rondoni is the sculptor. It is delightful in conception and the figures of the two fauns and the mask are very amusing indeed.

Garden houses, like walls, should conform to the style of architecture of the main house, for the garden and whatever pertains to it ought to be part of an homogeneous whole; one should be able to pass easily from house to garden and from garden to house, feeling that each belongs to the other; and one of the surest ways of accomplishing this spirit of coherence is uniformity of design and correlation of material in all the architectural features of the garden. Garden architecture, to be sure, need not be so dignified as that of the house; it admits of more freedom and playfulness in its treatment than does the more important architecture of the house, but the same general style should be adhered to throughout.

The practice of this principle automatically rules out the Japanese garden transplanted to our Western surroundings; like most exotics, its fault is that it fails to fit in our civilization and traditions of art, and it must always occupy the position of a curiosity. An Eastern garden is full of symbolism which is lost to the untrained Western mind, and it is no more feasible to graft this art on our traditions of garden design than it is to introduce Japanese manners, costumes, and religion.

The anomaly of an Italian garden in conjunction with a so-called colonial house—or a garden distinctively French in character, with a house of easy informal English design—is less flagrant, though equally to be avoided. The best features of almost any style offer enough good things from which to choose, so that one need not be driven to the resources of another style for variety.

Of garden furniture there is very little of stock design which is good. Stone workers have done a great deal better for us than



A USUAL FIGURE WHICH IS
VERY PLEASING

E. Lucchesi, *Stoneworker*



A FINE REPRODUCTION OF
A NEO-GRÆCQUE
PHILOSOPHER

J. C. Kraus, *Stoneworker*



A GOOD TERMINAL FIGURE FOR PATH

wood craftsmen; and the cast stone benches and tables which may be obtained offer good adaptations of classic designs. But there is little wood garden furniture, except that done to special design, which is even passable.

Good garden figures are almost as scarce as good wooden furniture; but occasionally one finds something that is not the stereotyped "boy with fish," or Hebe, or Diana.

Cast iron reindeer gave us a great set-back in our appreciation of garden ornaments; for many people, still under the influence of the very proper reaction against this sort of garden "adornment," refuse to have any "statuary" at all about their grounds.

This is unfortunate, because there is no doubt about the

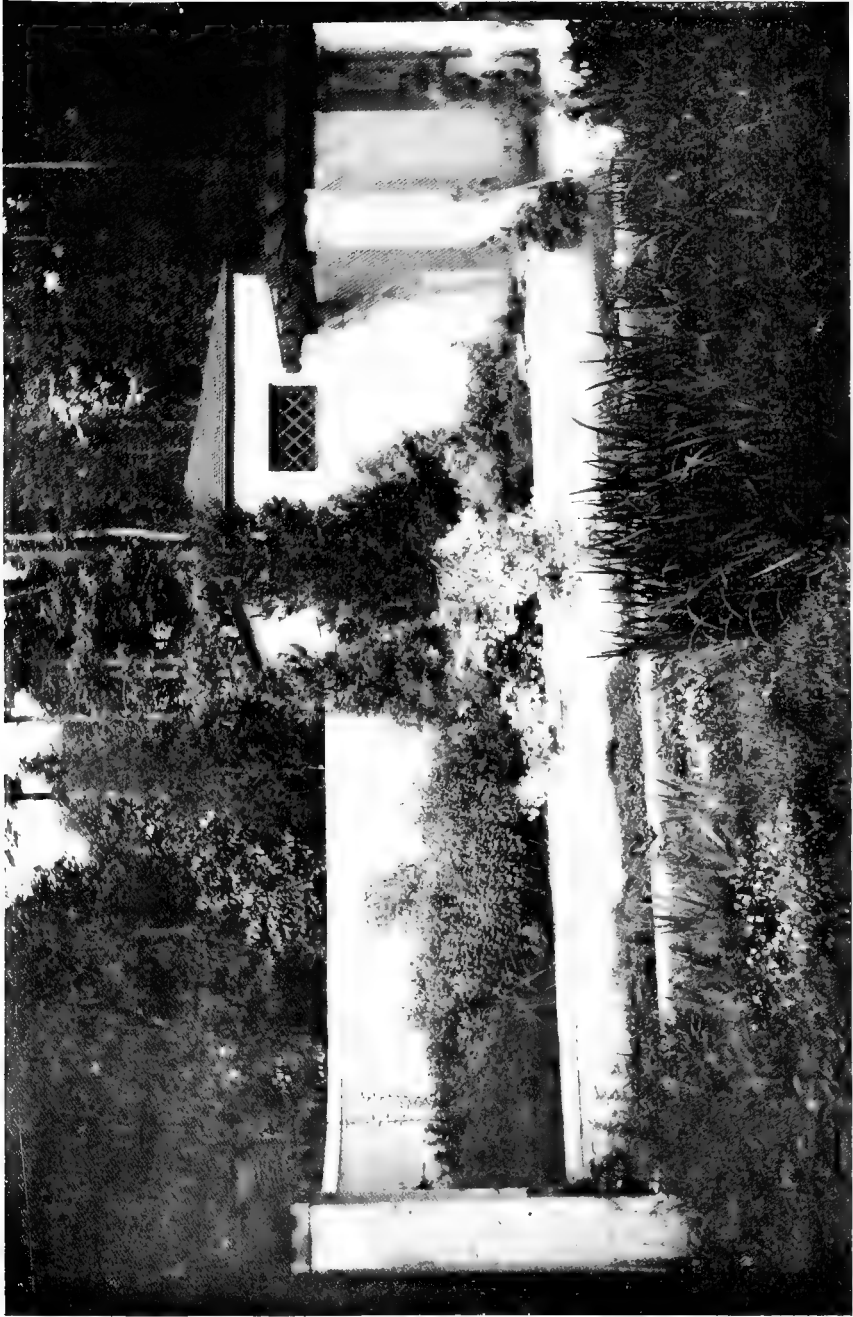
fact that a few figures carefully chosen contribute a lot of interest and life to the garden.

It is pleasant to come on a faun laughing out of the leaves at one, or the wise old smile of a philosopher, or the pagan grin of a grotesque.

And amusing in much the same way are the lead figures used so often in English gardens;



ANOTHER TERMINAL FIGURE FOR PATH



A GARDEN HOUSE
*On the grounds of Mr. Charles W. Hubbard, Auburndale, Massachusetts. Olmsted
Brothers, Landscape Architects*



A FRUIT BASKET FOR A
GARDEN GATE POST

J. C. Kraus, *Stoneworker*

shepherds and shepherdesses, amorini and grotesques. Lead is a very agreeable material for garden figures, and it is regrettable that no one is manufacturing them in this country to-day. A few dealers import lead work from England, and now and then an old figure strays into the country, but for the most part the use of this material for garden work is very limited.

Good sun-dials of the "made in America" kind are also few and far between. For the most part our stock sun-dials consist of Doric columns of very doubtful proportions, or of a single heavy baluster supporting a plaque on which the dial face rests. Very little ingenuity and good taste seems to have been exercised in their designs, and—I admit it reluctantly—we have almost no dials to compare in interest with hundreds to be found in England.

I am not going to excuse the scarcity of good design in garden furniture and accessories on the basis of the youth of this country, or its hustling interest in business, or its lack of a leisure class. These are the customary and time-worn excuses for almost every artistic defect we possess. We have the best architects in the world to-day, and we have able manufacturers and good designers of furniture for interiors. Among the three we ought to produce garden furniture which is as good in design as that of any other country, and which will be a real factor in making the gardens livable.



DOORWAY IN THE GARDEN OF MRS. ROBERT C. HILL

At Easthampton, Long Island. Designed by Mrs. Robert C. Hill



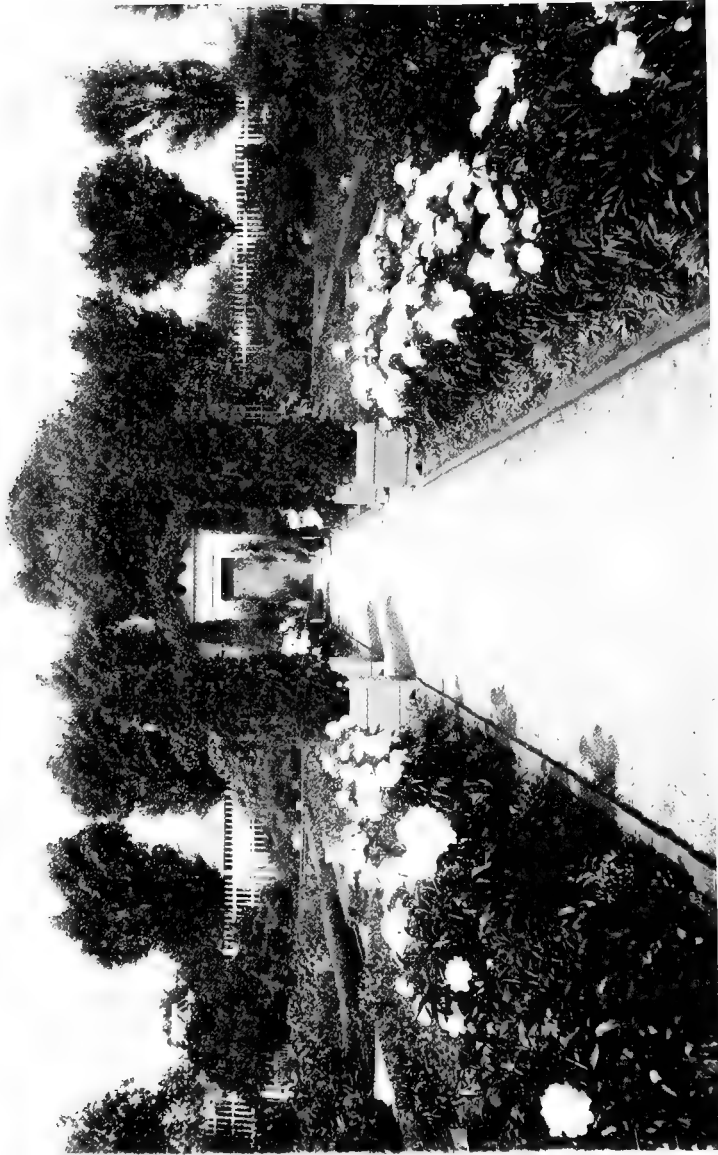
A GLIMPSE THROUGH THE GATE INTO "GREY GARDENS"

Easthampton, Long Island. Mrs. Robert C. Hill, Landscape Architect



AN UNUSUALLY GOOD WALL OF CONCRETE

Garden of Mrs. Robert C. Hill, at Easthampton, Long Island



A BEAUTIFULLY DESIGNED DOORWAY
In the garden of Mr. C. L. Ring, at Saginaw, Michigan. Charles A. Platt, Architect



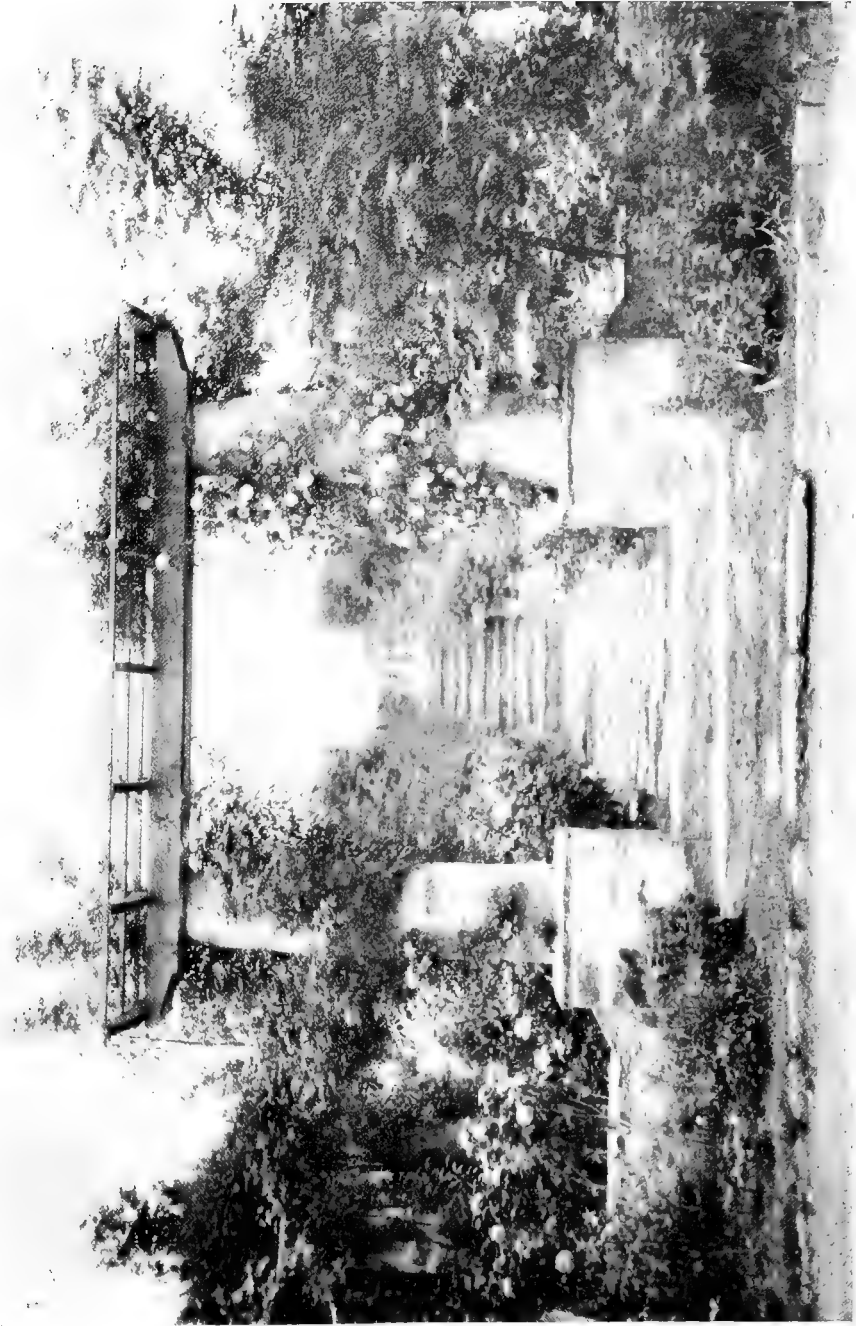
A GOOD GARDEN ENTRANCE

*On the grounds of Mr. Jonathan Godfrey, at Bridgeport, Connecticut
F. Burrall Hoffmann, Architect; Marian C. Coffin,
Landscape Architect*



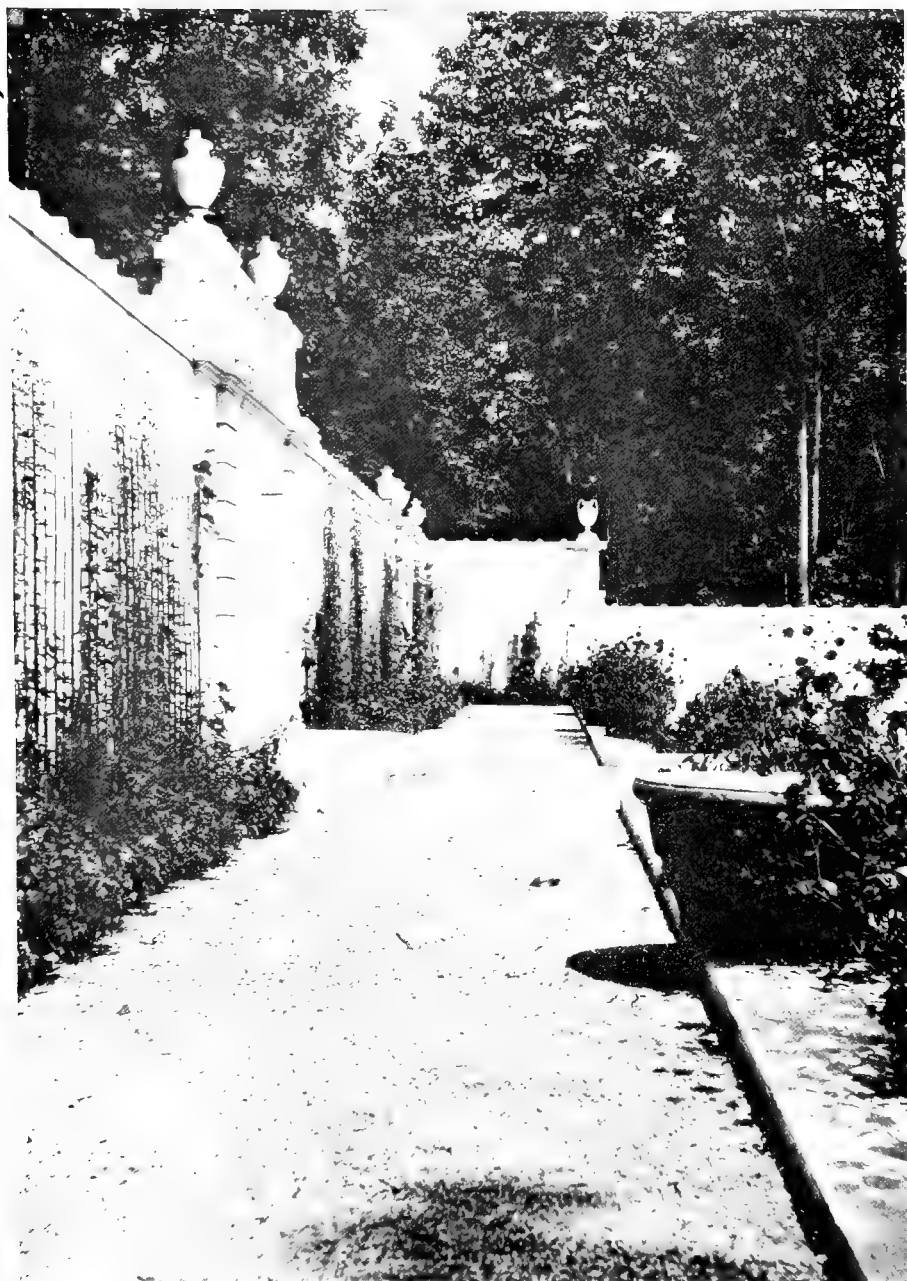
STONE COIGNS AND CAP FORM A GOOD CONTRAST
TO THE PLAIN SURFACE OF THE WALL

*Grounds of Mr. Bronson Winthrop, at Syosset, Long Island. Delano and Aldrich,
Architects*



A PERGOLA GATE OF INTERESTING MATERIALS
AND DESIGN

*Garden of C. S. Walton, Esq., at St. Davids, Pennsylvania. Sears and Wendell,
Landscape Architects*



A WALL OF REFINED DESIGN
Garden of Mrs. E. S. Clark, Pomfret, Connecticut
Charles A. Platt, *Architect*



A GATE POST OF SIMPLE DIGNIFIED
DESIGN

Estate of Mr. Willard Straight, at Westbury, Long Island
A. F. Brinckerhoff, Landscape Architect



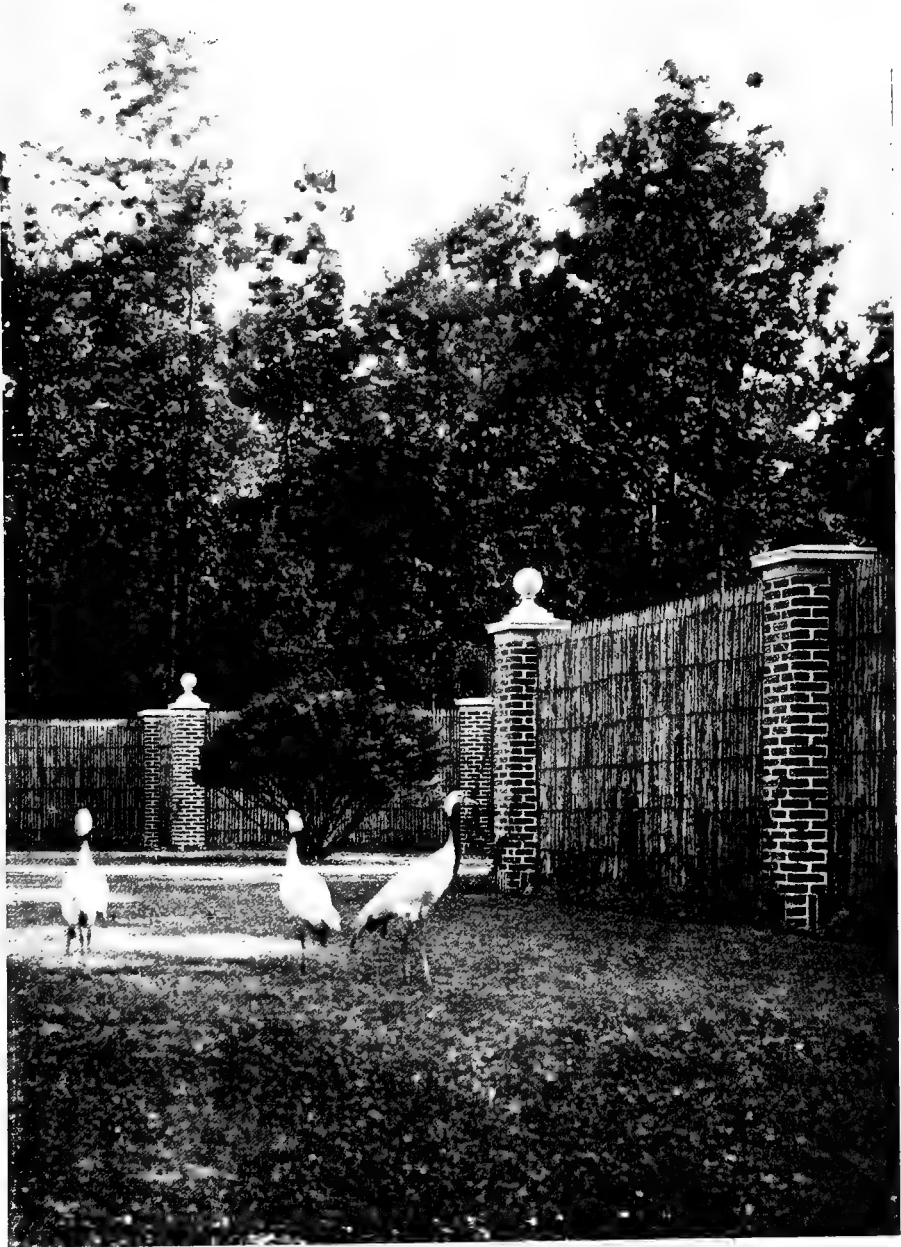
A CLEVER TRELLIS TREATMENT
OF A HIGH WALL

*In the garden of Mr. Charles Biddle, at Andalusia,
Pennsylvania. Mellor and Meigs, Architects*



AN UNUSUALLY GOOD BIT OF
"RUSTIC WORK"

Garden of Mrs. J. Clifton Edgar, at Greenwich, Connecticut
Marian C. Coffin, Landscape Architect



A FENCE OF CHESTNUT PALINGS
BETWEEN BRICK PIERS

*Garden of Mrs. Harry Payne Whitney, Westbury, Long
Island. Delano and Aldrich, Architects*



THE WHITE PICKET FENCE OF A
DOOR-YARD GARDEN

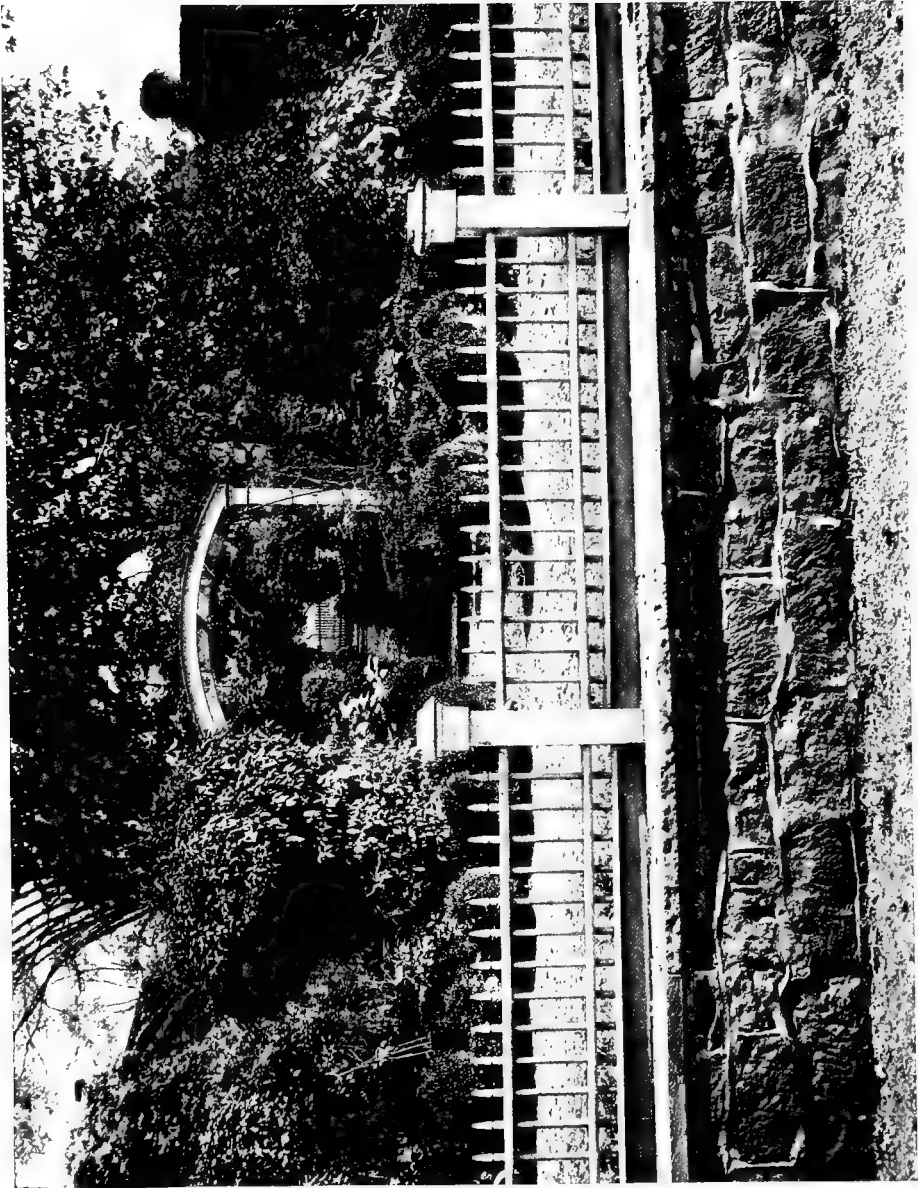
*House of Mrs. Harrison Sanford, at Litchfield, Connecticut
Restored by Mr. Aymar Embury II, Architect*



SUCCESSFUL USE OF A FREE-STANDING WALL



ARBOR IN THE CENTRE OF A CURVED TRELLIS
*Garden of Miss Fannie Mulford, at Hempstead, Long Island. Ruth
Dean, Landscape Architect*



AN OLD DUTCH GARDEN



GAZEBO OF THE ROYALL HOUSE

At Medford, Massachusetts



AN AMUSING WALL FOUNTAIN

*At "Brookside," Estate of Mr. William Hall Walker, Great
Barrington, Massachusetts. Ferruccio Vitale,
Landscape Architect*



A WALL FOUNTAIN COMBINED
WITH A POOL

Garden of Mr. H. H. Rogers, at Tuxedo, New York
Walker and Gillette, Architects



Copyright, 1913, by Frank Cousins

A GARDEN ENTRANCE FOR WHOSE
CHARM AGE IS RESPONSIBLE

House at 80 Federal Street, Salem, Massachusetts

Samuel McIntyre, Architect, 1782



A DOVE COT
In the garden of Mrs. Robert C. Hill, at Easthampton, Long Island



A WROUGHT IRON LANTERN
AND BRACKET

*At Forest Hills Gardens, Forest Hills, Long Island
Grosvenor Atterbury, Designer*



TWO BENCHES OF INTERESTING
DESIGN BACKED UP BY
TRELLIS

Ralph Adams Cram, *Architect*



A REPRODUCTION OF AN OLD
RENAISSANCE URN

*At Hamilton Farm, Gladstone, New Jersey. Ruth Dean,
Landscape Architect; J. C. Kraus, Stoneworker*

