

**COMPARATIVE  
ARCHITECTURAL  
DETAILS**

**The Pencil Points Series**

**COMPARATIVE  
ARCHITECTURAL  
DETAILS**

**The Pencil Points Series**

Foreword by

**RALPH REINHOLD**

*Member of the New York Architects'  
Emergency Committee*

**1934**

**THE REINHOLD PUBLISHING CORPORATION**

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New York, N. Y.

# FOREWORD

*By Ralph Reinhold*

Every architectural detail or feature that goes into a building may be done in a variety of ways according to the skill and judgment of the designer.

The Editors of PENCIL POINTS felt that the architectural profession was continually interested in seeing how other architects have treated doorways, dormer windows, paneling, and a host of other details that have been put together in proper relationship to make an attractive and practical ensemble.

So, when the New York Architects' Emergency Committee assigned a group of men to the Publisher of PENCIL POINTS, with instructions to keep these trained men busy with work to which they were accustomed and which would keep up their morale, during the period of enforced idleness, it was decided to have them make a collection of details of domestic architecture, carefully selected from the work as done by a number of the best practitioners in and around New York City.

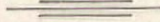
These architects coöperated enthusiastically with the men by giving them their original detail drawings or blue prints from which to work-up the exhibition plates. Photographs were obtained to visualize the finished work and detailed drawings were made to show exactly, to scale when reproduced, how the effect was achieved and put together.

Each month PENCIL POINTS is presenting a group of these details. Many inquiries have been received concerning the publication, in book form, of the series of "Comparative Architectural Details" published during 1932-33. In response to this interest, the first twelve groups have been reprinted in this document.

The Publisher acknowledges his great indebtedness to the New York Architects' Emergency Committee, Clarence Julian Levi, Chairman—who furnished the talented young men for this service. Messrs. Alfred J. Bagley; Philip Birnbaum; Franklin Dominick; Roger Garland; Emil Sesso; and Paul F. Zeidler have worked diligently with the editors of PENCIL POINTS to produce the Plates which follow.

It is hoped that this material will be found valuable by the designer in search of ideas, and of direct aid to the detailer who has to turn the designer's studies into constructible actualities.

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# DOOR HOODS

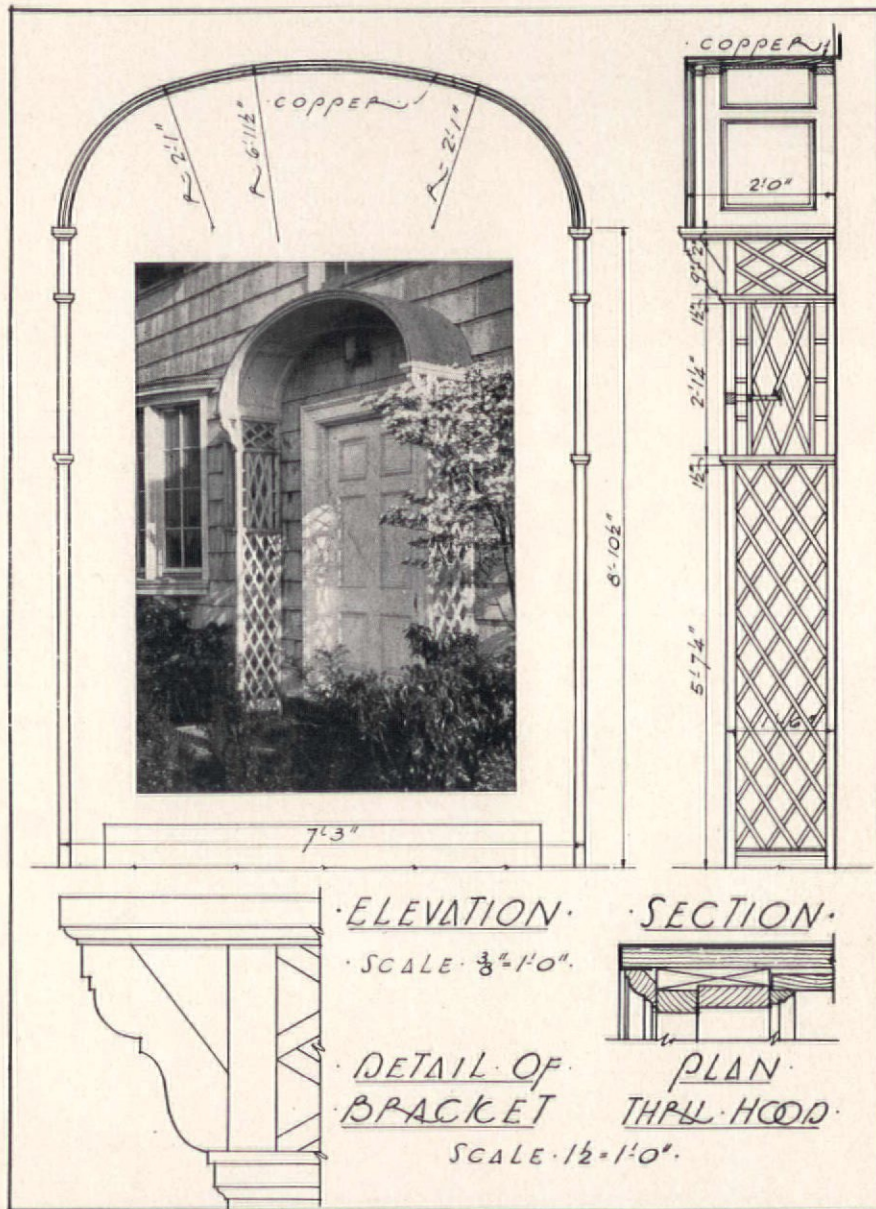


Photo by Garrison

RESIDENCE OF JOHN E. SEARLE, ESQ., WOODMERE, LONG ISLAND, N. Y.  
Henry Otis Chapman, Architect

COMPARATIVE ARCHITECTURAL DETAILS—DOOR HOODS

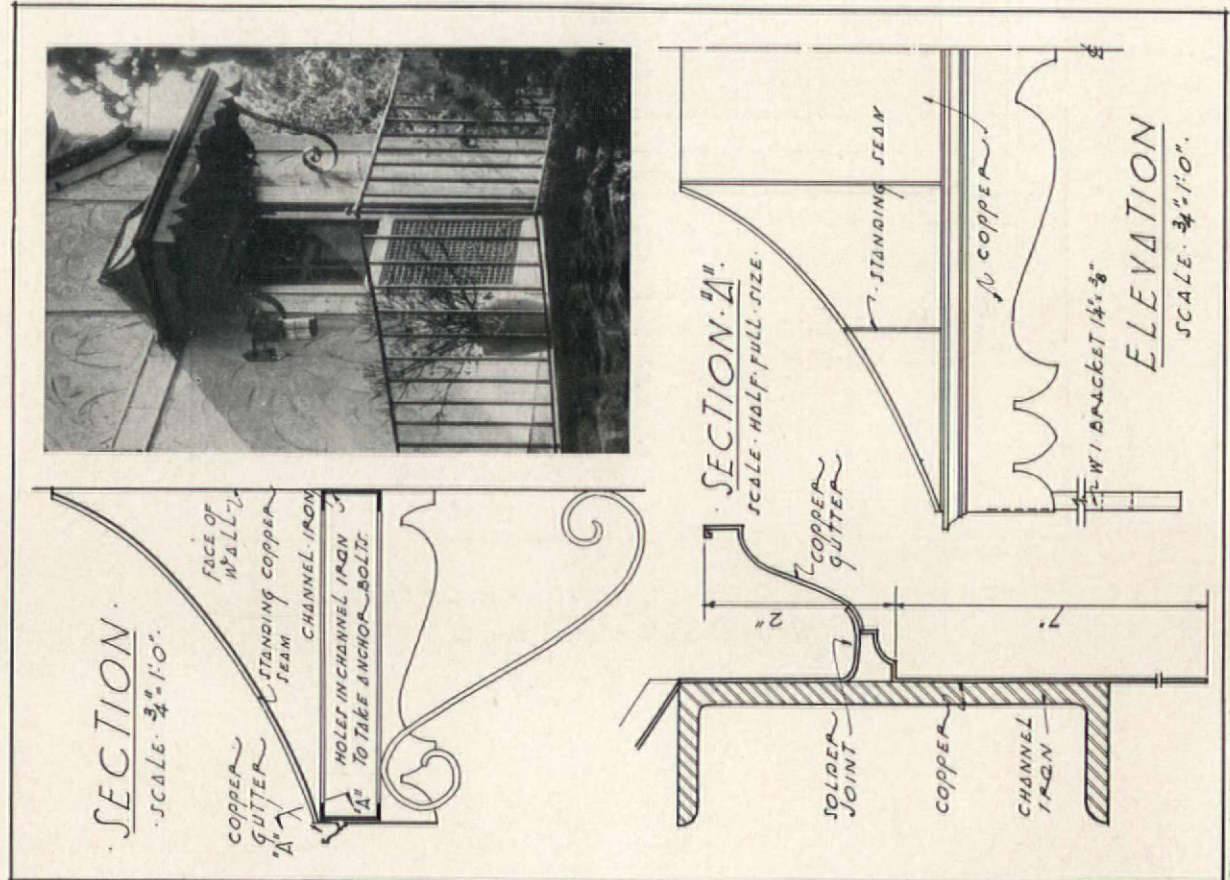


Photo by Van Andu

RESIDENCE OF NORTHROP CLAREY, ESQ., NEW ROCHELLE, NEW YORK

Laurence M. Loeb, Architect

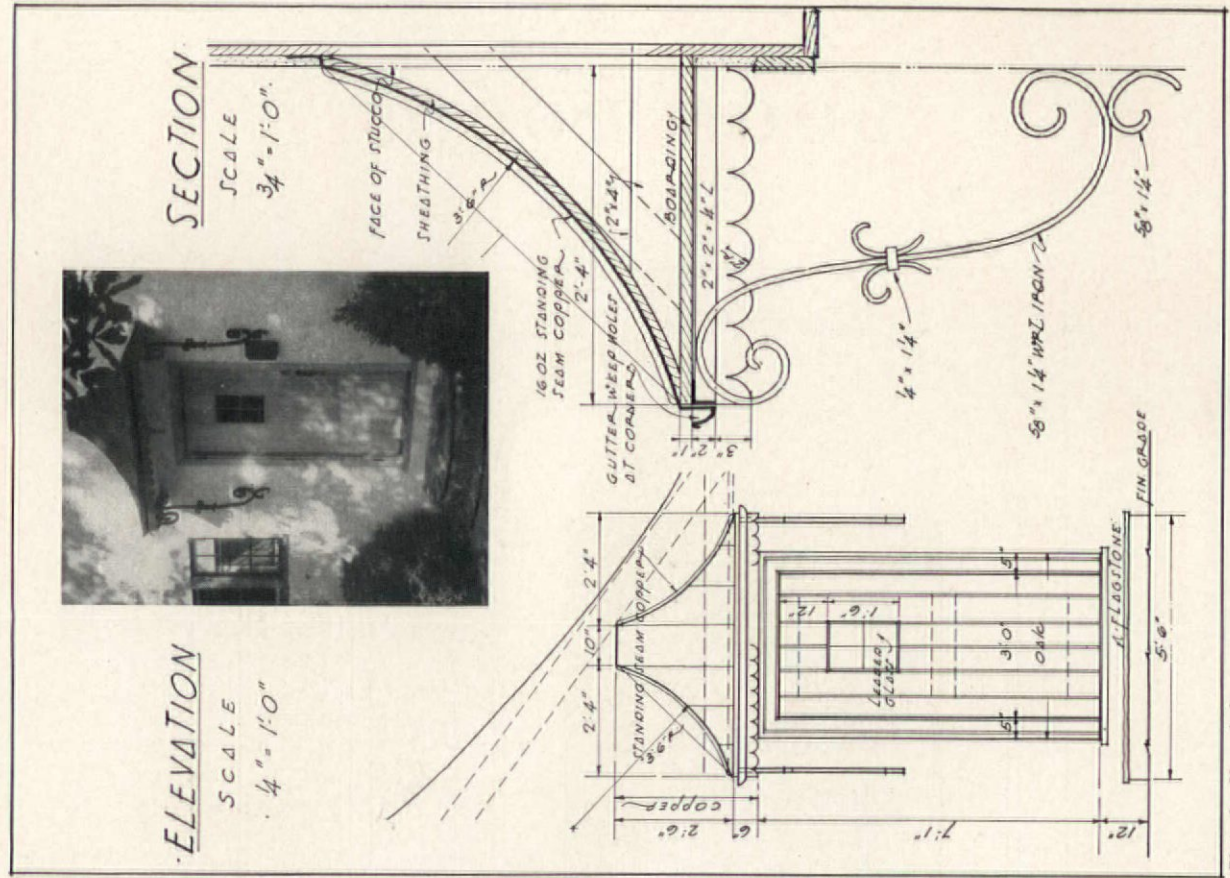


Photo by Van Andu

RESIDENCE OF WILLIAM O. CRABTREE, ESQ., EASTCHESTER, NEW YORK

James Bevan, Architect

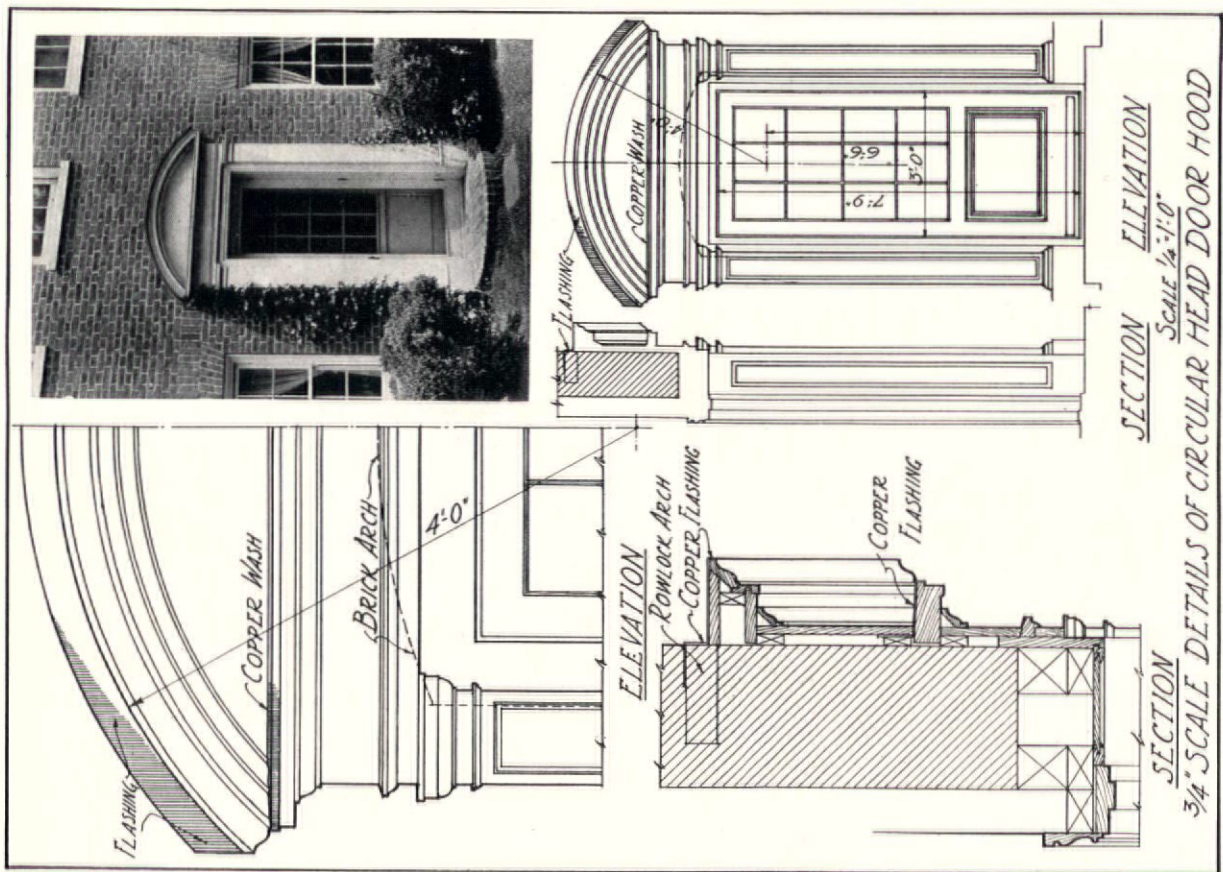


Photo by Mattie Edwards Hewitt

ESTATE OF JAMES A. BURDEN, ESQ., SYOSSET, LONG ISLAND, N. Y.  
Delano and Aldrich, Architects

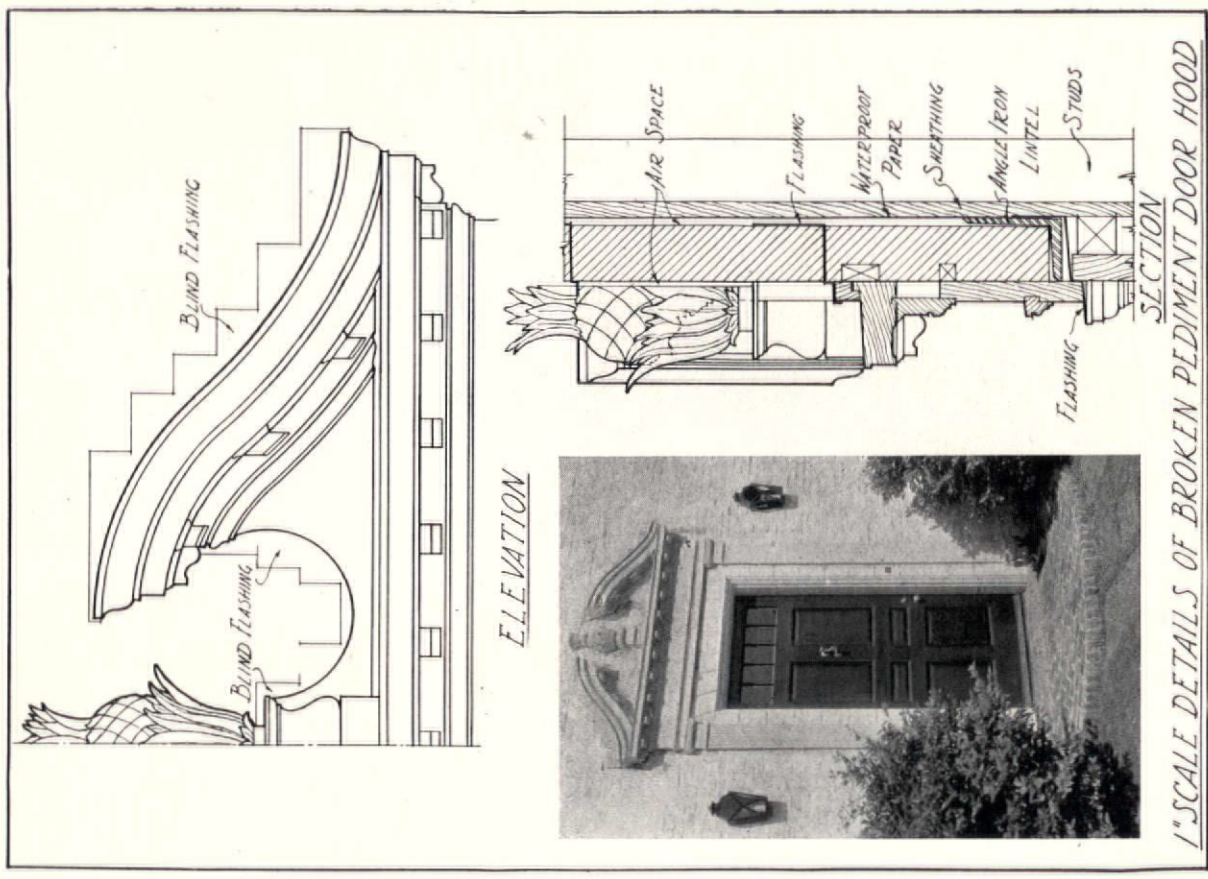


Photo by Mattie Edwards Hewitt

RESIDENCE OF ALFRED W. DATER, ESQ., FISHER'S ISLAND, LONG ISLAND, N. Y.  
Delano and Aldrich, Architects

1" SCALE DETAILS OF BROKEN PEDIMENT DOOR HOOD



COMPARATIVE ARCHITECTURAL DETAILS—DOOR HOODS

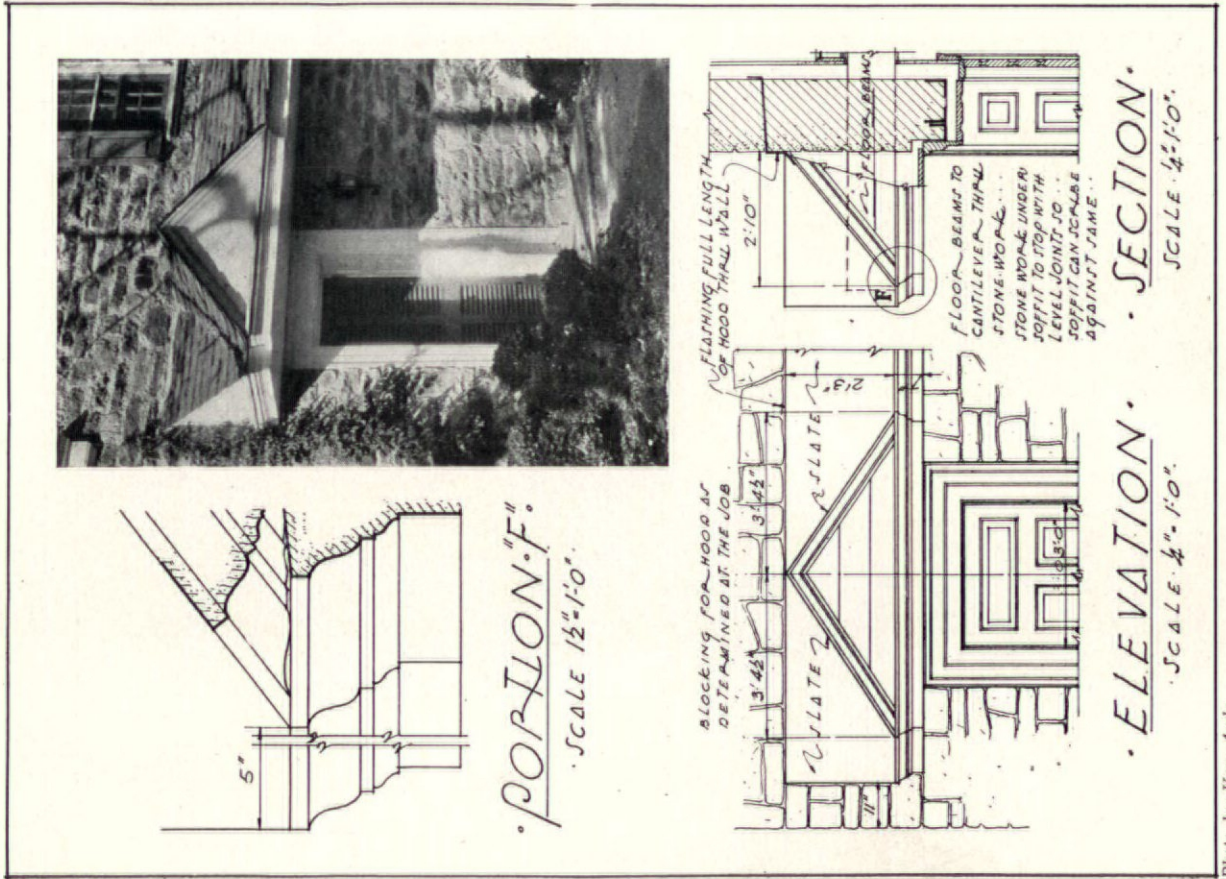


Photo by Van Anda

RESIDENCE OF ROGER H. BULLARD, ESQ., MANHASSET, LONG ISLAND, N. Y.

Roger H. Bullard, Architect

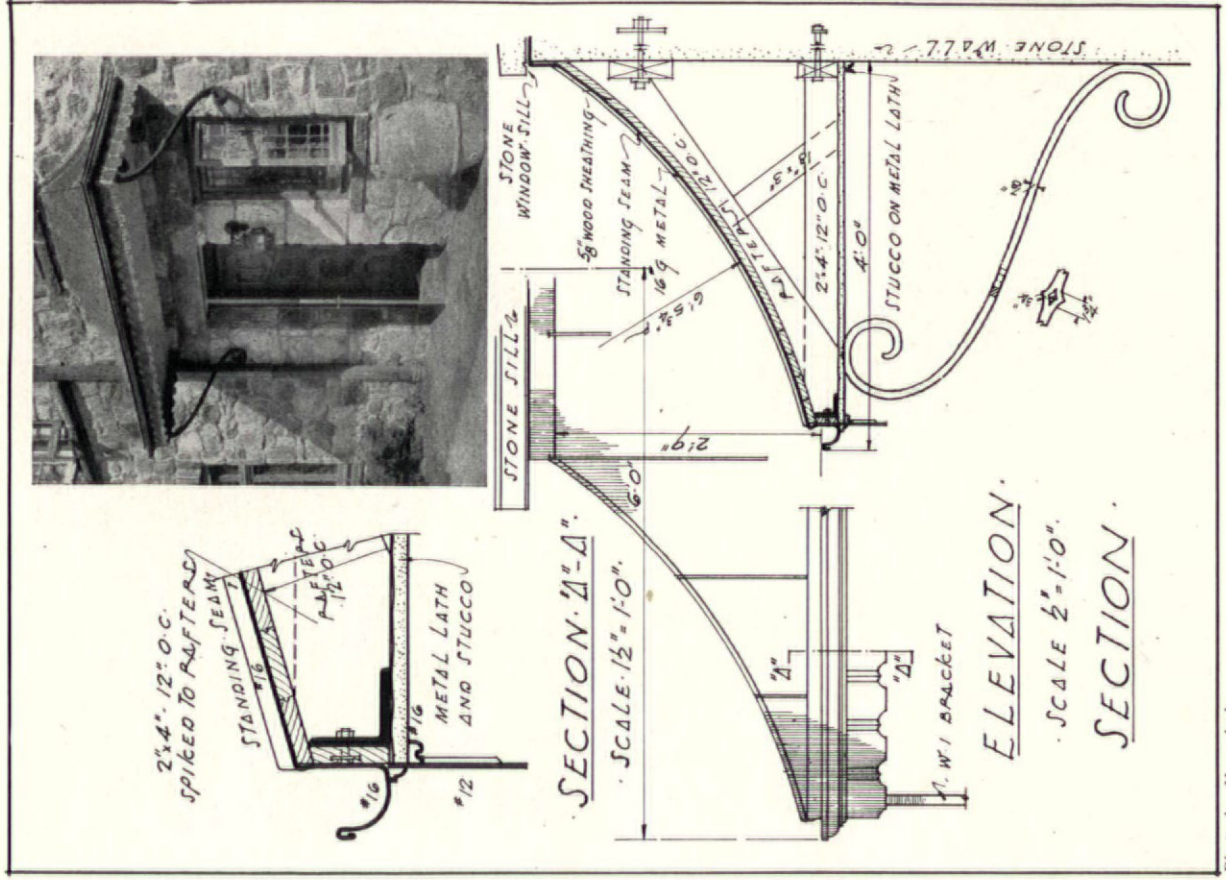


Photo by Van Anda

RESIDENCE OF HENRY A. RUDKIN, ESQ., FAIRFIELD, CONNECTICUT

Walter Bradnee Kirby, Architect

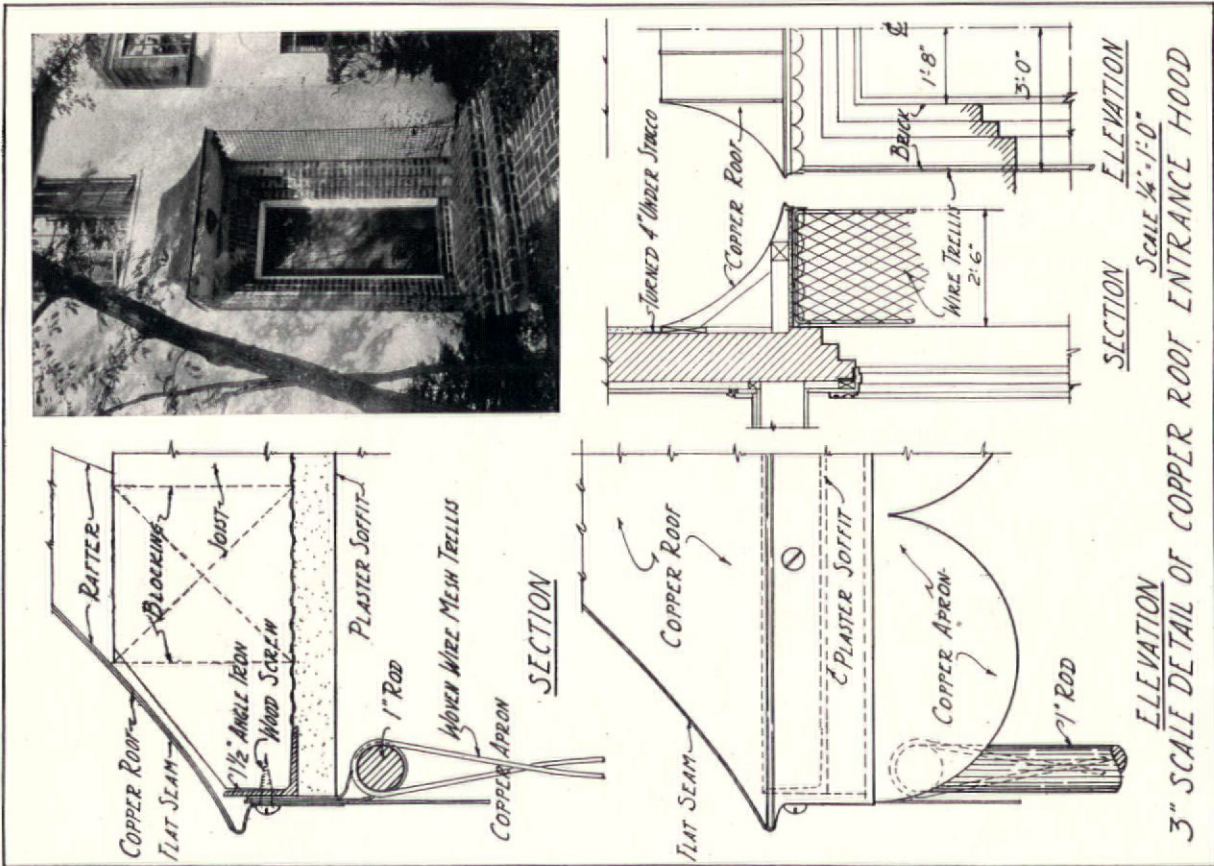


Photo by Gillies

RESIDENCE OF WALDRON FAULKNER, ESQ., BRONXVILLE, NEW YORK  
 Waldron Faulkner, Architect

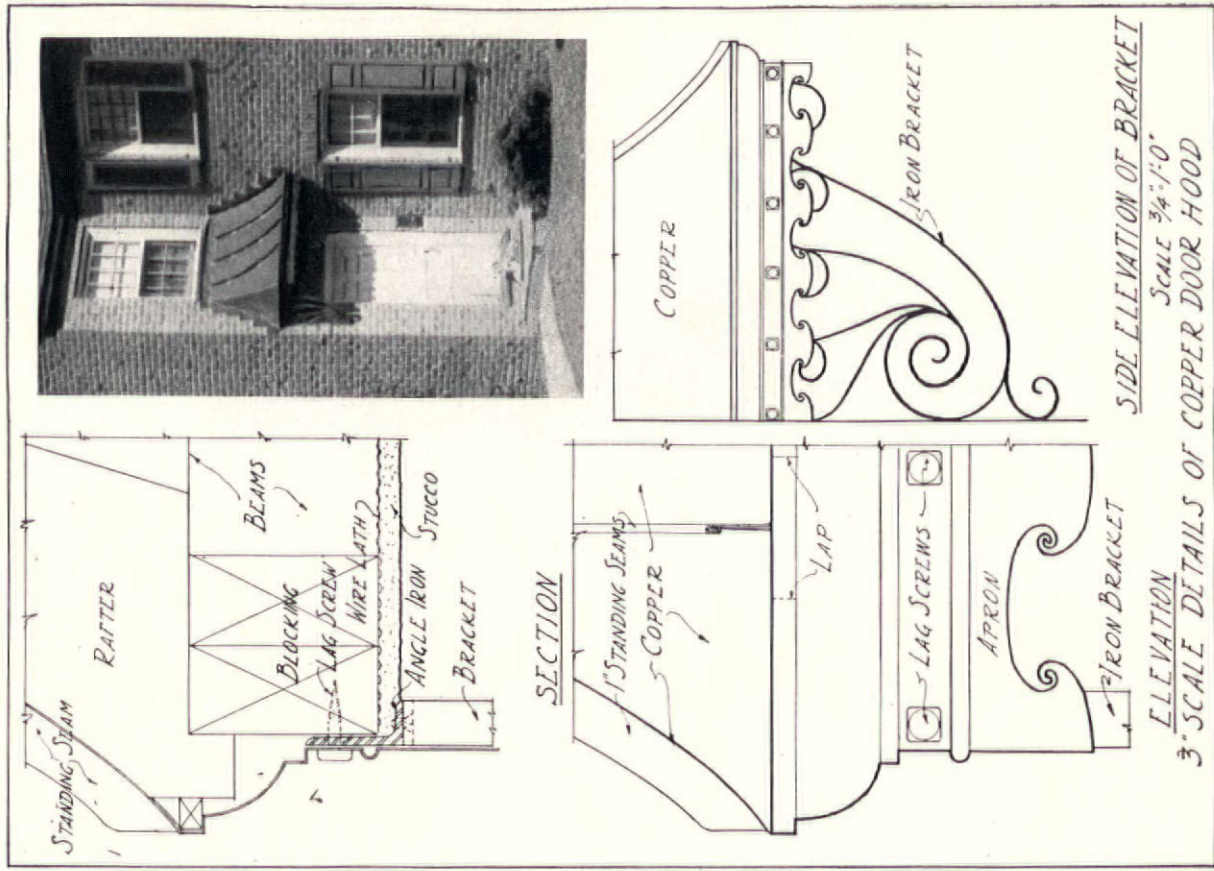
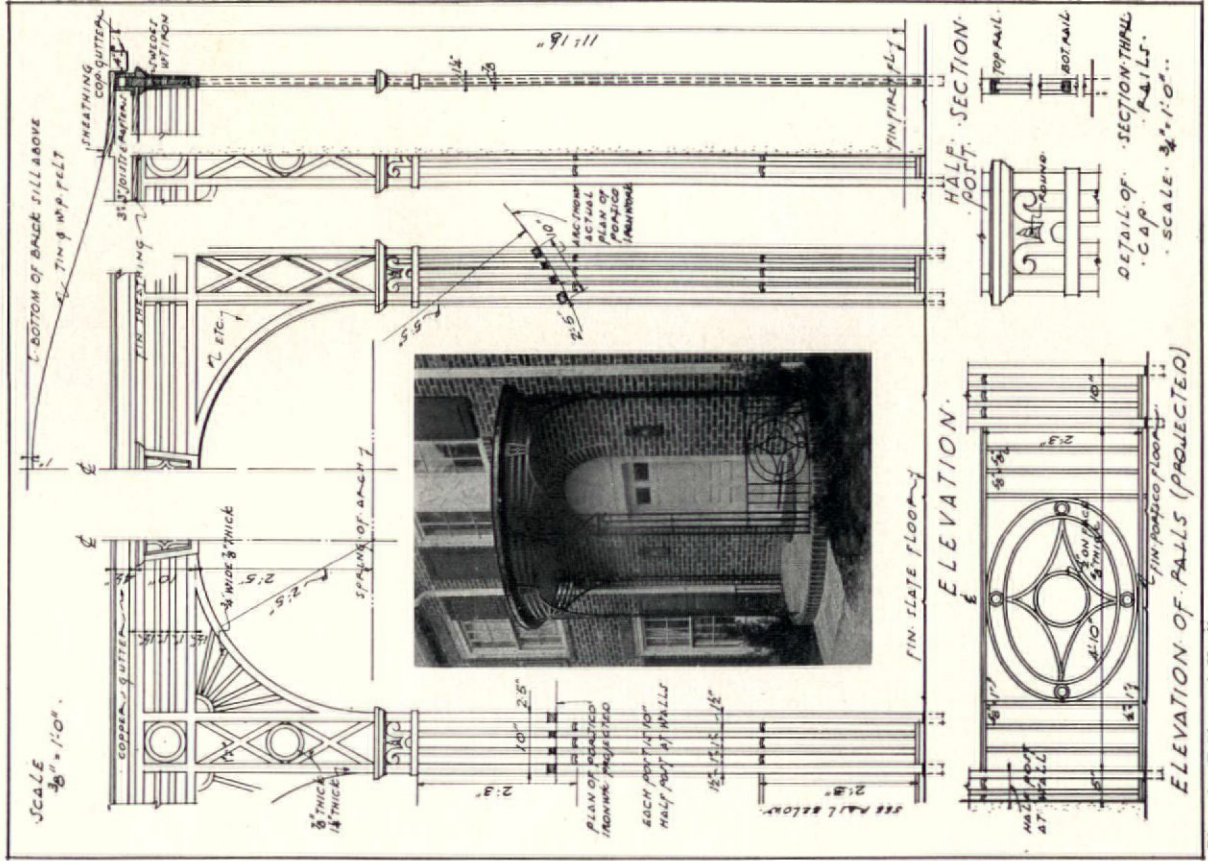
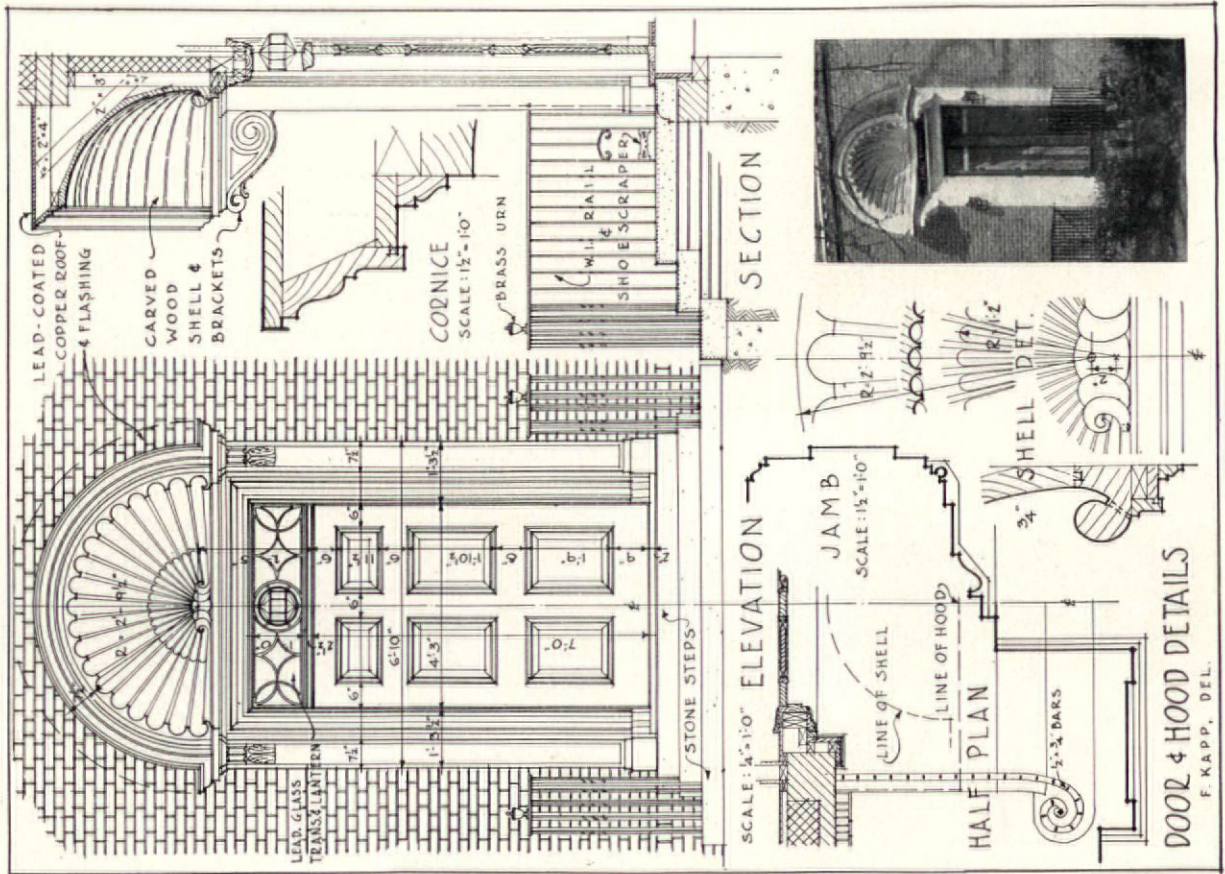


Photo by F. R. Rose

RESIDENCE OF RAYMOND ANTHONY, ESQ., BRONXVILLE, NEW YORK  
 Robert H. Scannell, Architect

COMPARATIVE ARCHITECTURAL DETAILS—DOOR HOODS



RESIDENCE OF GEORGE GRANT MASON, ESQ., YEAMANS HALL, CHARLESTON, S. C.  
 Melvin Pratt Spalding, Architect

DIBBLE MEMORIAL LIBRARY, AIKEN, SOUTH CAROLINA  
 F. Burrall Hoffman, Jr., and Murray Hoffman, Architects

# EXTERIOR STEPS

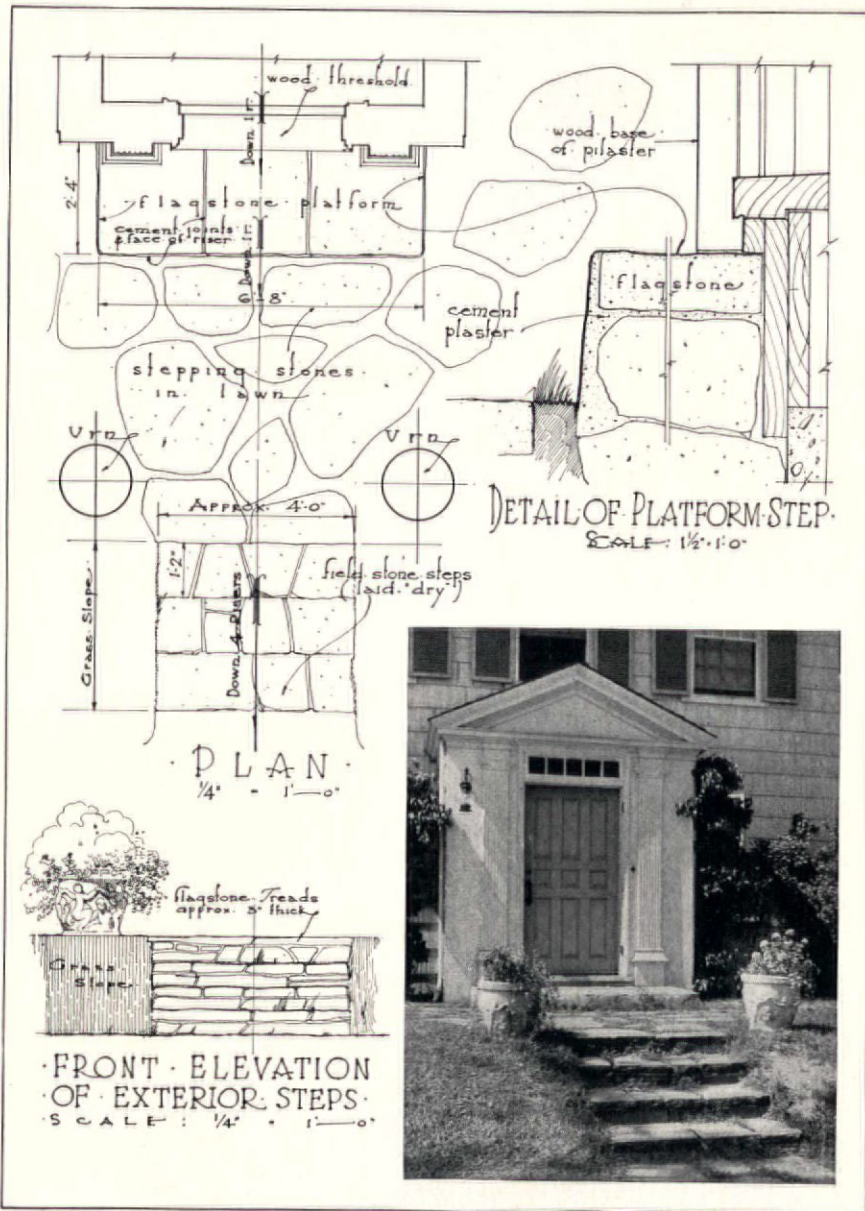


Photo by Van Anda

RESIDENCE OF MRS. DAVID FLEMING, SOUTHPORT, CONNECTICUT  
*Clark and Arms, Architects*







# EAVES AND GUTTERS

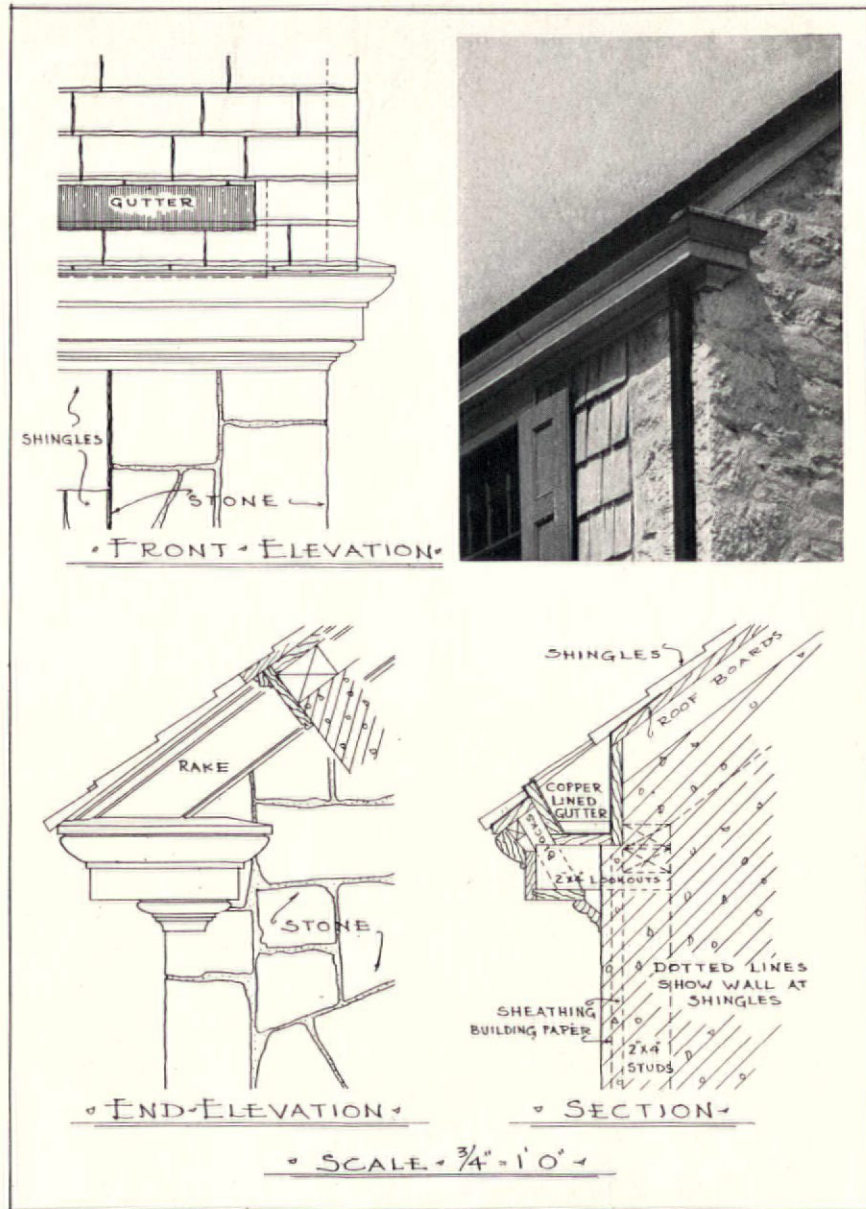


Photo by Glasgow

RESIDENCE OF ELIZABETH M. CAMPBELL, NEW CANAAN, CONNECTICUT

Frank J. Forster, Architect



COMPARATIVE ARCHITECTURAL DETAILS—EAVES AND GUTTERS

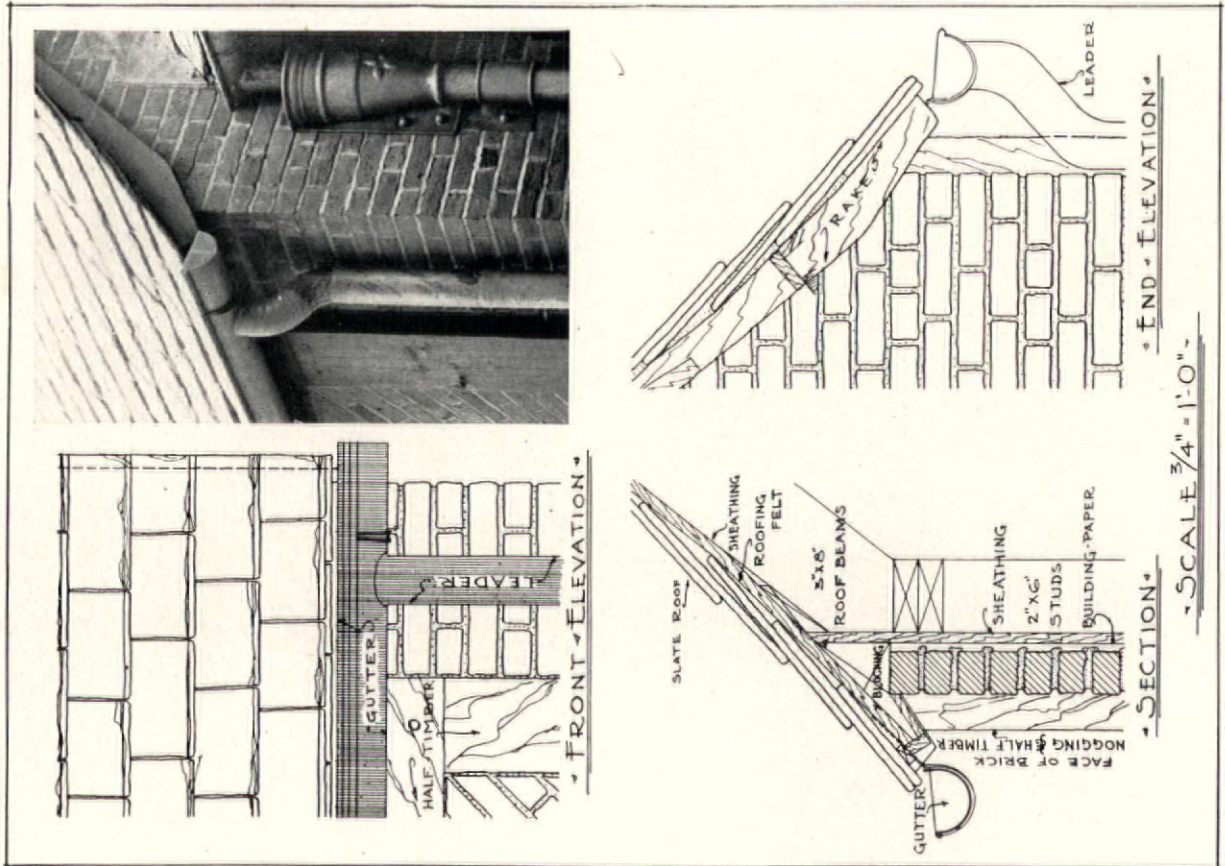


Photo by Van Andra

RESIDENCE OF HAROLD HARTSHORNE, ESQ., RUMSON, NEW JERSEY

Roger H. Bullard, Architect

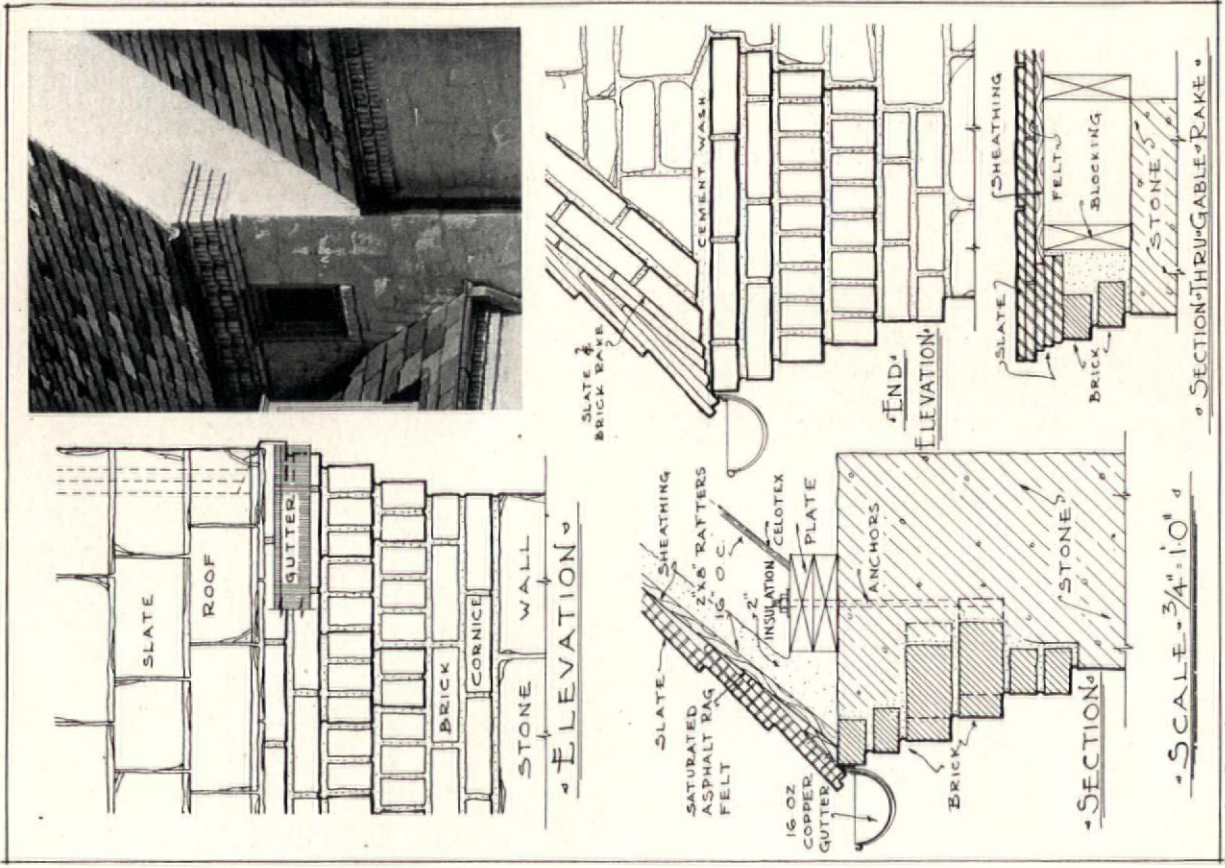


Photo by Gottsche

RESIDENCE FOR LOUIS WILPUTTE, ESQ., NEW ROCHELLE, NEW YORK

Julius Gregory, Architect

FRONT ELEVATION

SECTION

SCALE 3/4" = 1'-0"

Photo by Gillies

RESIDENCE OF DR. L. DUNCAN BULKLEY, FIELDSTON, NEW YORK  
 Dwight James Baum, Architect

FRONT ELEVATION

SECTION

SCALE 3/4" = 1'-0"

Photo by Van Anda

RESIDENCE OF C. K. SKINNER, ESQ., SOUTHPORT, CONNECTICUT  
 Cameron Clark, Architect

COMPARATIVE ARCHITECTURAL DETAILS—EAVES AND GUTTERS

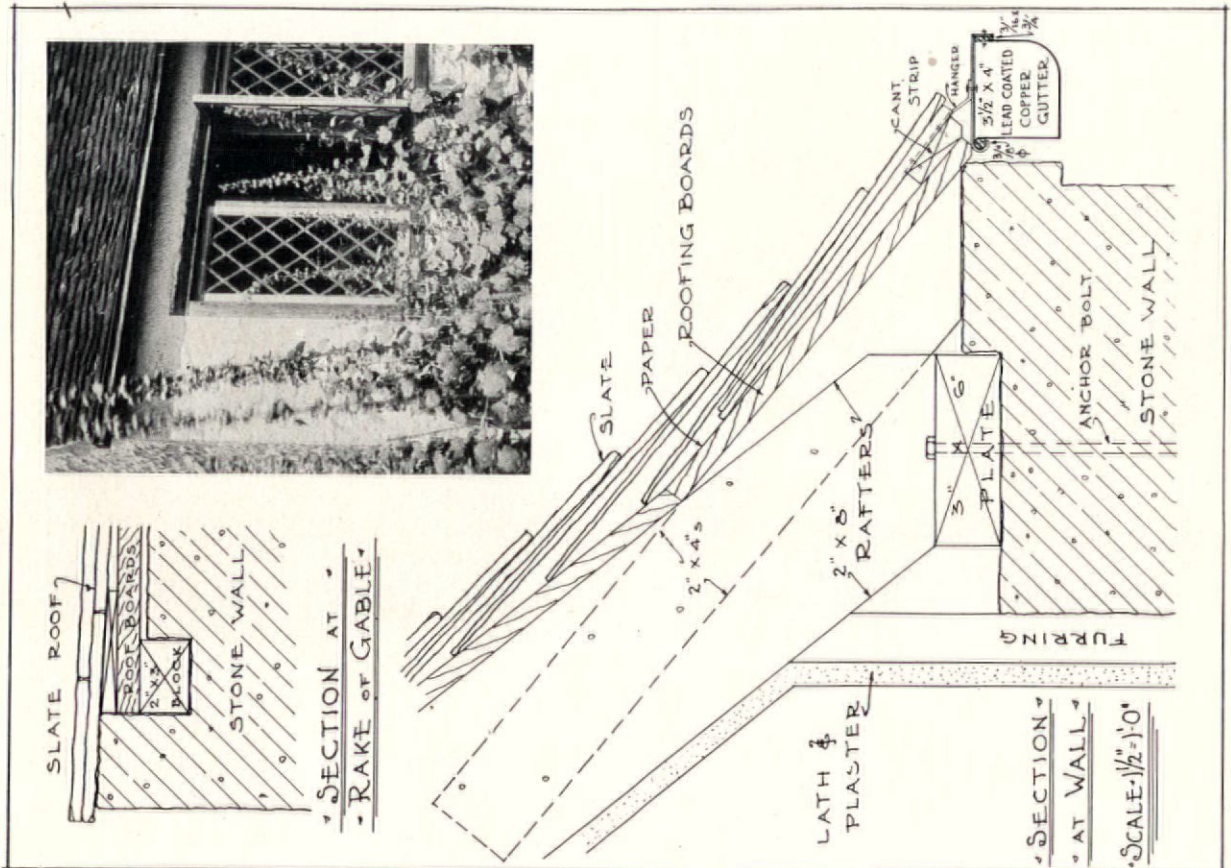


Photo by Glasgow

RESIDENCE FOR A. M. SWANK, ESQ., JOHNSTOWN, PENNSYLVANIA  
Frank J. Forster, Architect

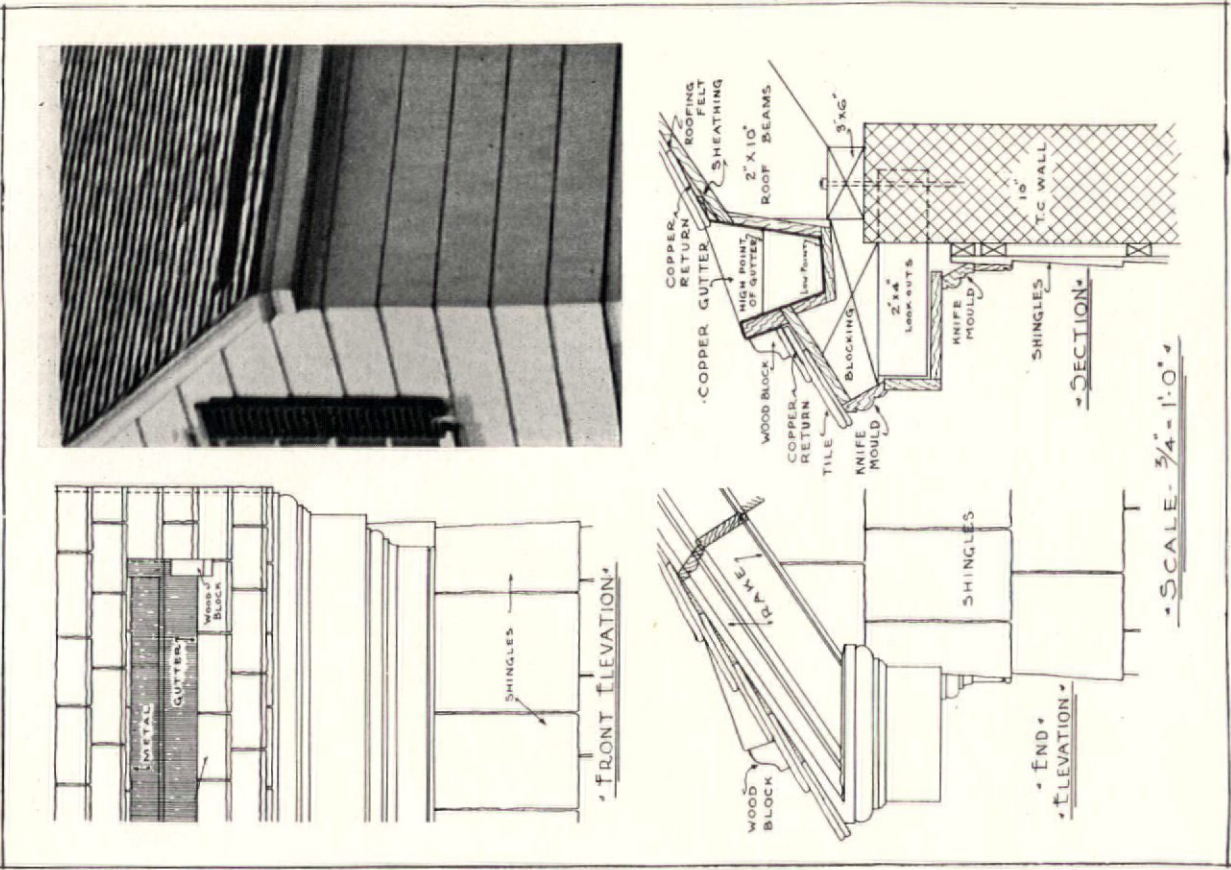
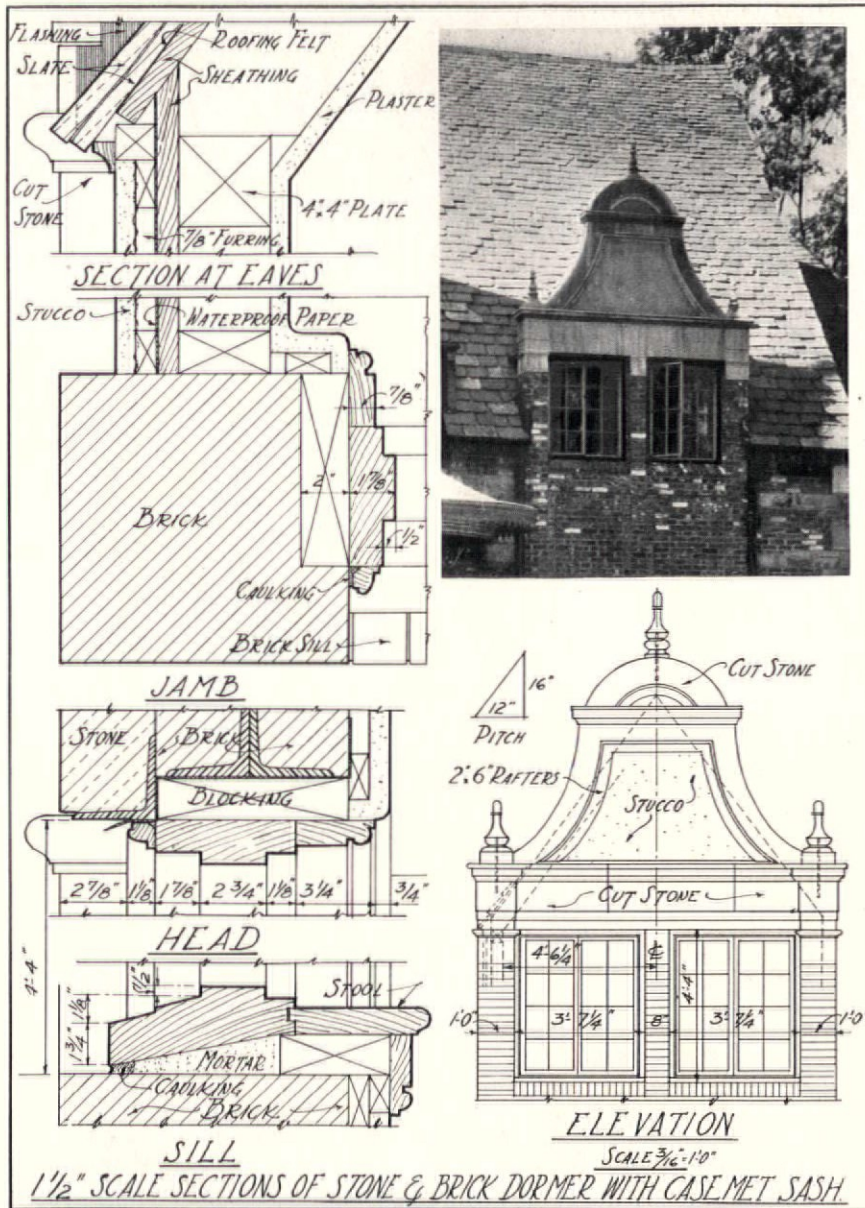


Photo by Van Anda

OAKLAND GOLF CLUB, BAYSIDE, LONG ISLAND, NEW YORK  
Roger H. Bullard, Architect

# DORMERS



RIDGEWOOD COUNTRY CLUB, PARAMUS, NEW JERSEY

C. C. Wendehack, Architect

COMPARATIVE ARCHITECTURAL DETAILS—DORMERS

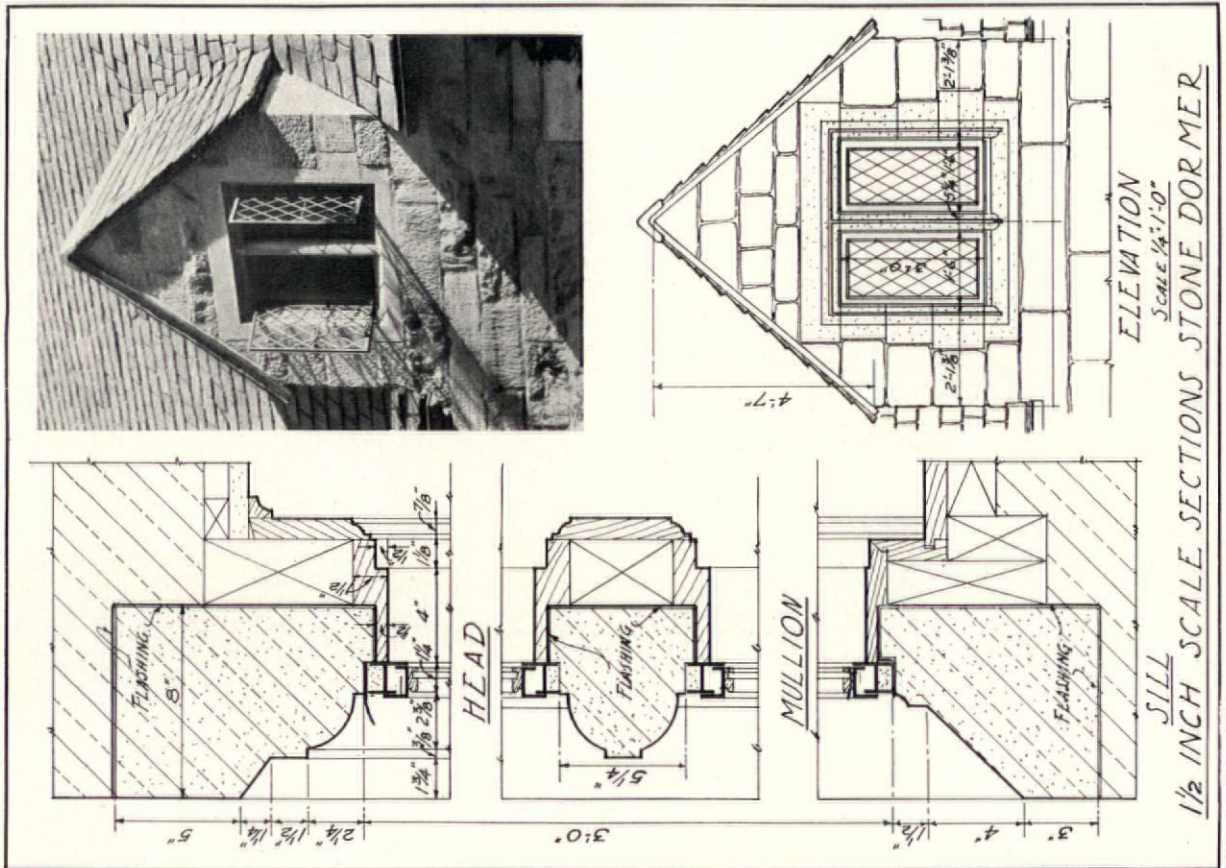


Photo by Van Anda

RESIDENCE OF SAMUEL A. SALVAGE, GLEN HEAD, LONG ISLAND, N. Y.  
Roger H. Bullard, Architect

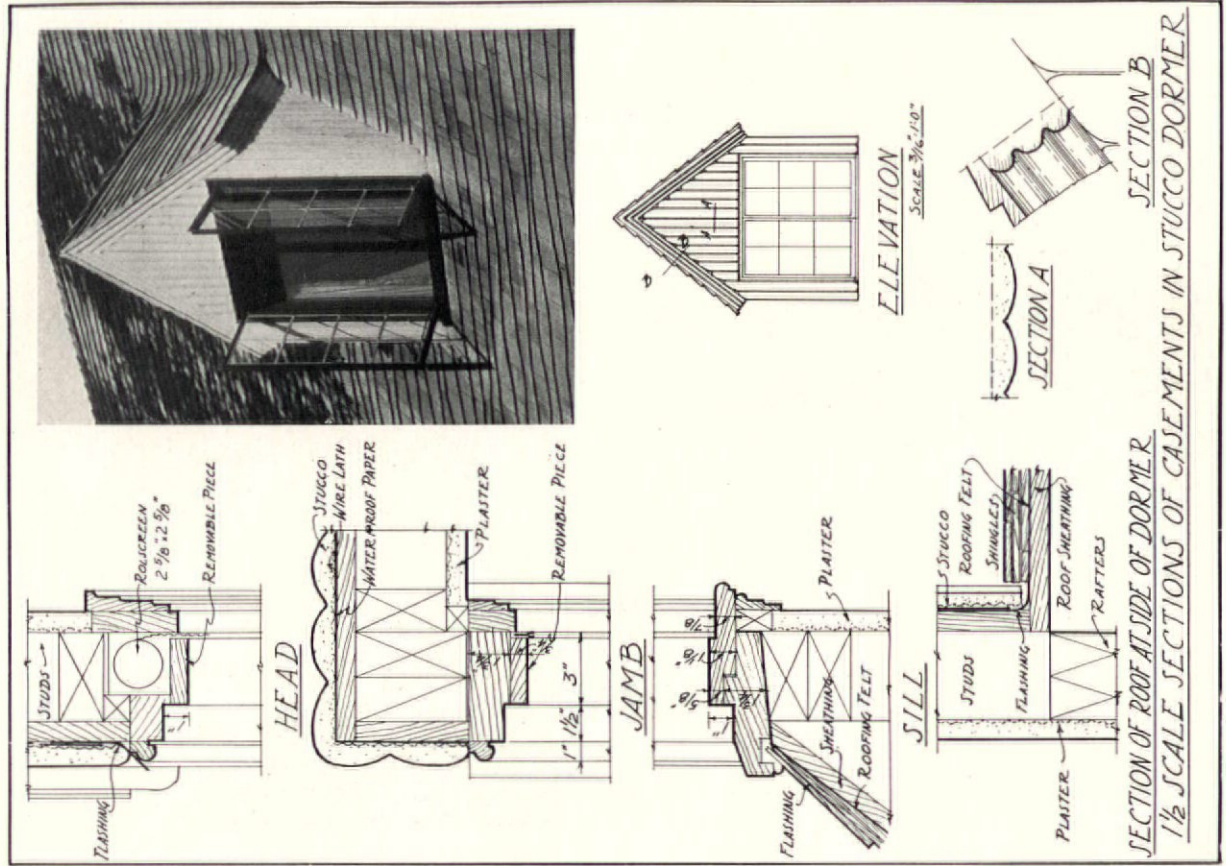


Photo by Van Anda

RESIDENCE OF H. L. HOYT, GREAT NECK, LONG ISLAND, N. Y.  
Julius Gregory, Architect

COMPARATIVE ARCHITECTURAL DETAILS — DORMERS

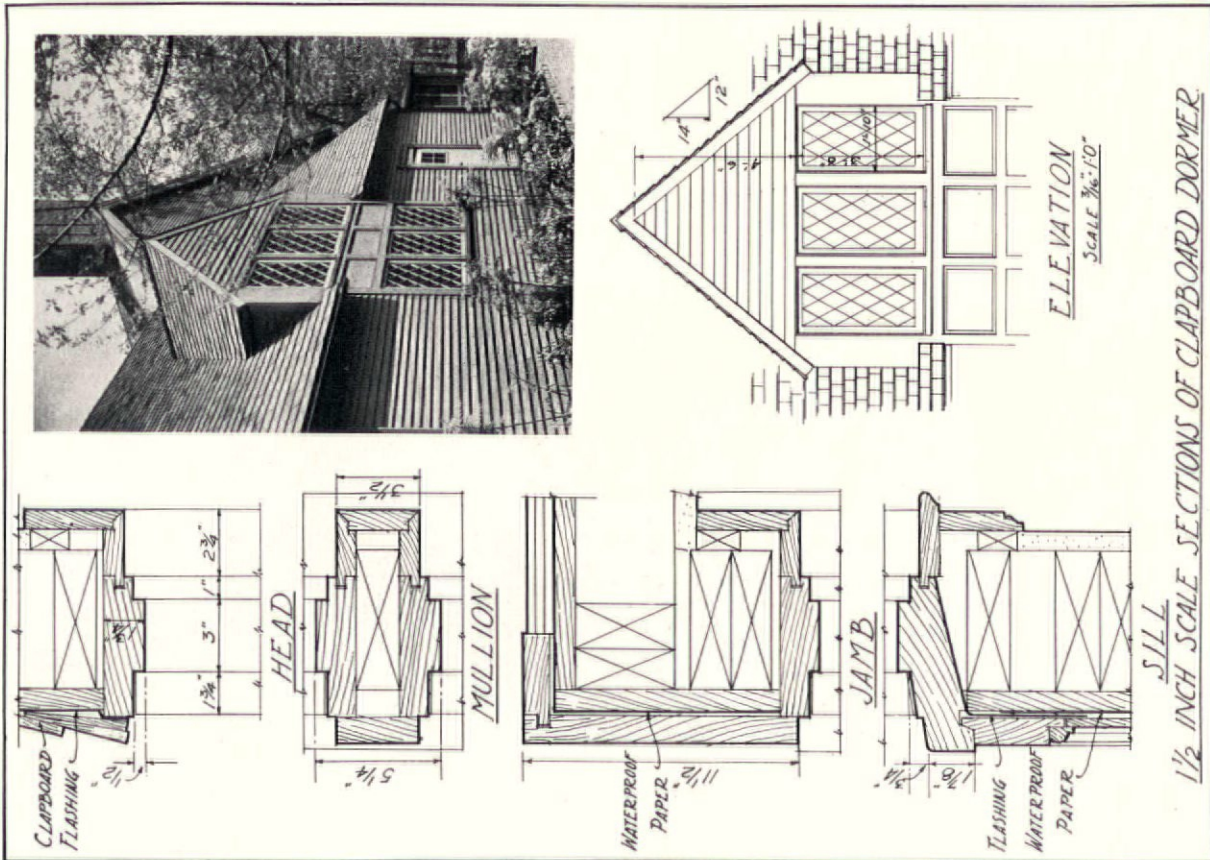
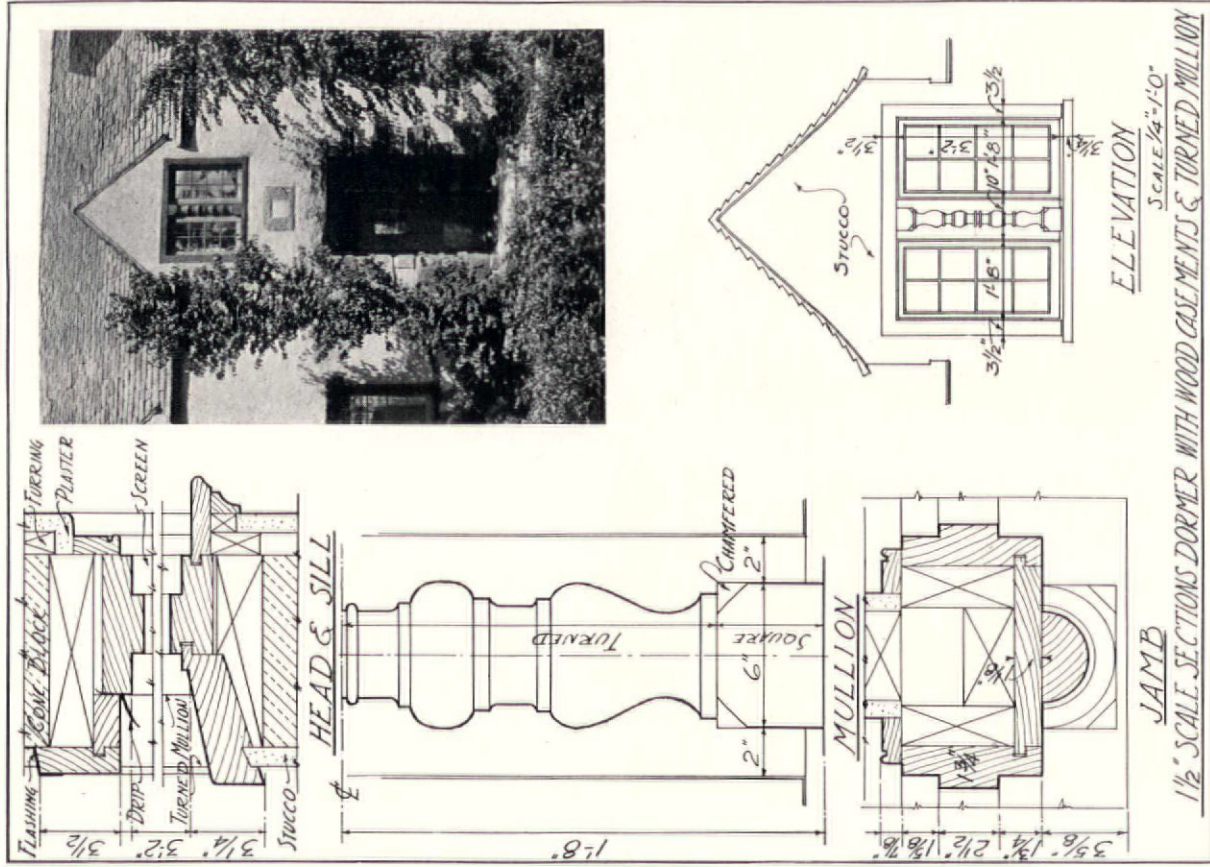


Photo by Van Anda

RESIDENCE OF MRS. SARAH T. RICHMOND, BROOKVILLE, BROOKVILLE, LONG ISLAND, N. Y.

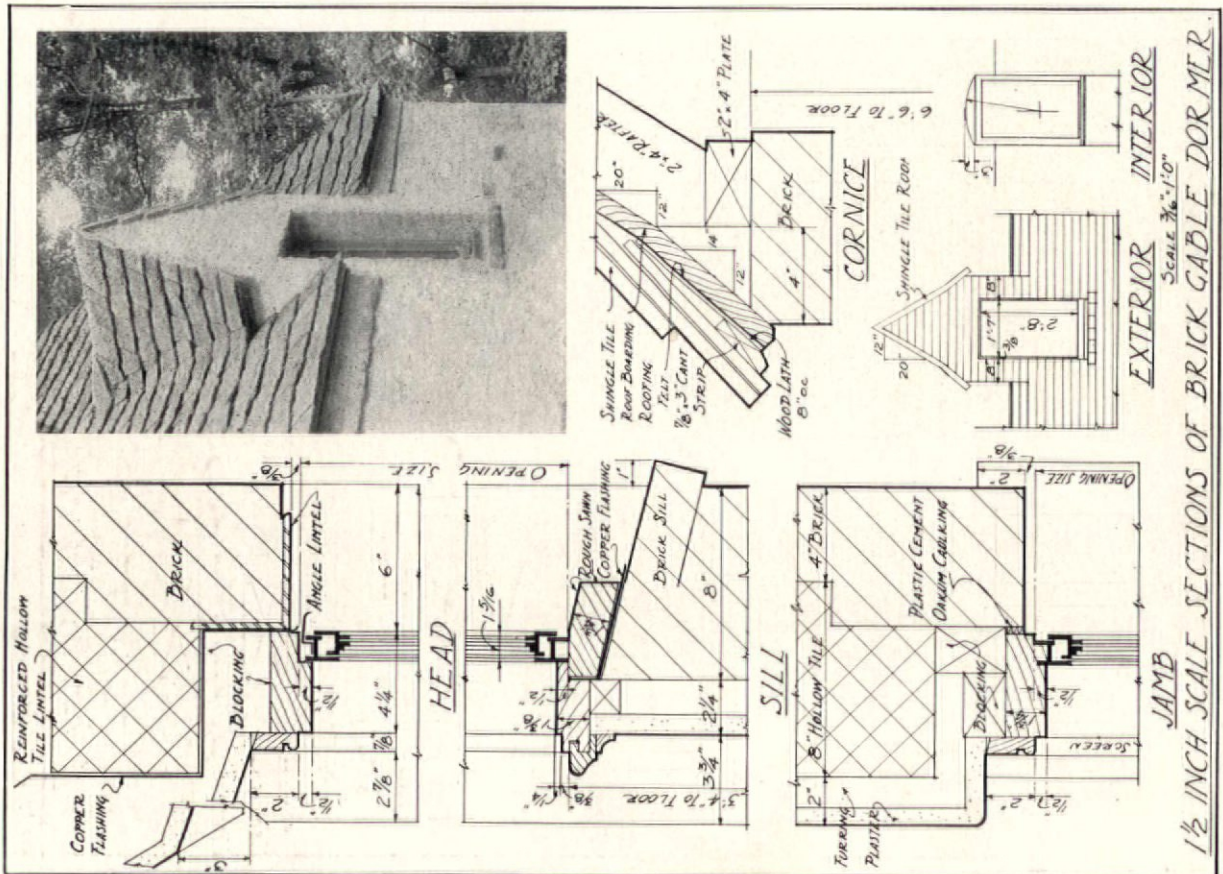
Roger H. Bullard, Architect



RESIDENCE OF GEORGE F. BAYLE, JR., GLENS FALLS, NEW YORK

Godwin, Thompson, and Patterson, Architects

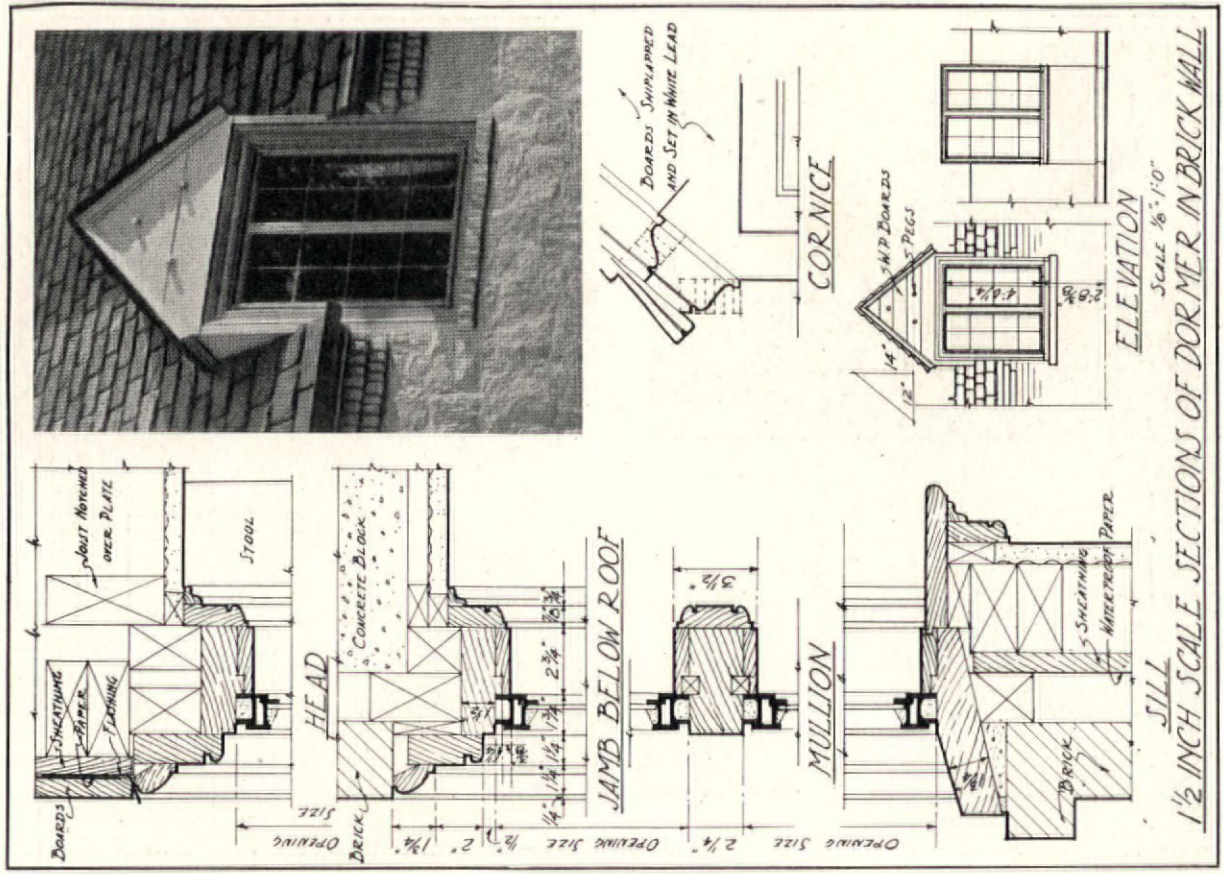
COMPARATIVE ARCHITECTURAL DETAILS—DORMERS



1 1/2 INCH SCALE SECTIONS OF BRICK GABLE DORMER

Photo by Gillies

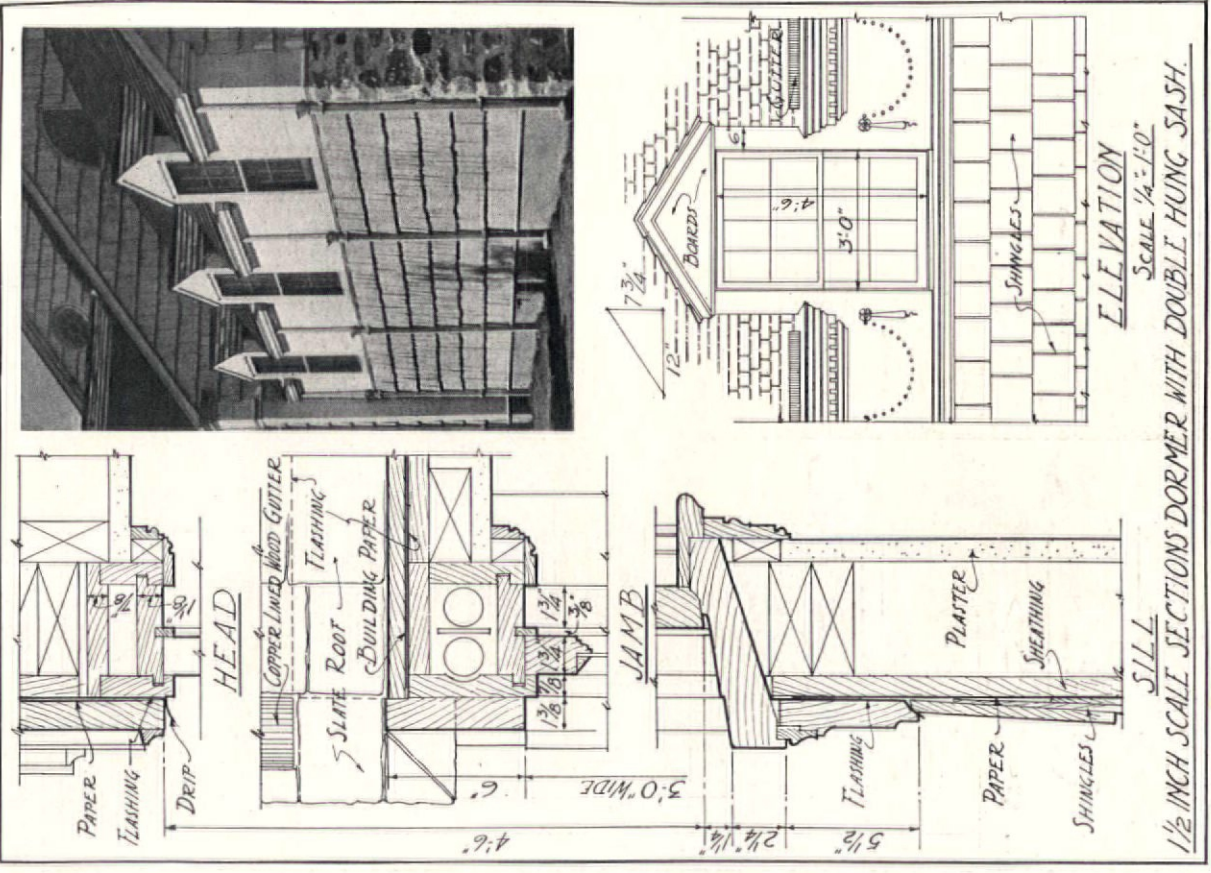
RESIDENCE OF G. BROWNING, GREENWICH, CONNECTICUT  
 Frank J. Forster, Architect



1 1/2 INCH SCALE SECTIONS OF DORMER IN BRICK WALL

Photo by Gottscho

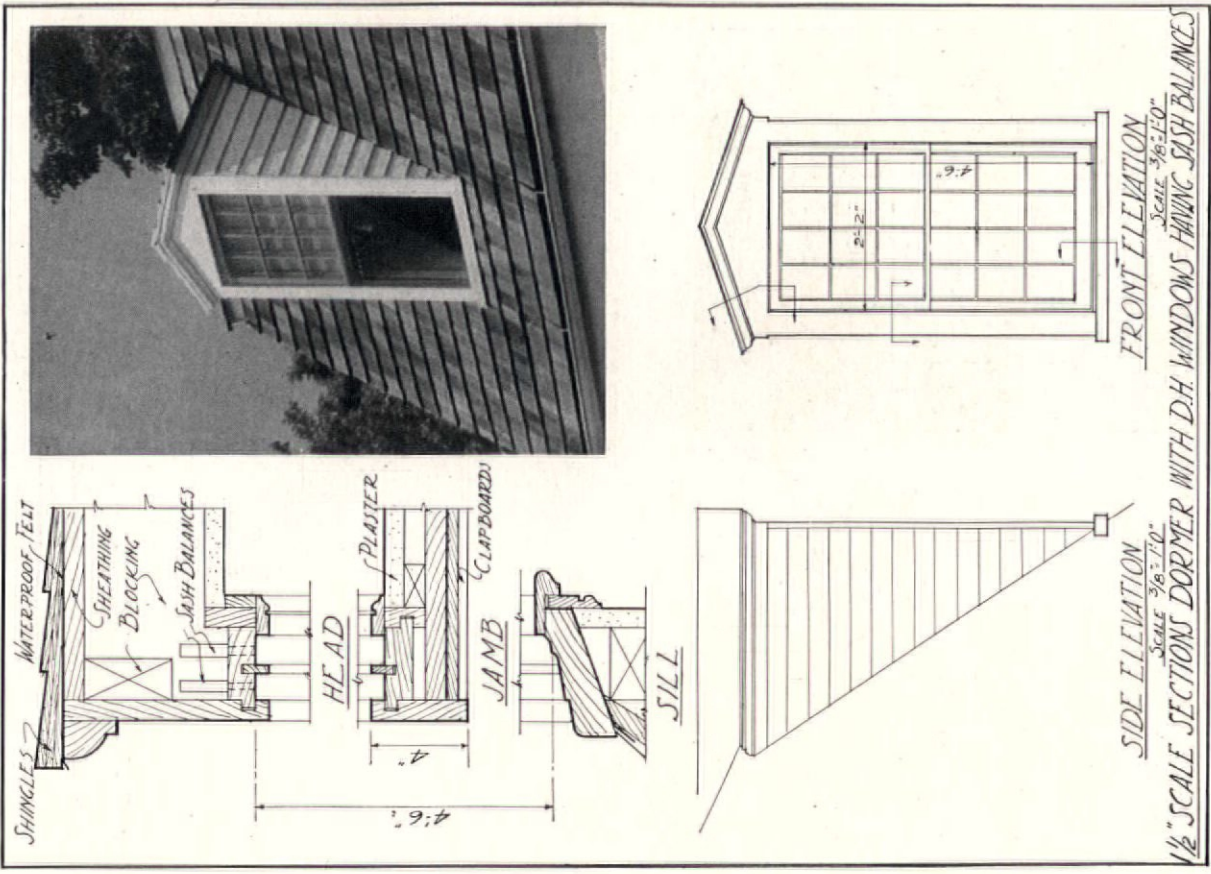
RESIDENCE OF LOUIS WILPUTTE, NEW ROCHELLE, NEW YORK  
 Julius Gregory, Architect



1 1/2 INCH SCALE SECTIONS DORMER WITH DOUBLE HUNG SASH.

Photo by Acme

NORTH HEMPSTEAD COUNTRY CLUB, PORT WASHINGTON, LONG ISLAND  
 C. C. Wendehack, Architect



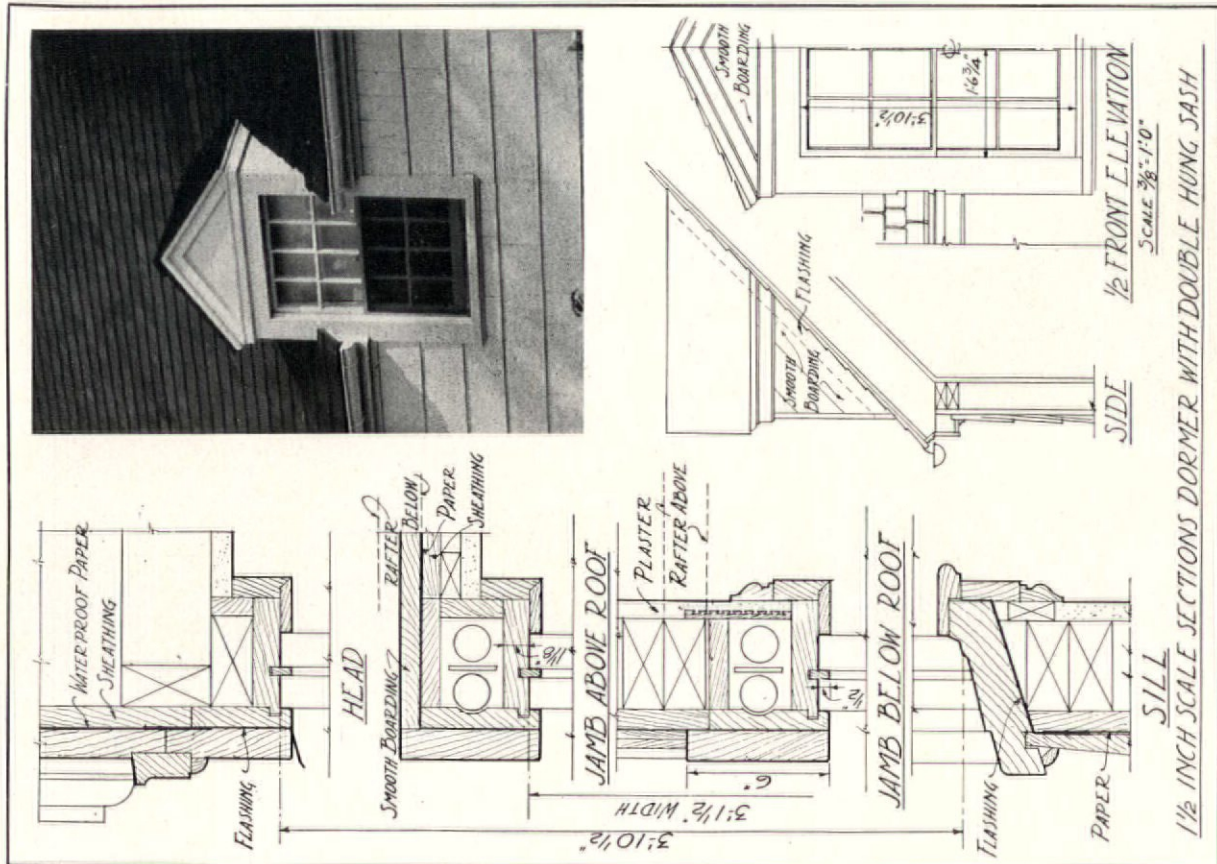
1 1/2 INCH SCALE SECTIONS DORMER WITH D.H. WINDOWS HAVING SASH BALANCES

Photo by Van Anda

RESIDENCE OF MRS. W. S. BREWSTER, FAIRFIELD, CONNECTICUT  
 Cameron Clark, Architect



COMPARATIVE ARCHITECTURAL DETAILS—DORMERS



1/2 INCH SCALE SECTIONS DORMER WITH DOUBLE HUNG JAMB

SCALE 3/8" = 1'-0"

1/2 FRONT ELEVATION

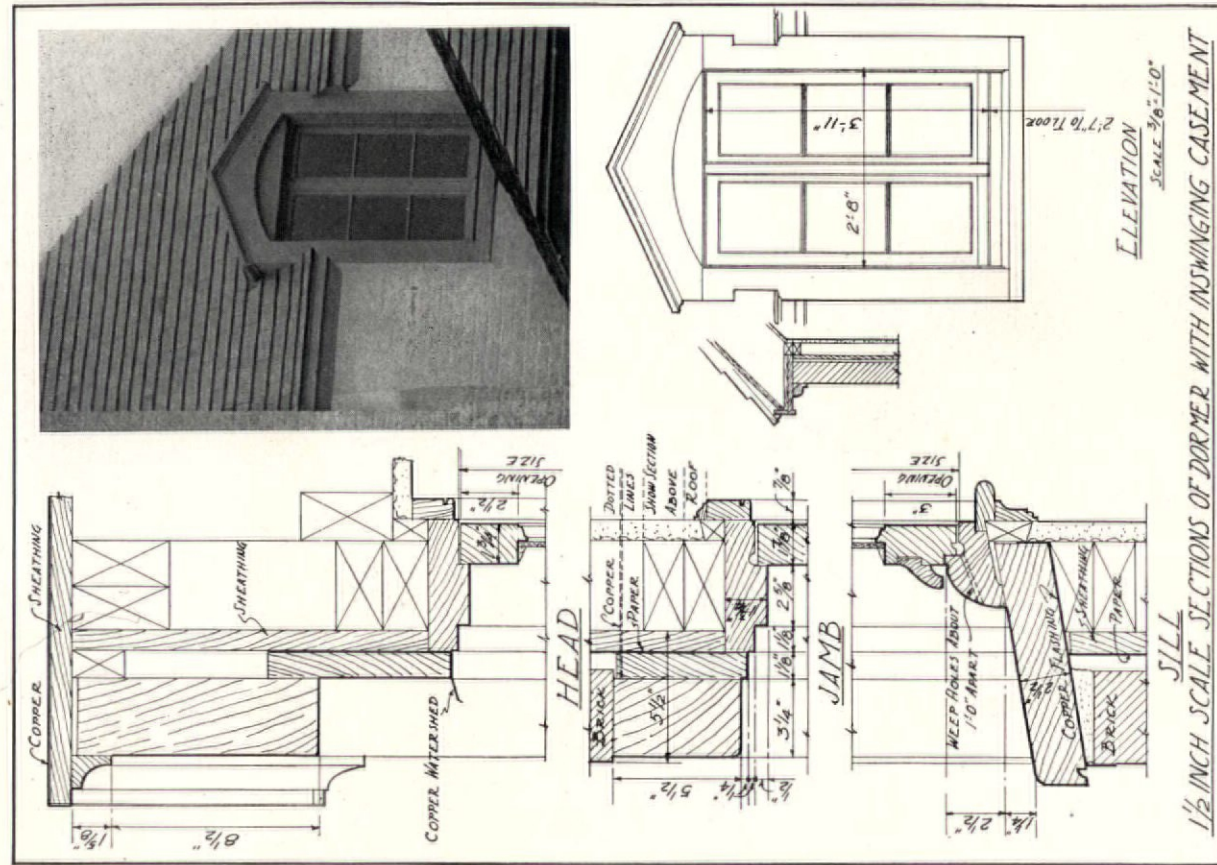
SIDE

SILL

Photo by Van Anda

RESIDENCE OF GARDNER HAZEN, RYE, NEW YORK

Cameron Clark, Architect



1/2 INCH SCALE SECTIONS OF DORMER WITH INSWINGING CASEMENT

SCALE 3/8" = 1'-0"

ELEVATION

Photo by Dix Duryea

RESIDENCE FOR WESTWOOD HOLDING CO., HEWLETT HARBOR, L. I.

Alfred Easton Poor, Architect

# CHIMNEYS

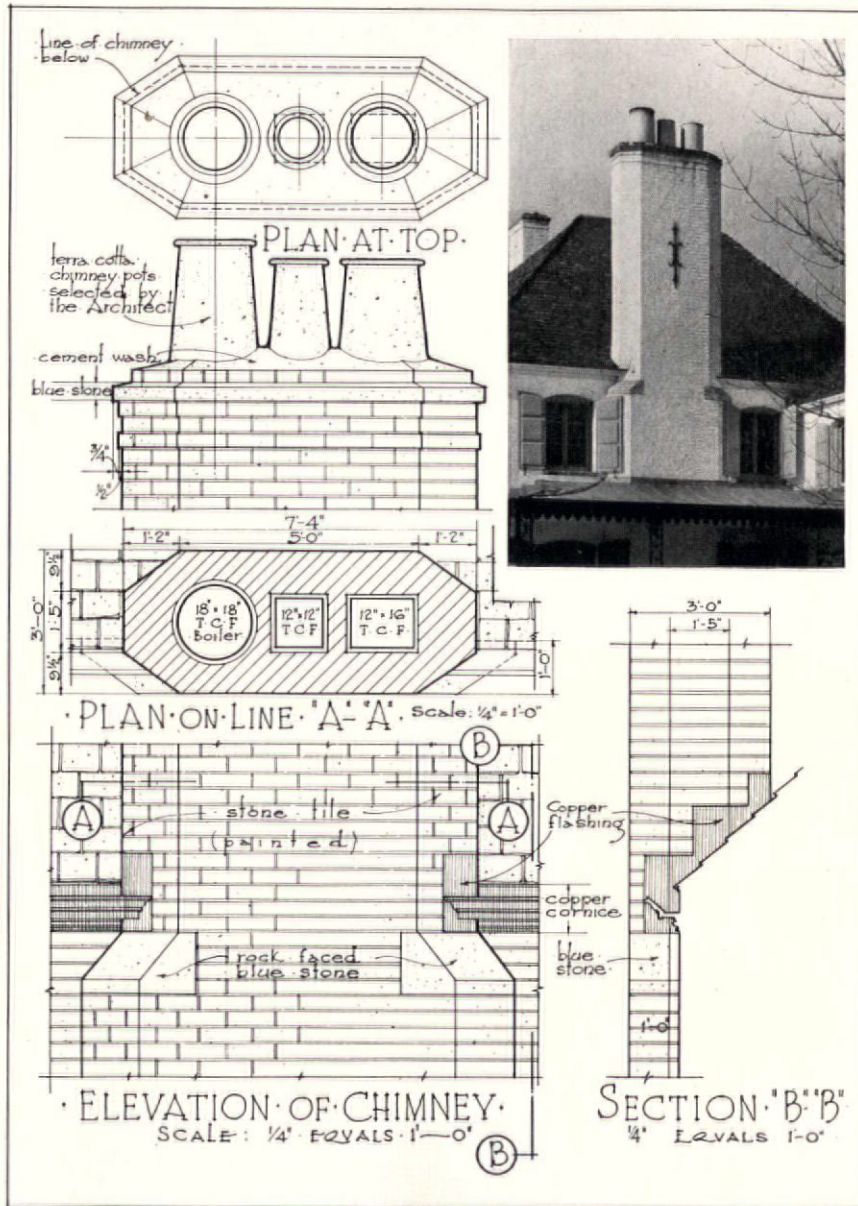


Photo by Gottscho

RESIDENCE OF CARROLL B. ALKER, ESQ., BROOKVILLE, LONG ISLAND, N. Y.

Bradley Delehanty, Architect

COMPARATIVE ARCHITECTURAL DETAILS — CHIMNEYS

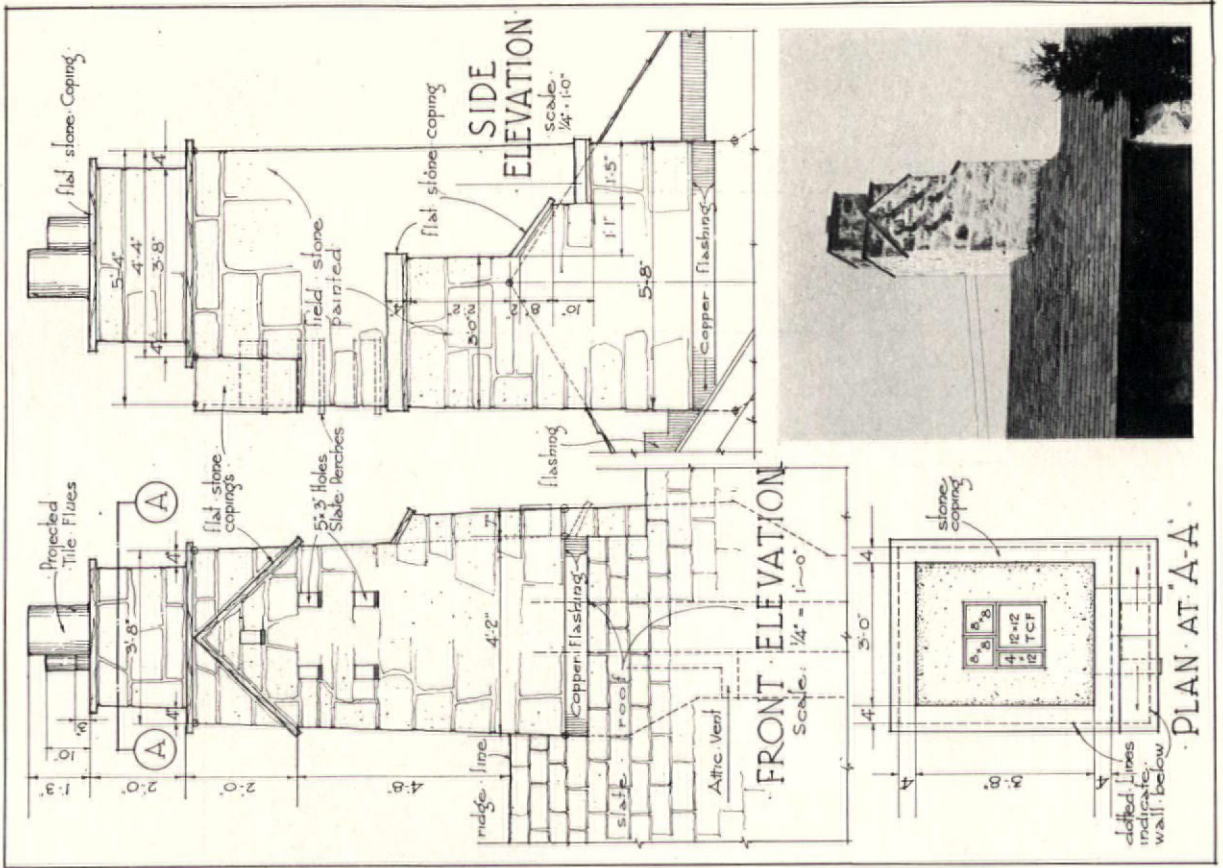


Photo by Tebbis and Kneel

FARM BUILDING FOR WALTER DOUGLAS, ESQ., DOBBS FERRY, NEW YORK

Hopkins and Dentz. Architects

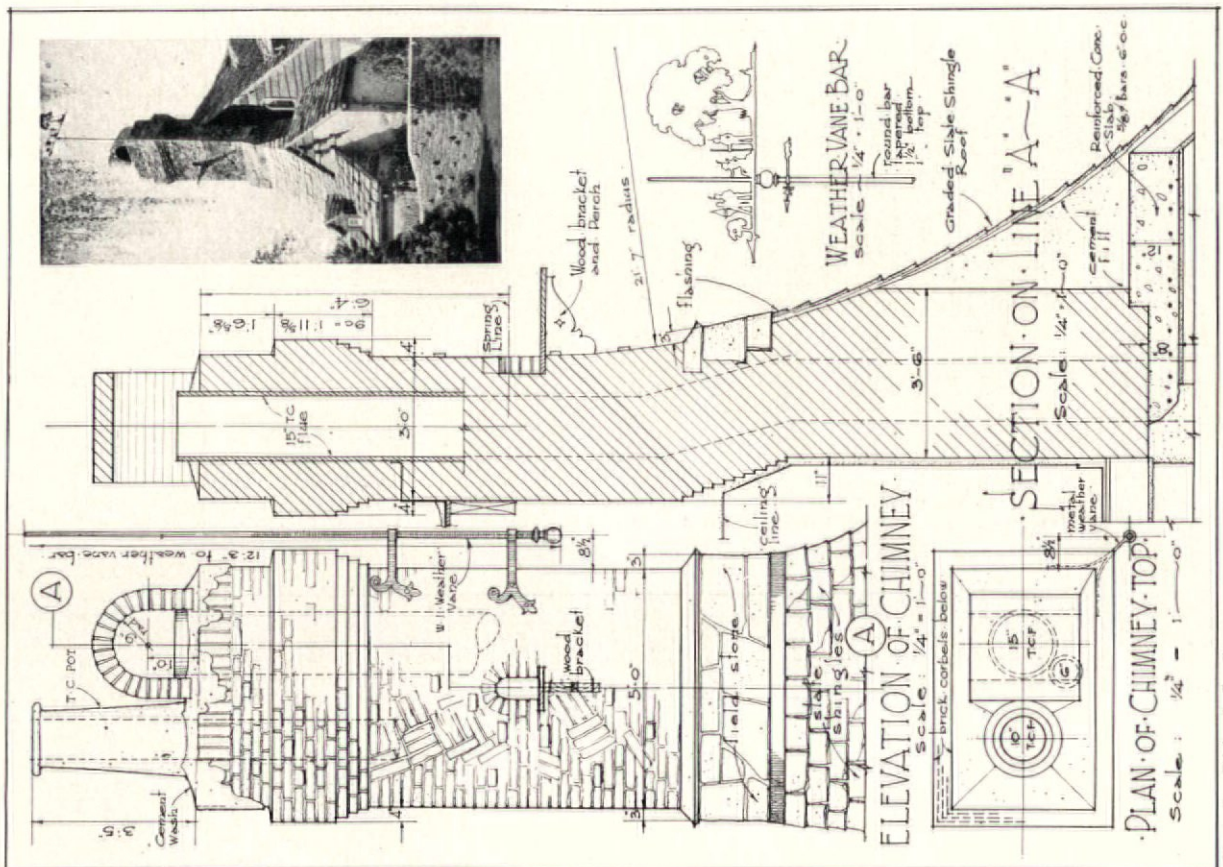


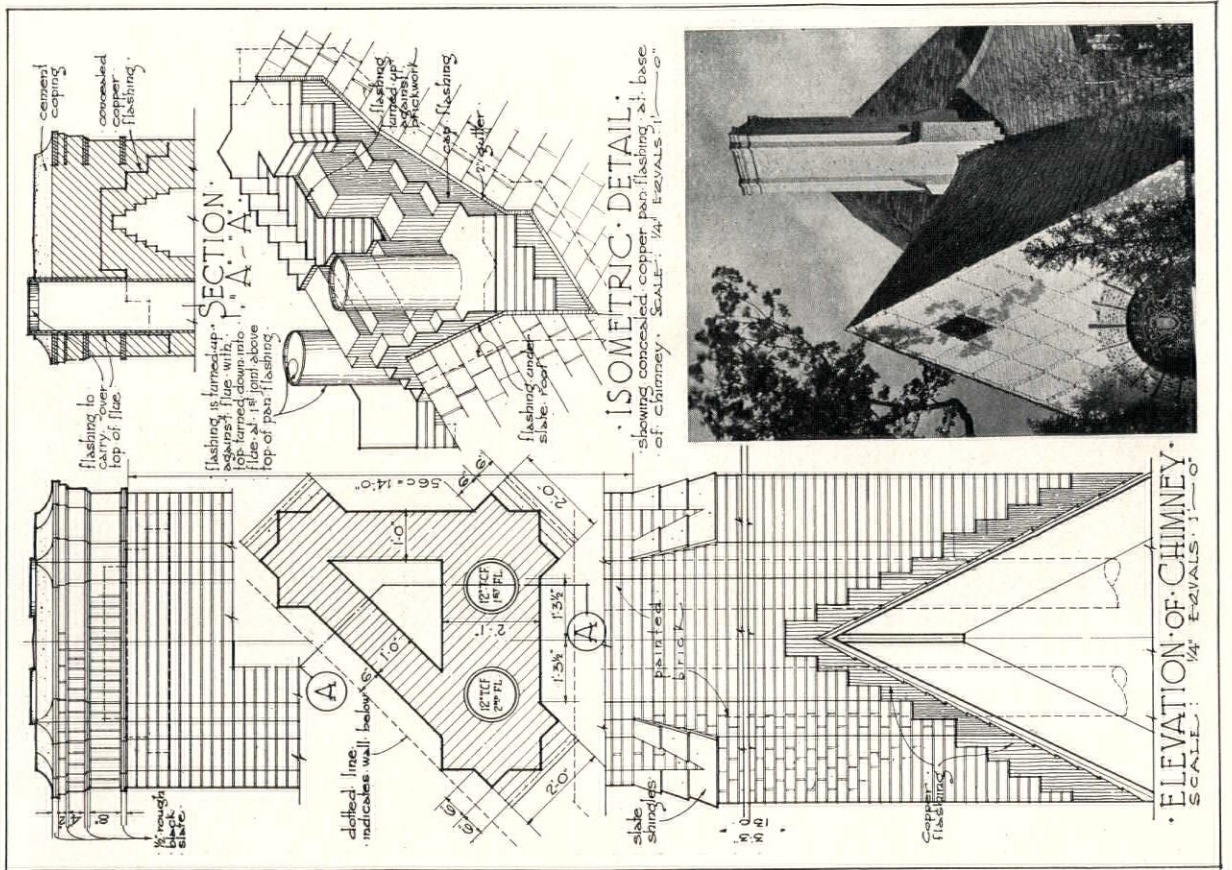
Photo by Richard S. Grant

ROBIN HOOD COTTAGE, OLD SHORT HILLS, NEW JERSEY

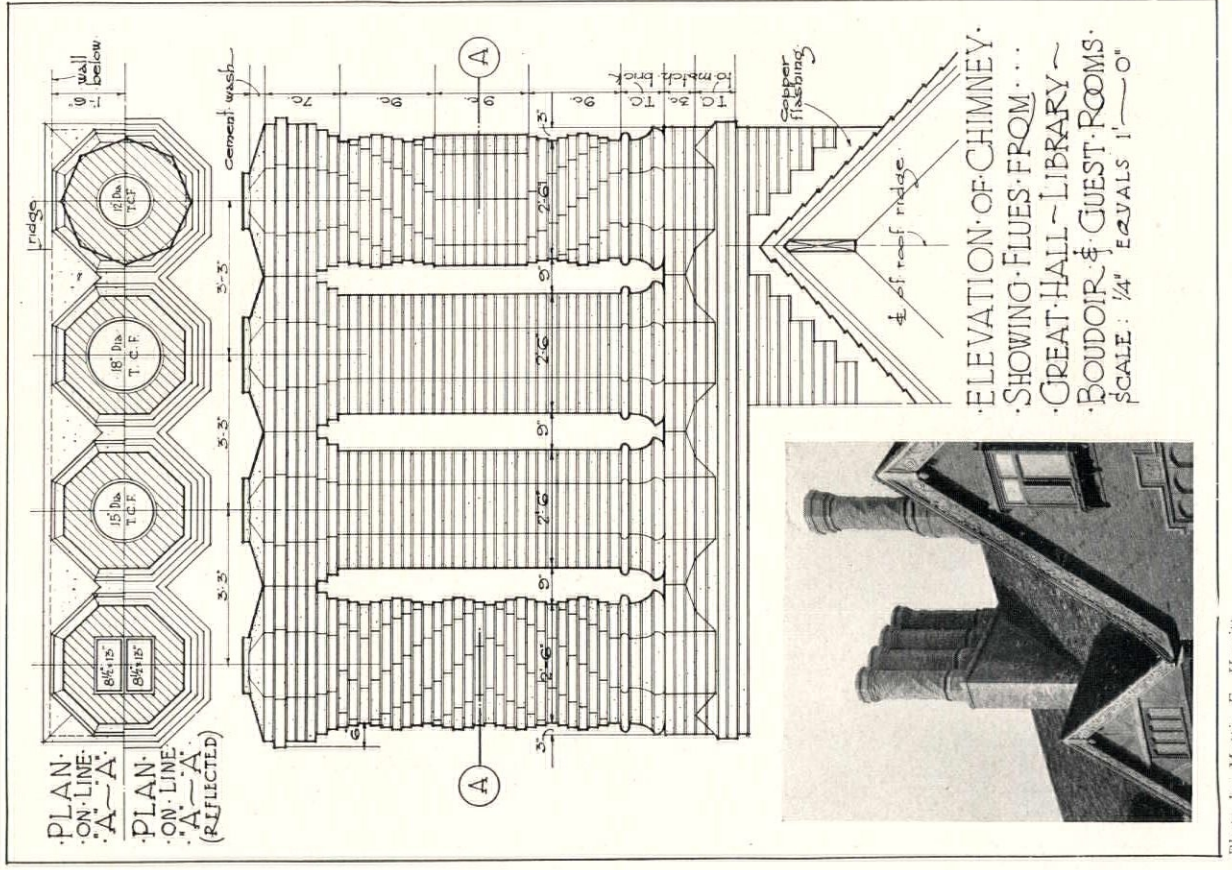
Bernhardt E. Müller. Architect



COMPARATIVE ARCHITECTURAL DETAILS — CHIMNEYS



RESIDENCE OF CLYDE M. CARR, ESQ., LAKE FOREST, ILLINOIS



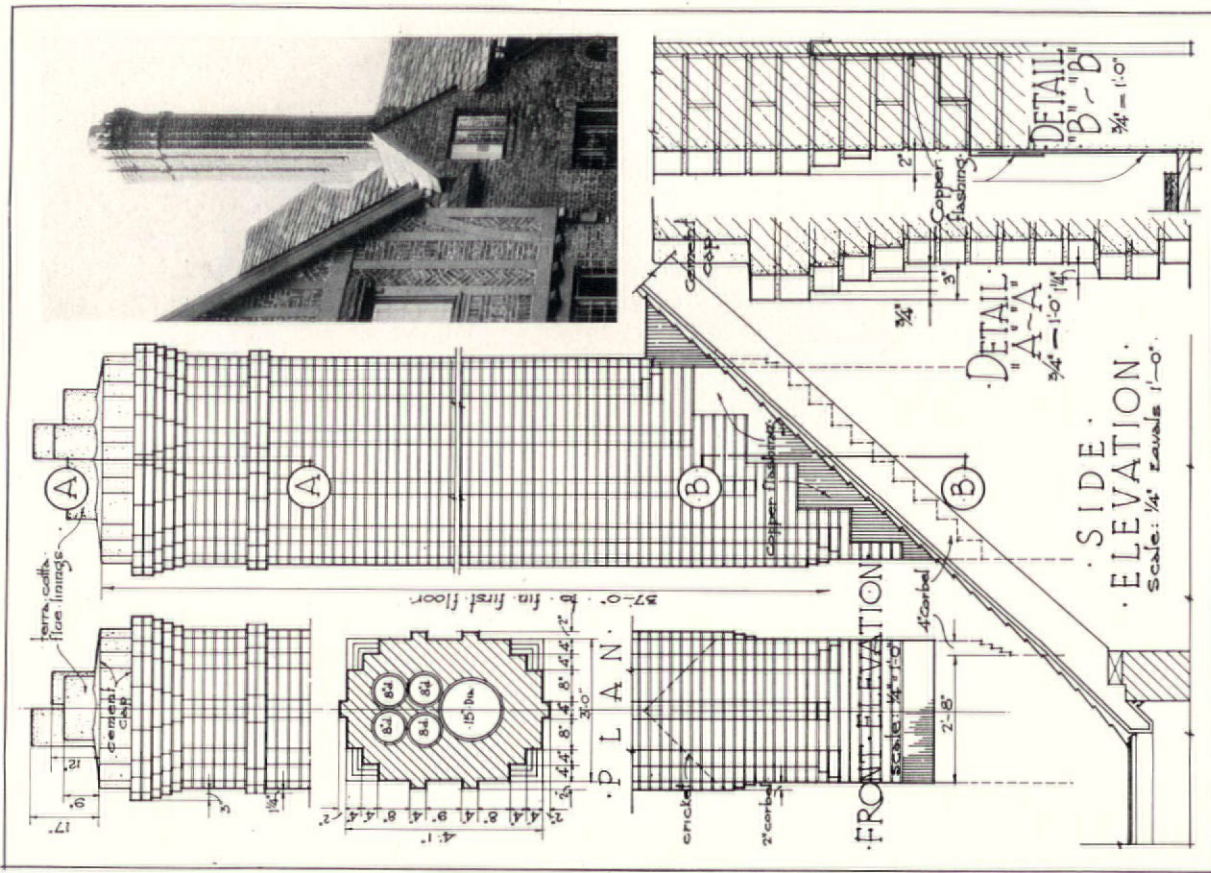


Photo by Glasgow

RESIDENCE OF FRANK H. FILLEY, ESQ., GREENWICH, CONNECTICUT

William F. Dominick, Architect

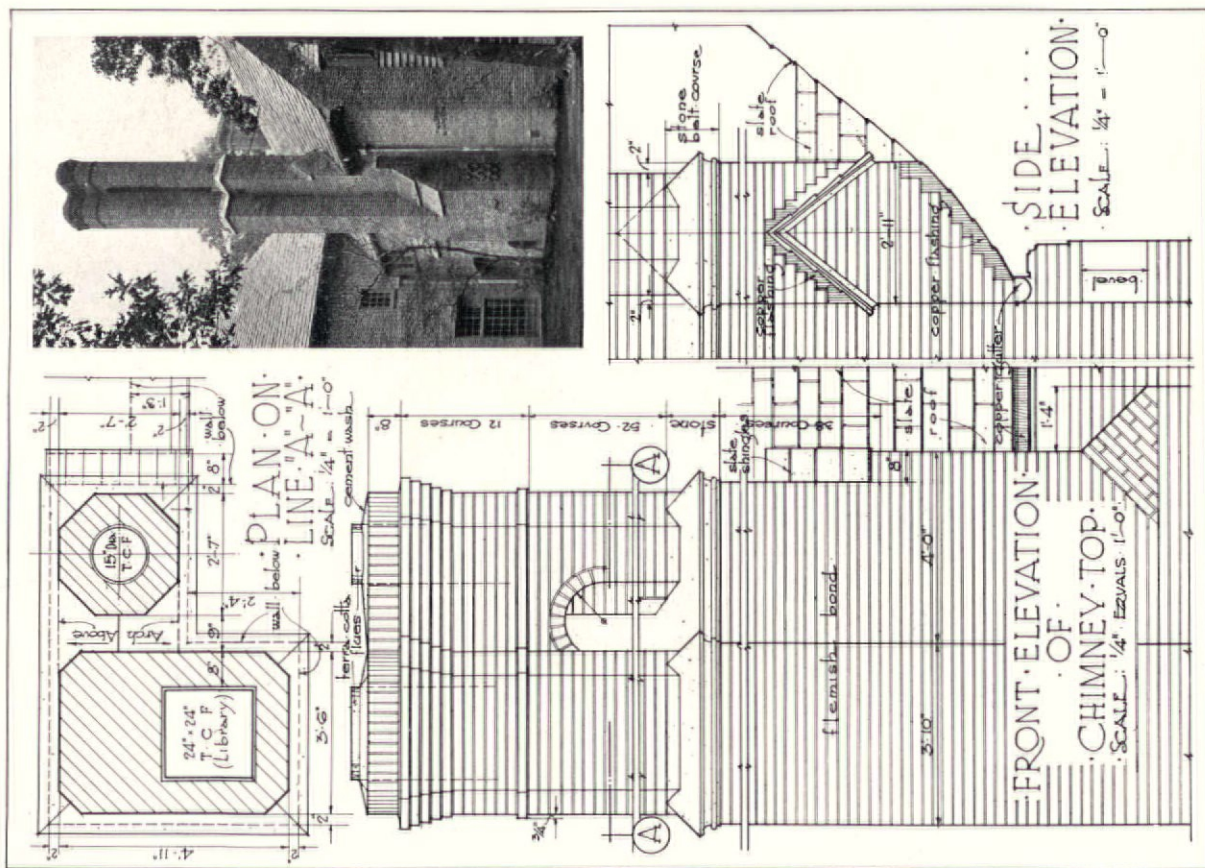


Photo by Kenneth Clark

RESIDENCE OF WILTON LLOYD SMITH, LLOYD NECK, LONG ISLAND, N. Y.

Bertram Grosvenor Goodhue and B. G. Goodhue Associates, Architects

COMPARATIVE ARCHITECTURAL DETAILS—SECOND STORY OVERHANGS

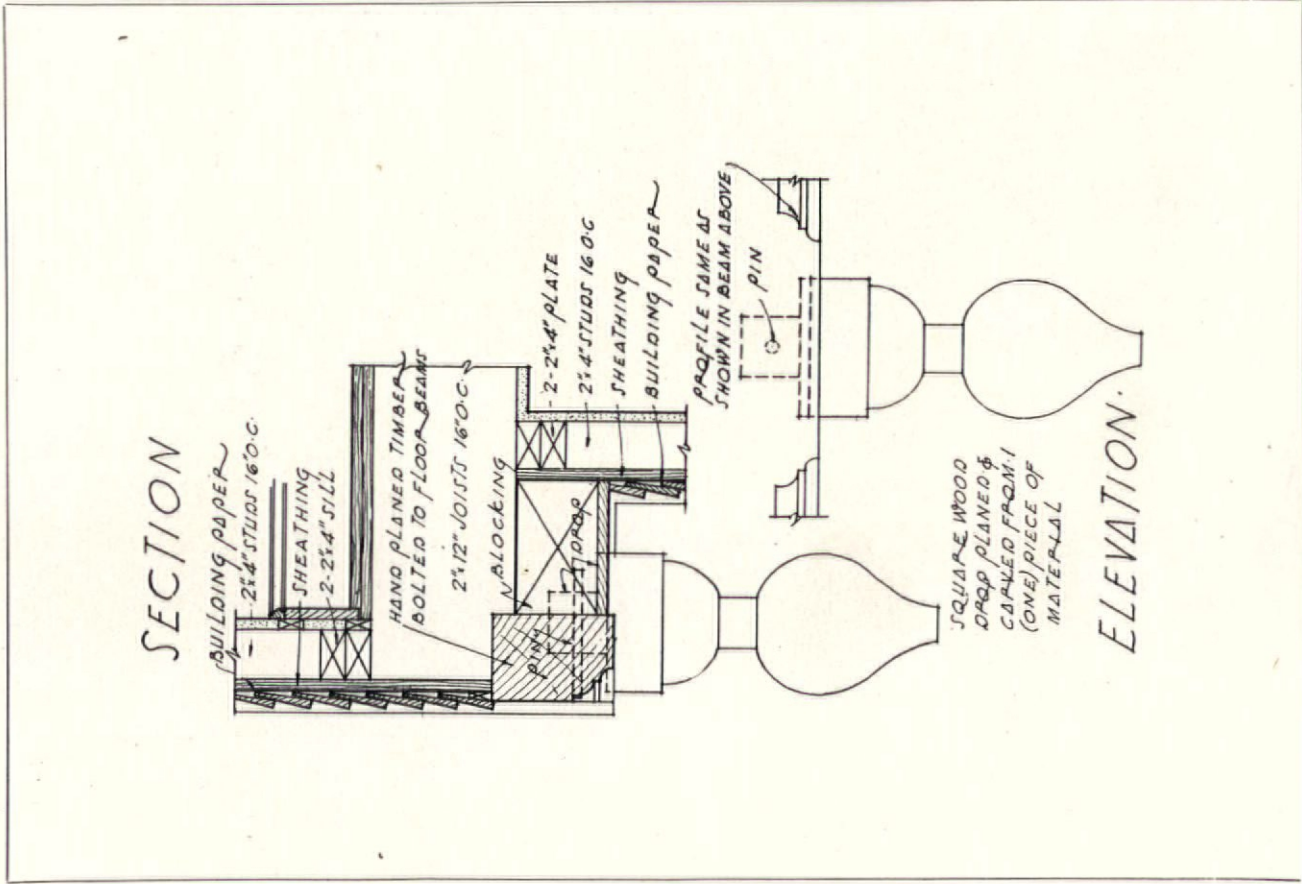
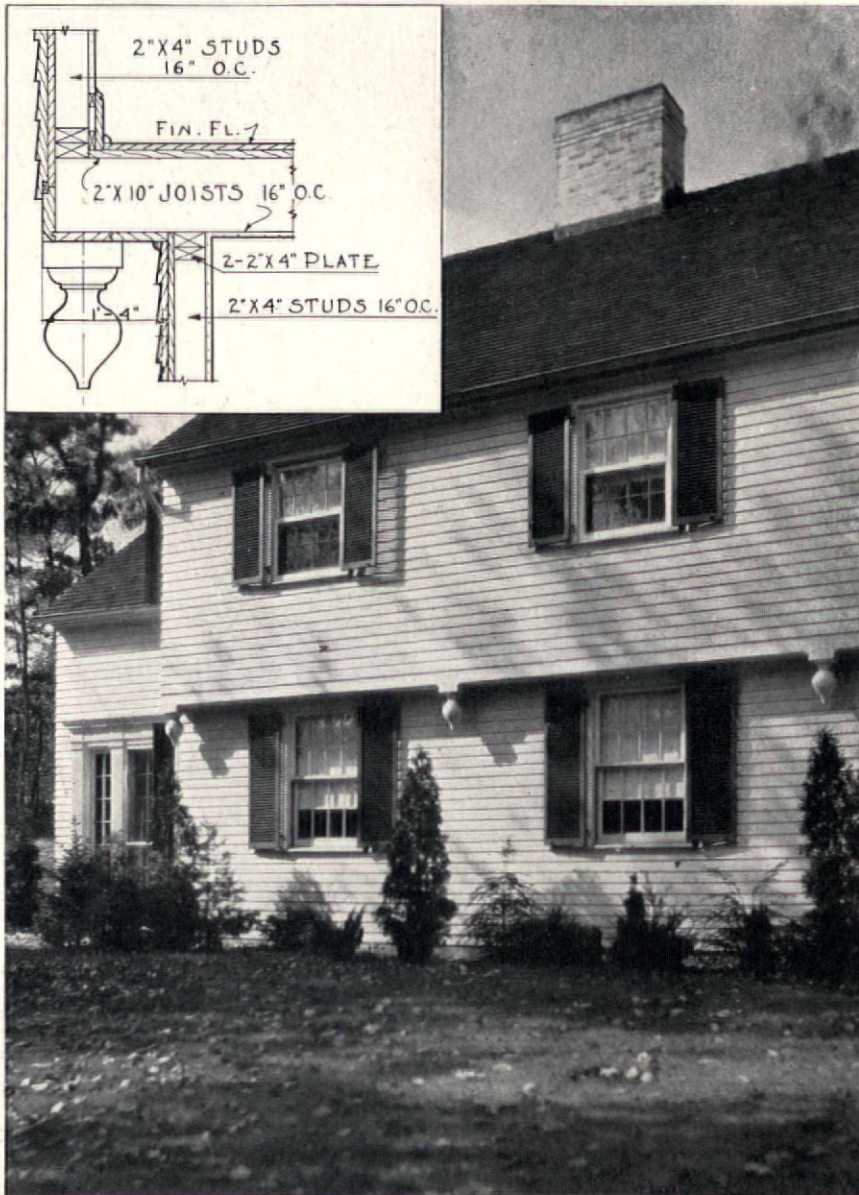


Photo by Van Andia

RESIDENCE FOR MARTIN RICHMOND, ESQ., GLEN HEAD, LONG ISLAND, N. Y.  
Rosser H. Bullard, Architect

# SECOND STORY OVERHANGS



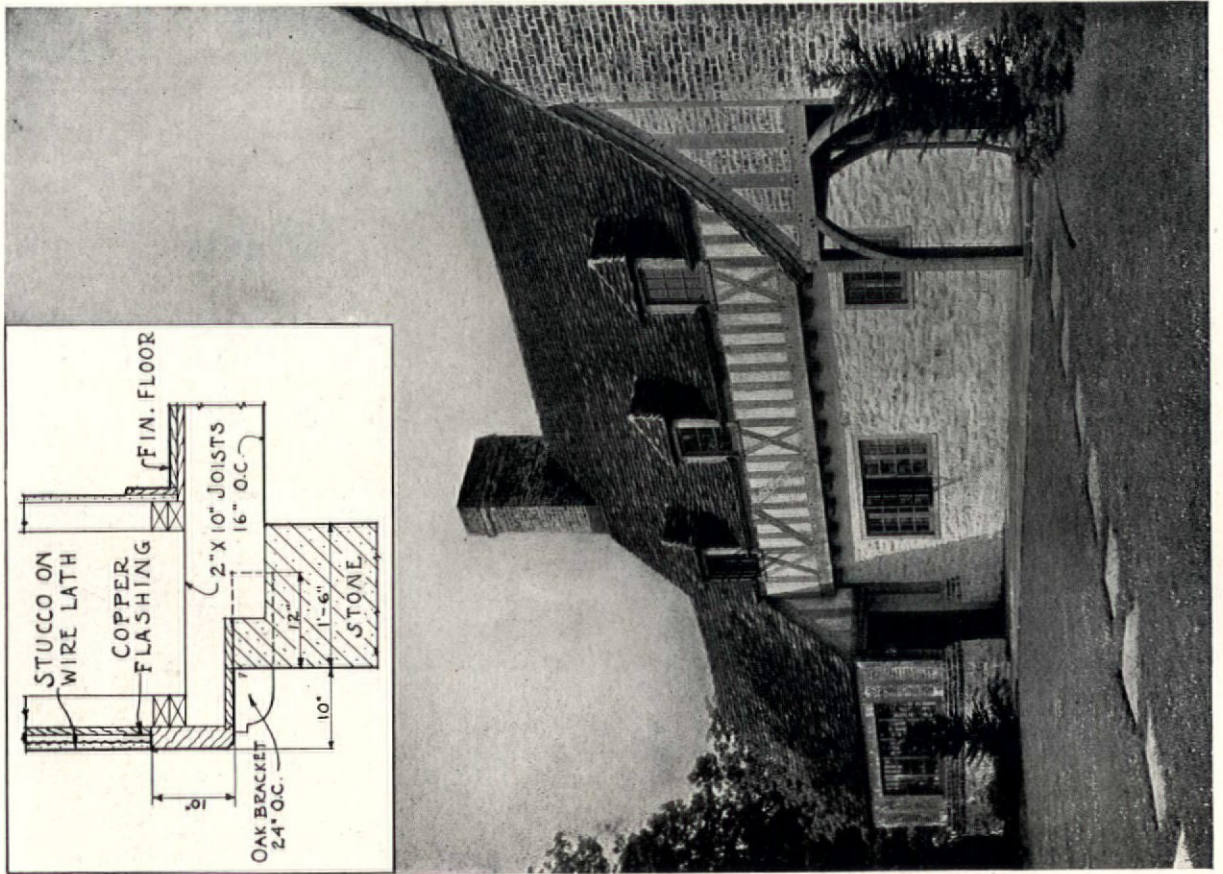
*Photo by Paul Weber*

RESIDENCE OF WADE WRIGHT, ESQ., RIVERDALE-ON-HUDSON, NEW YORK

*Dwight James Baum, Architect*



COMPARATIVE ARCHITECTURAL DETAILS—SECOND STORY OVERHANGS



RESIDENCE OF THEODORE BODENWEIN, ESQ., NEW LONDON, CONNECTICUT

*Frank J. Forster, Architect*

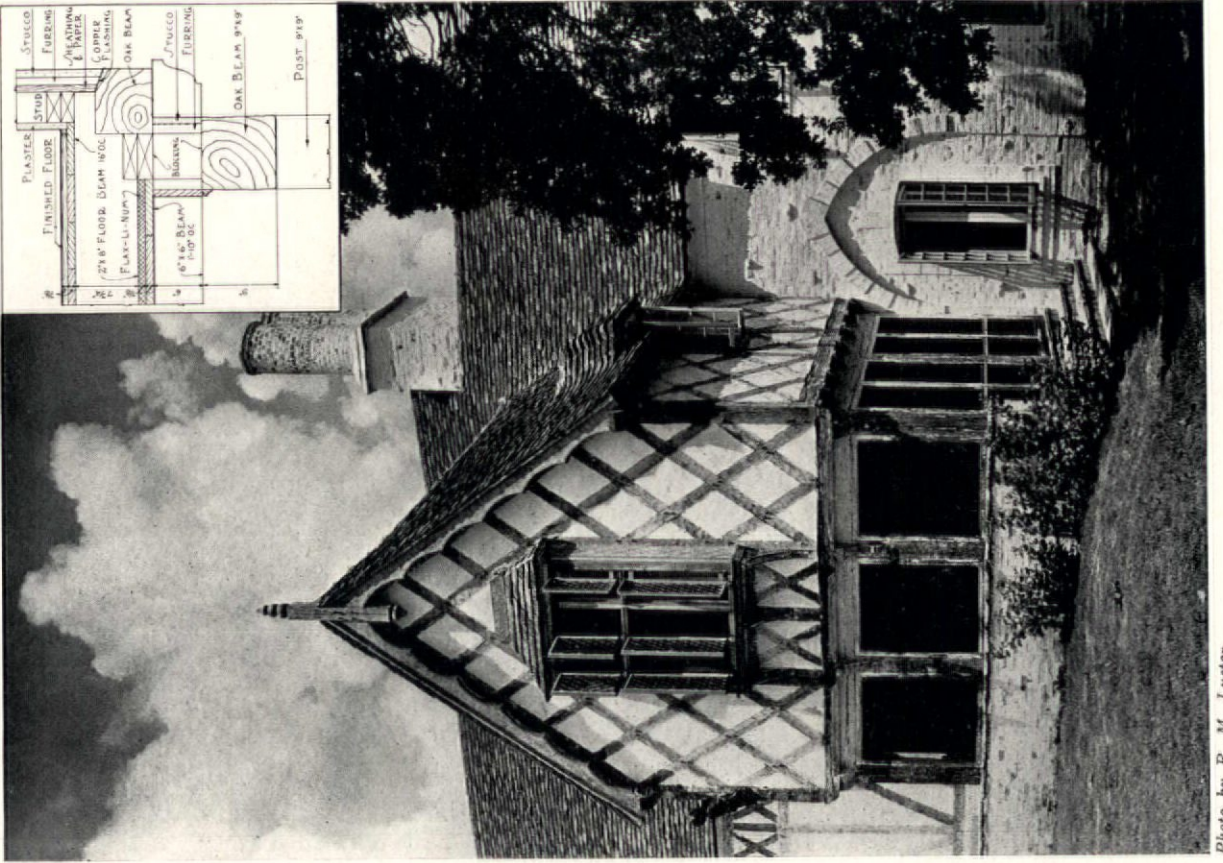


Photo by R. M. Luster

RESIDENCE OF HEYWOOD NELMS, ESQ., HOUSTON, TEXAS

*Frank I. Forster, Architect*

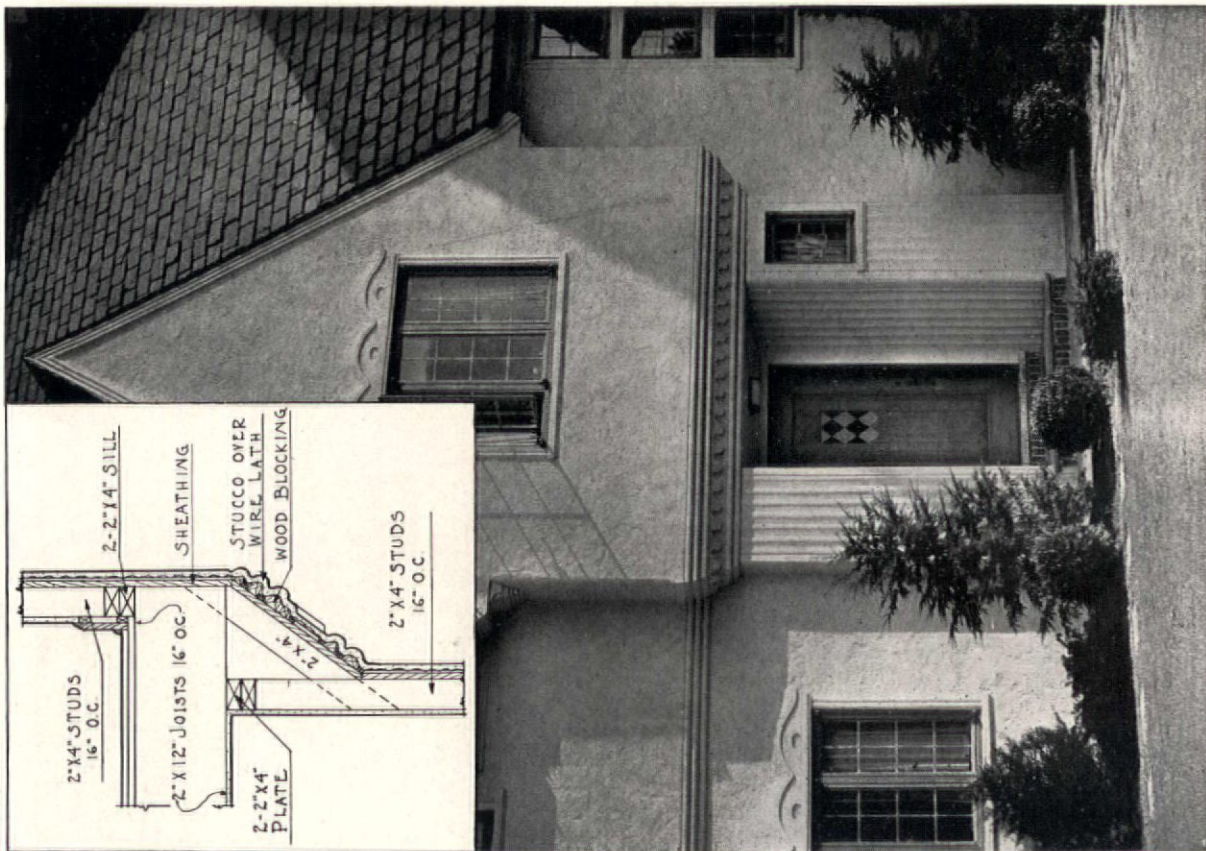


Photo by Gottscho

RESIDENCE OF R. K. STRITZINGER, ESQ., SCARSDALE, NEW YORK

Julius Gregory, Architect

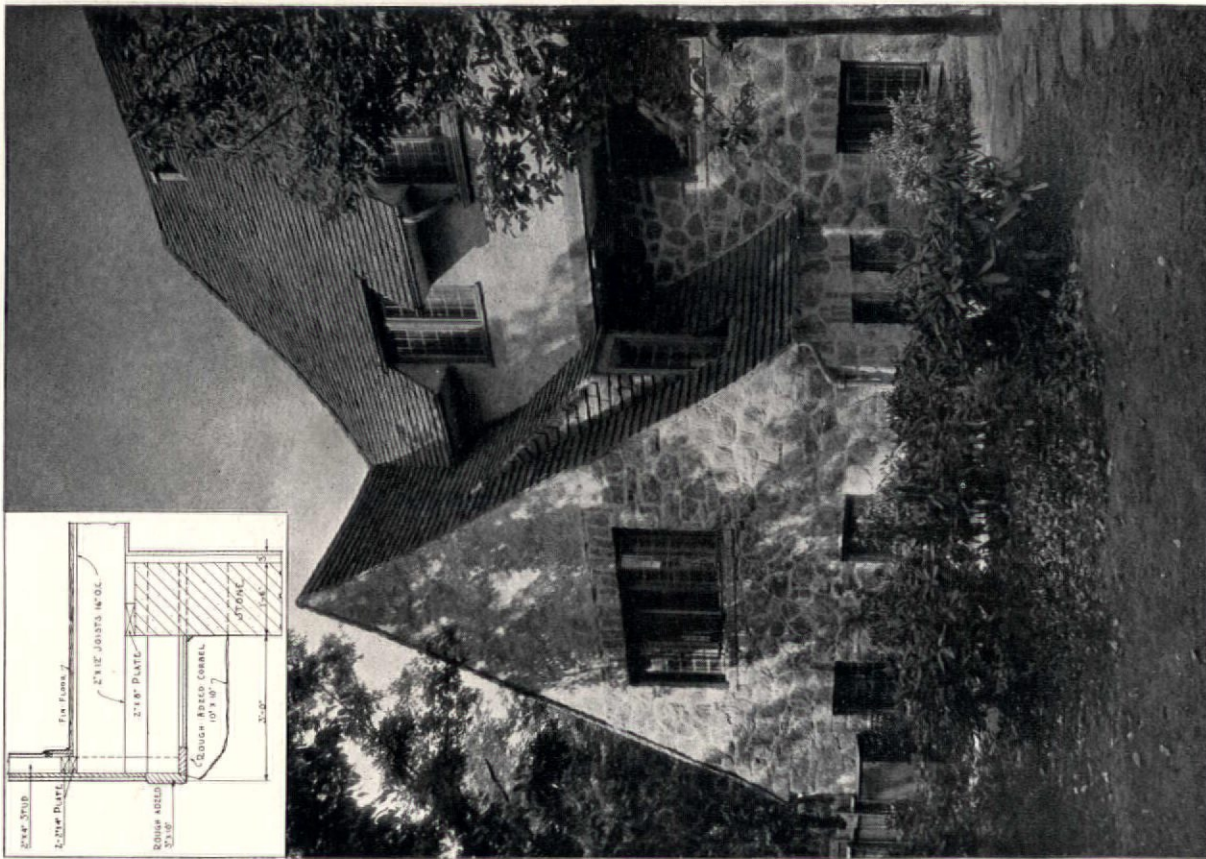
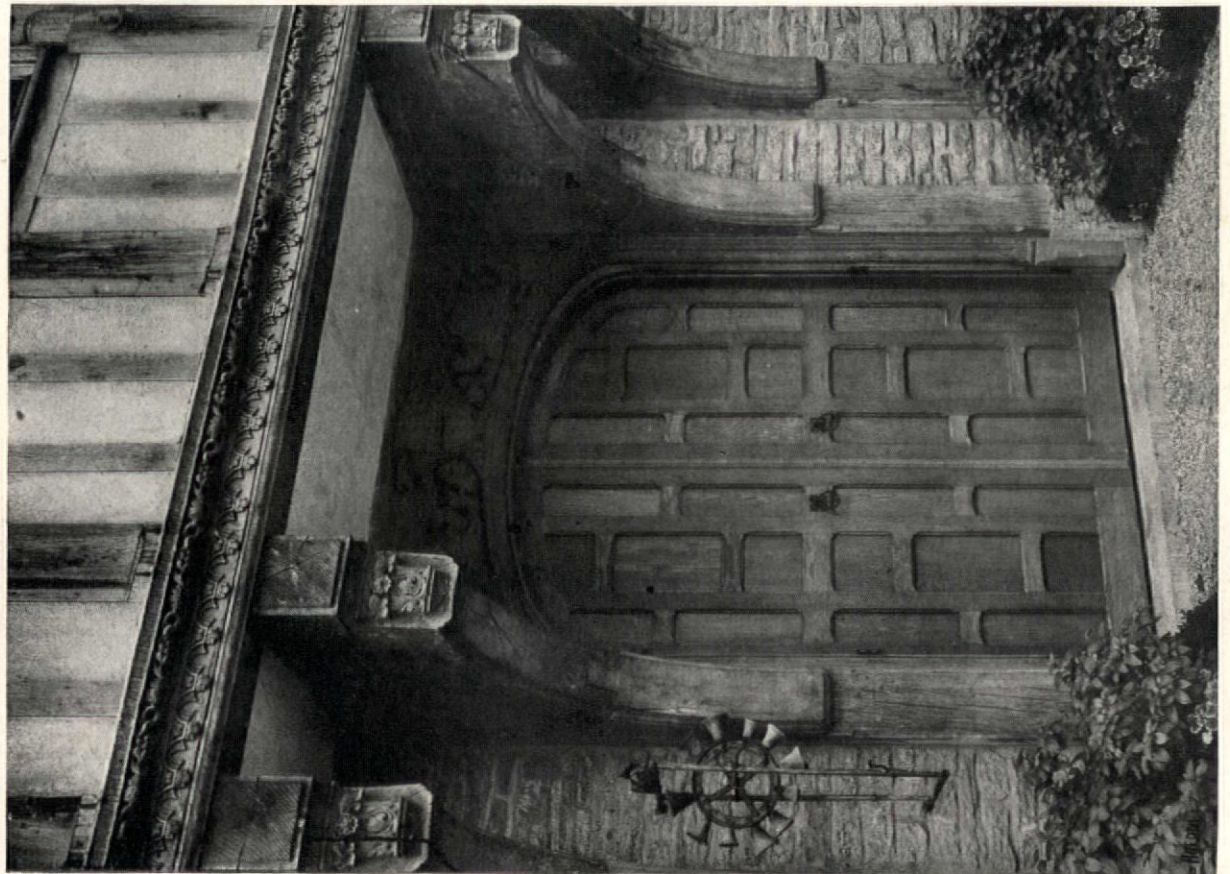


Photo by Gottscho

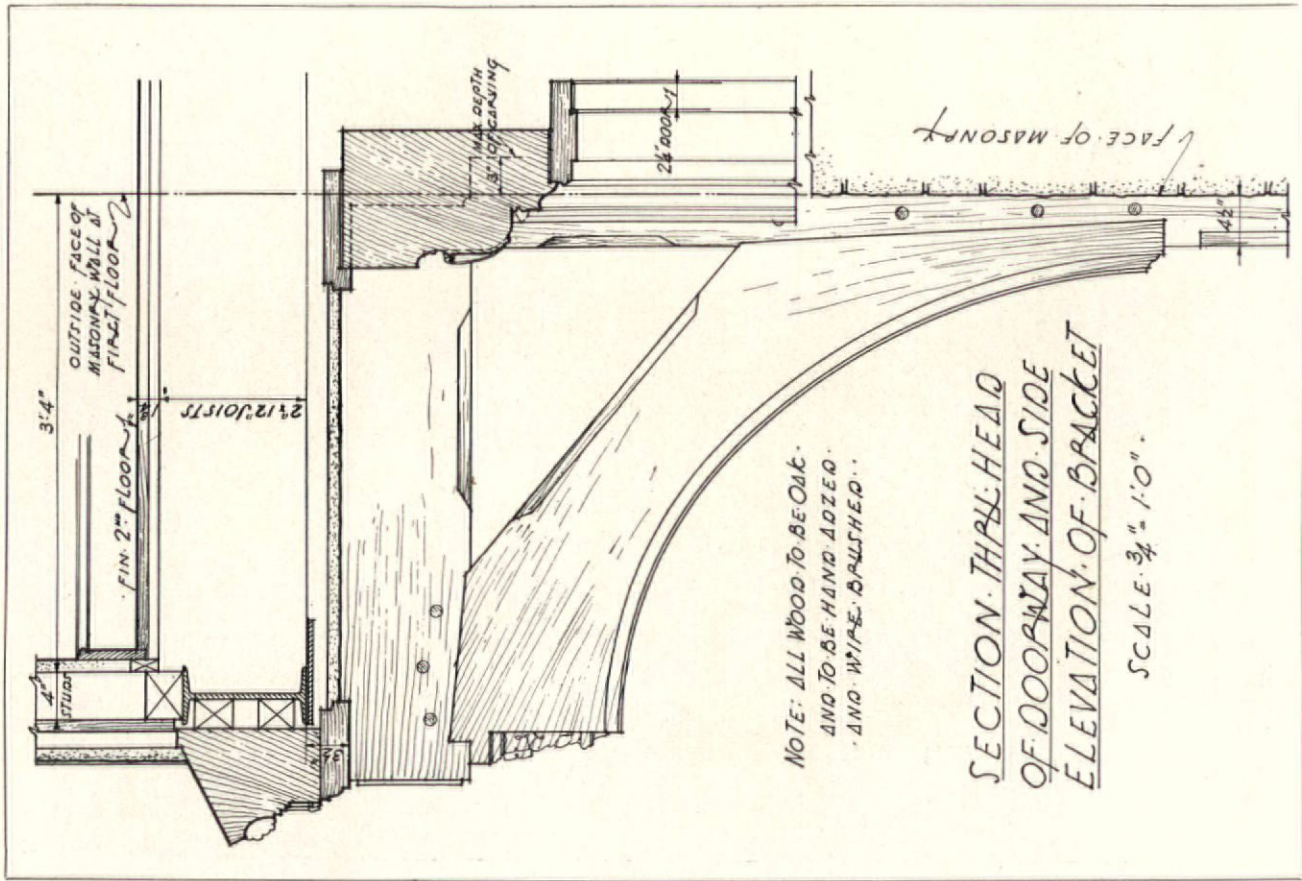
COUNTRY LIFE HOUSE, GREENWICH, CONNECTICUT

Julius Gregory, Architect

COMPARATIVE ARCHITECTURAL DETAILS—SECOND STORY OVERHANGS



RESIDENCE FOR MRS. MARY G. BEAM, GREENWICH, CONNECTICUT  
James W. O'Connor, Architect



# INTERIOR WOODWORK

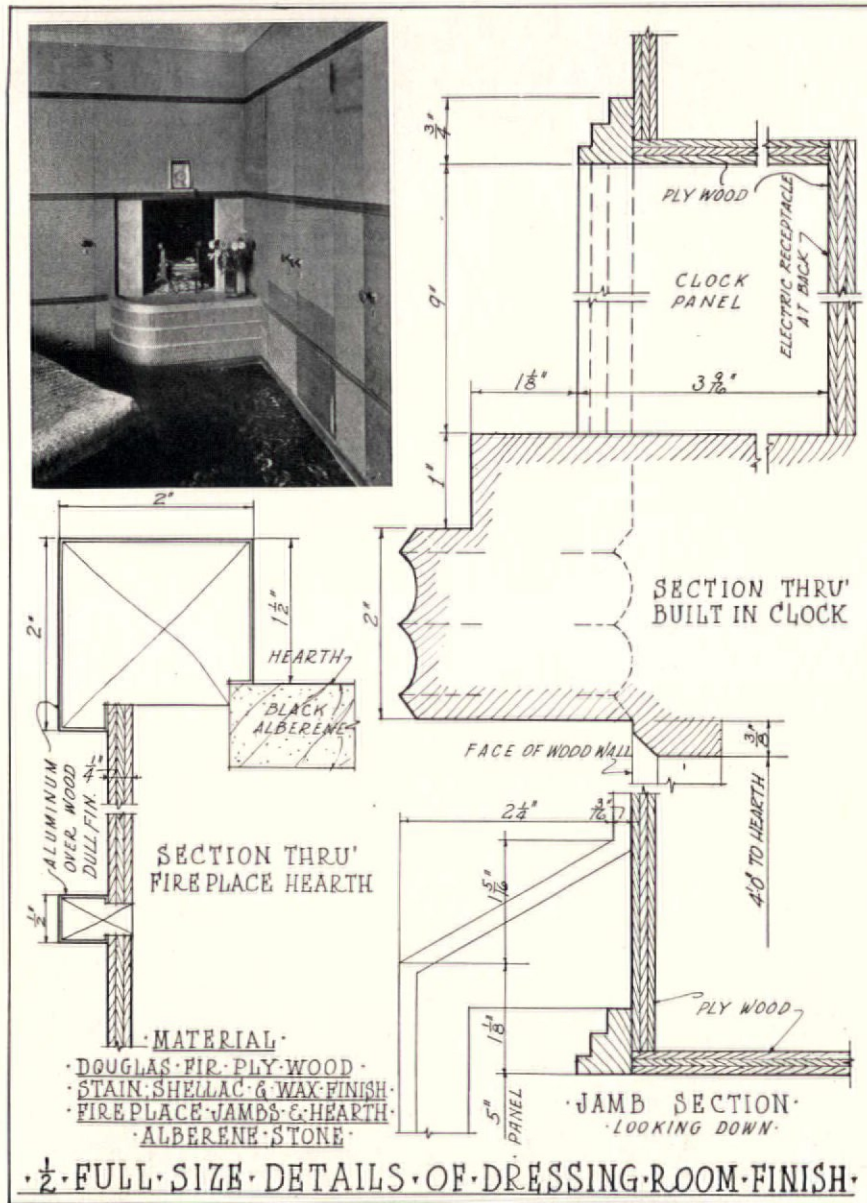


Photo by Gottscho

RESIDENCE OF H. W. HUBER, ESQ., RED BANK, NEW JERSEY

Howard and Frenaye, Architects



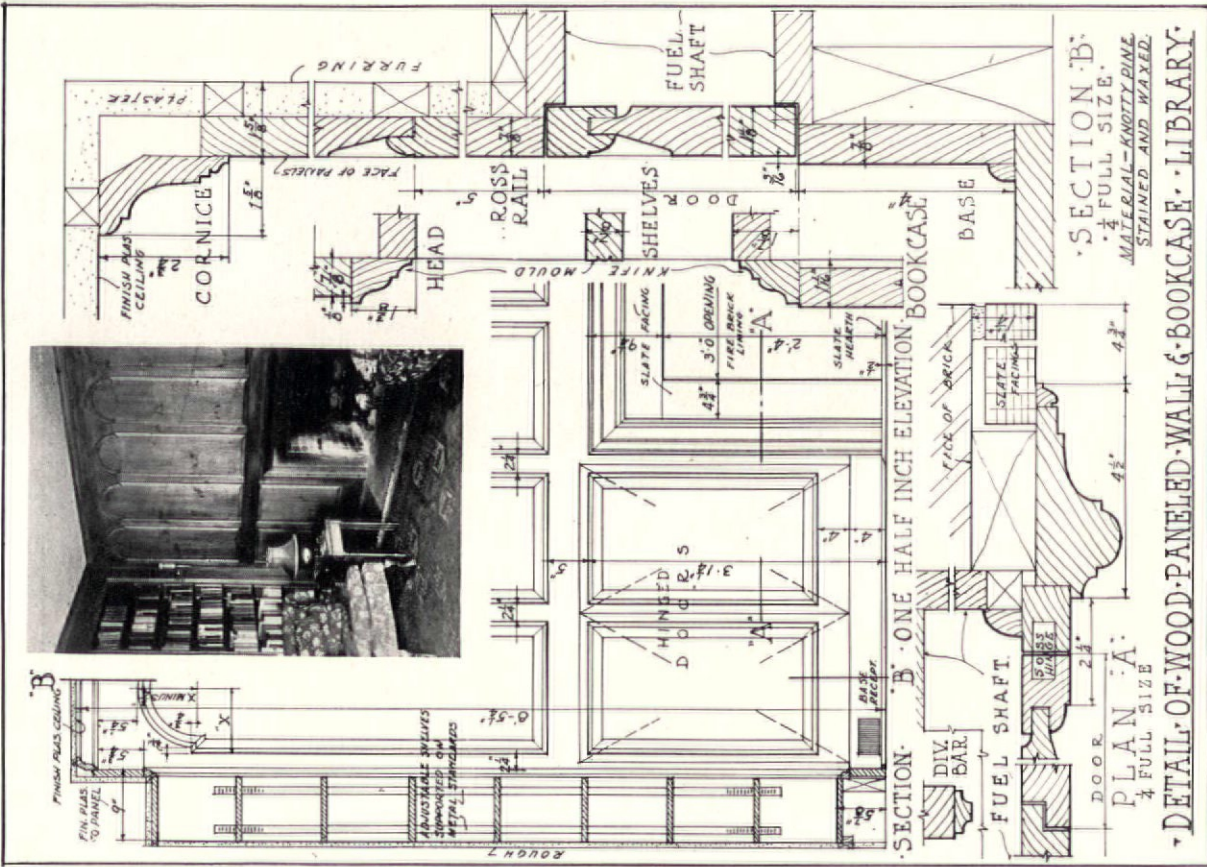


Photo by Van Anda

RESIDENCE OF KARL MOSER, ESQ., STAMFORD, CONNECTICUT  
Merrill, Humble and Taylor, Architects

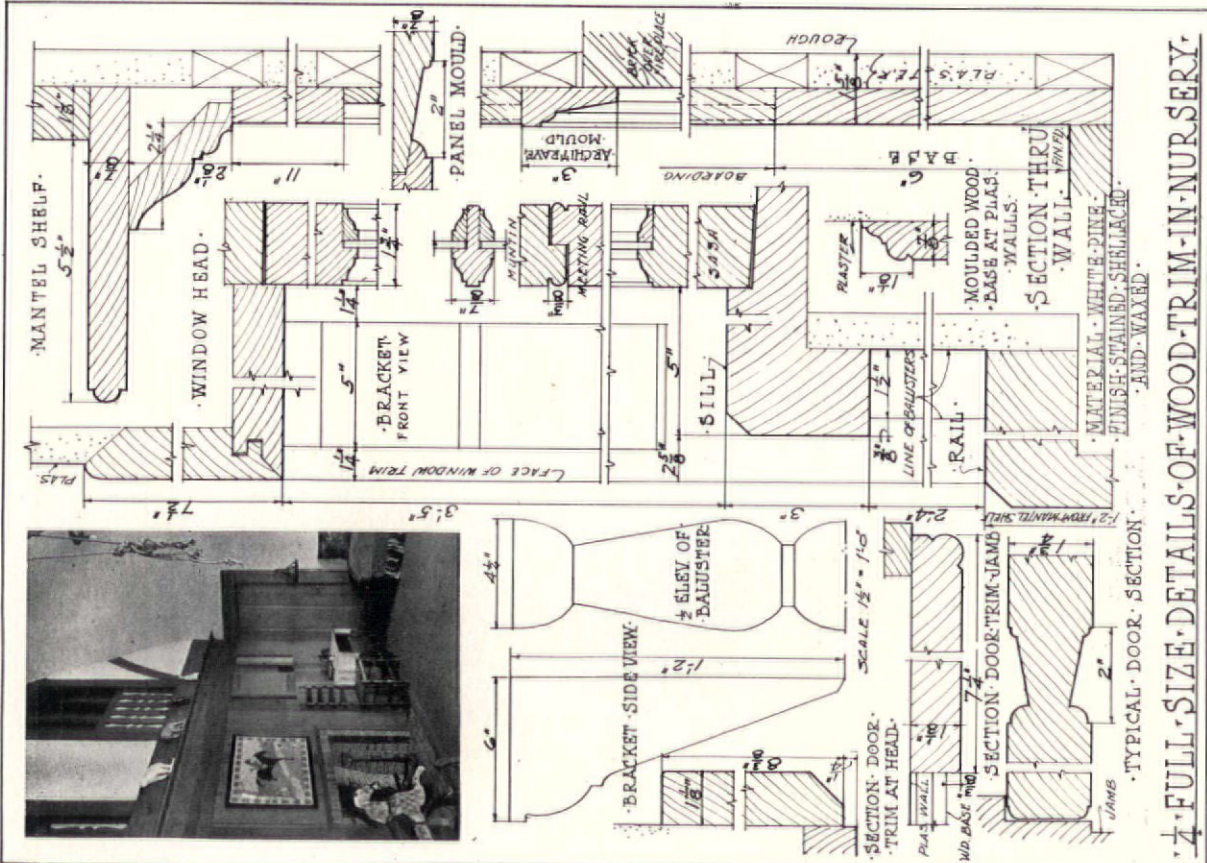


Photo by Van Anda

RESIDENCE OF HENRY A. RUDKIN, ESQ., FAIRFIELD, CONNECTICUT  
Walter Bradnee Kirby, Architect

COMPARATIVE ARCHITECTURAL DETAILS—INTERIOR WOODWORK

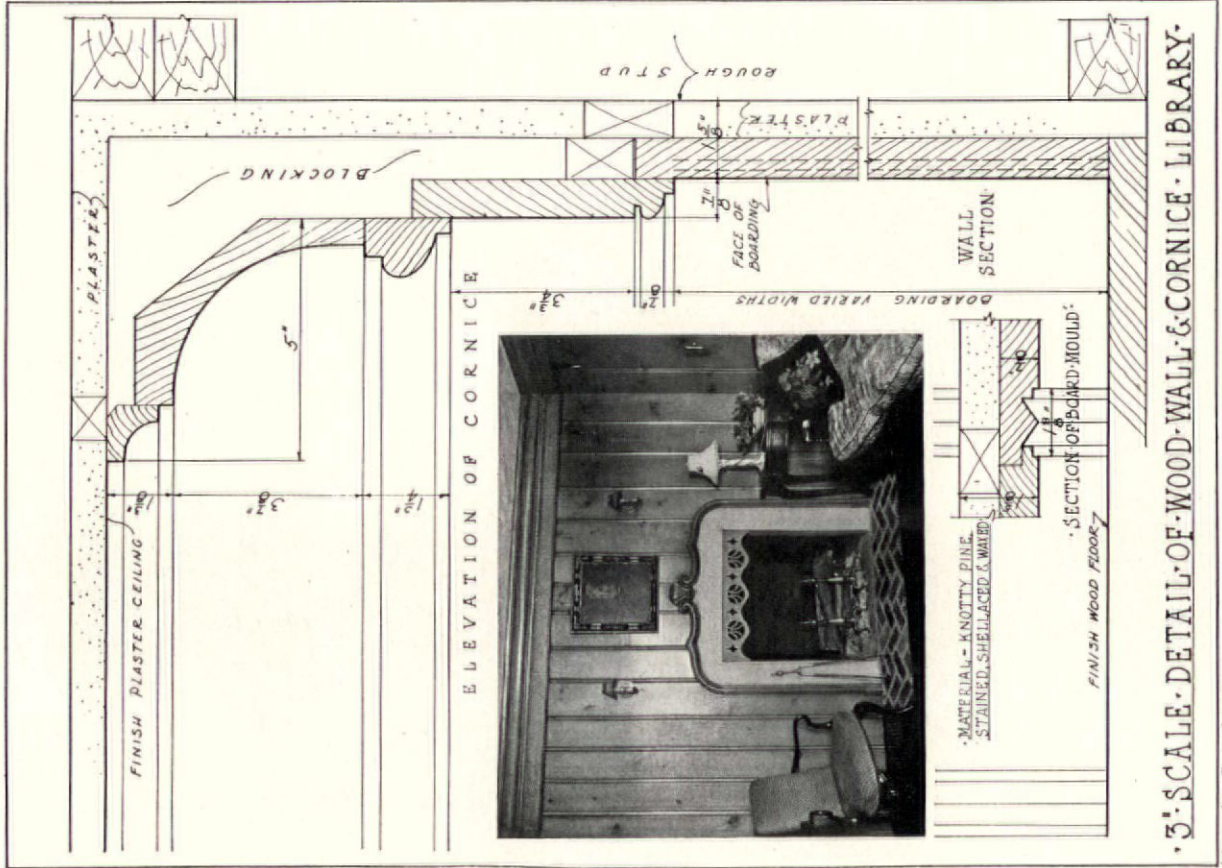


Photo by Göttsche

RESIDENCE OF H. W. HUBER, ESQ., RED BANK, NEW JERSEY  
*Howard and Frenaye, Architects*

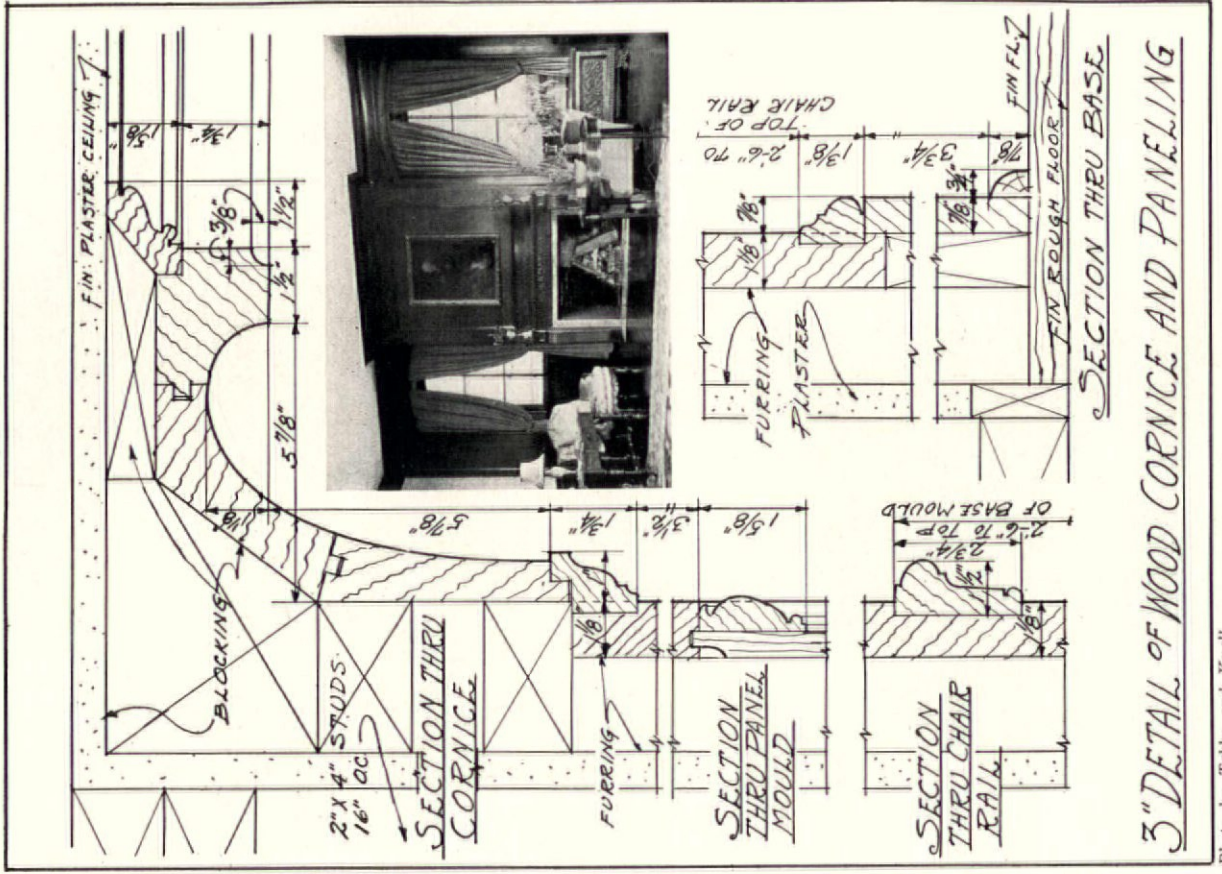


Photo by Tebbs and Knell

RESIDENCE OF F. E. JOHNSON, ESQ., PEAPACK, NEW JERSEY  
*Hyde and Shepherd, Architects*

# FIREPLACES

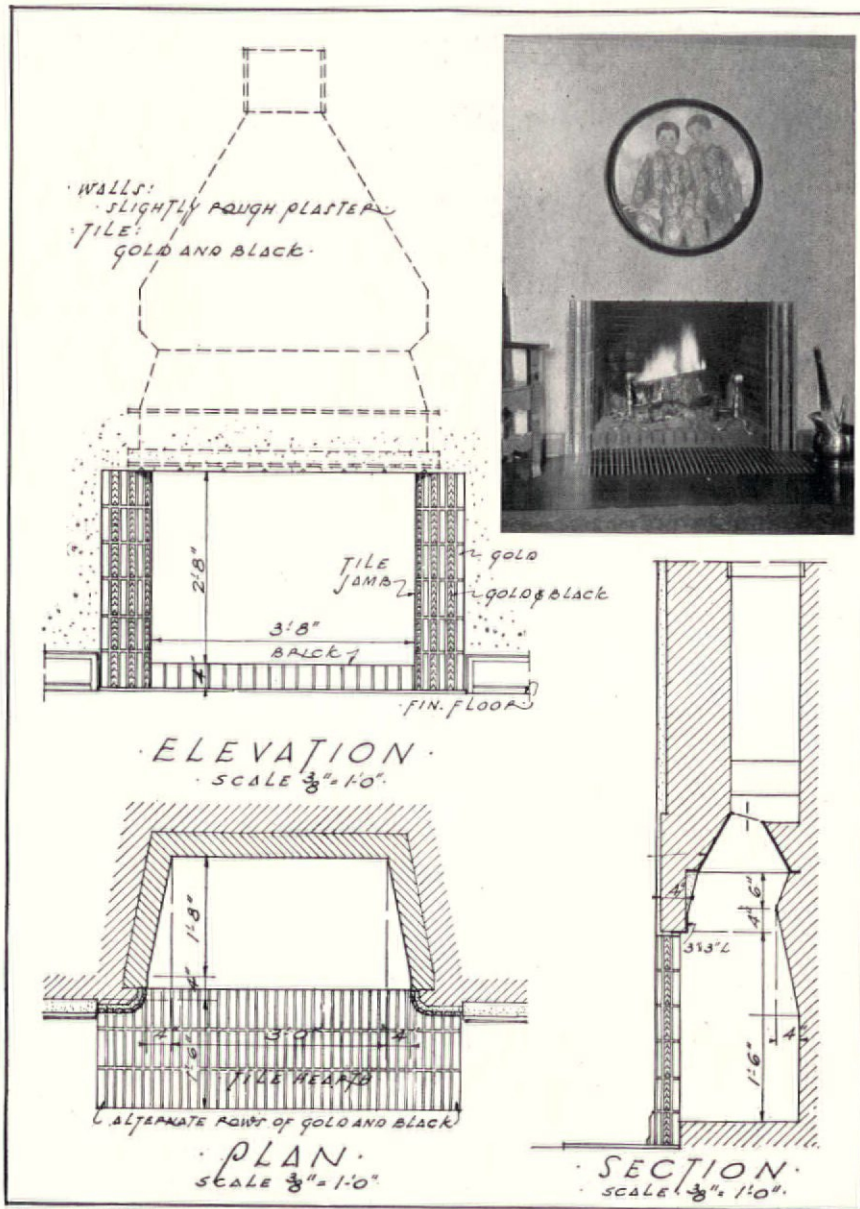


Photo by Gottscho

RESIDENCE OF MRS. JULIUS GREGORY, SCARSDALE, NEW YORK

Julius Gregory, Architect



COMPARATIVE ARCHITECTURAL DETAILS—FIREPLACES

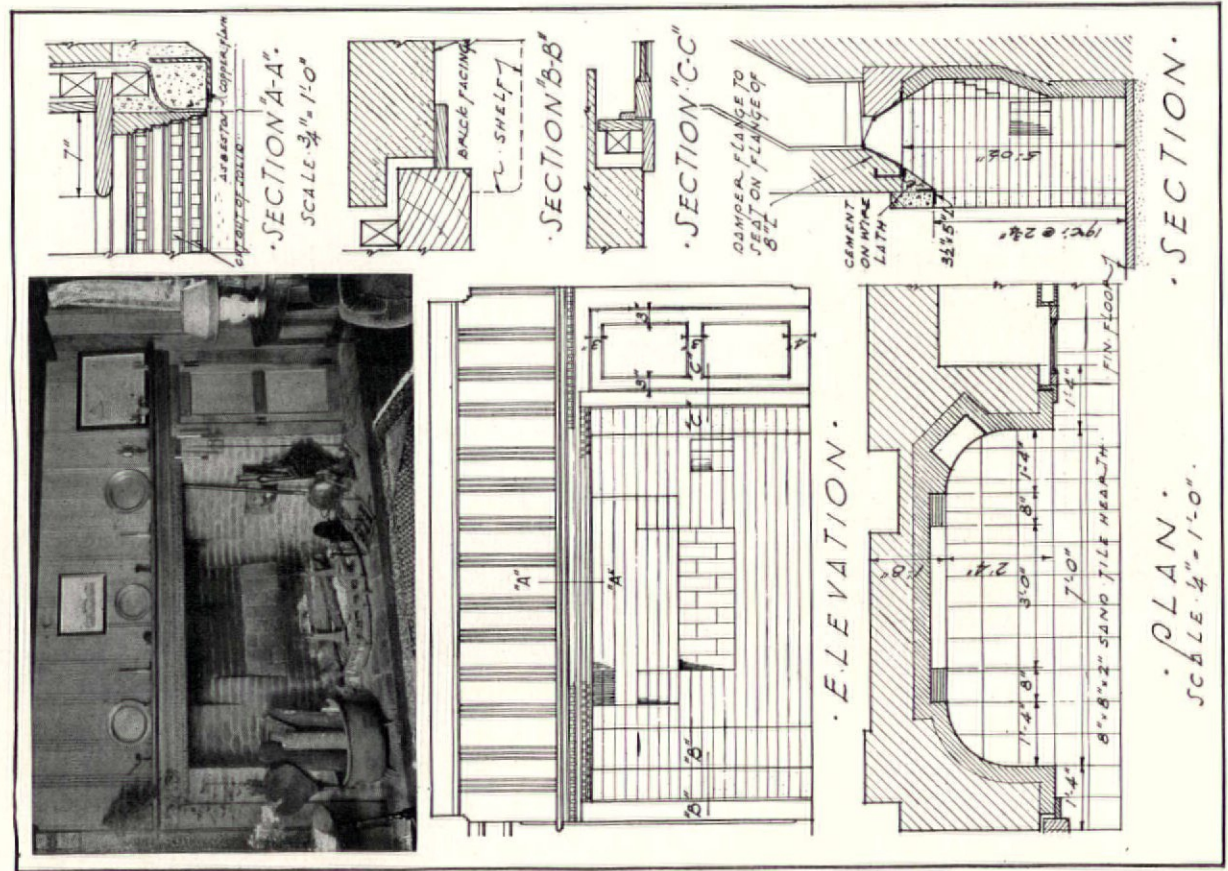


Photo by Van Anda

RESIDENCE OF ROGER H. BULLARD, NORTH HILLS, MANHASSET, LONG ISLAND

Roger H. Bullard, Architect

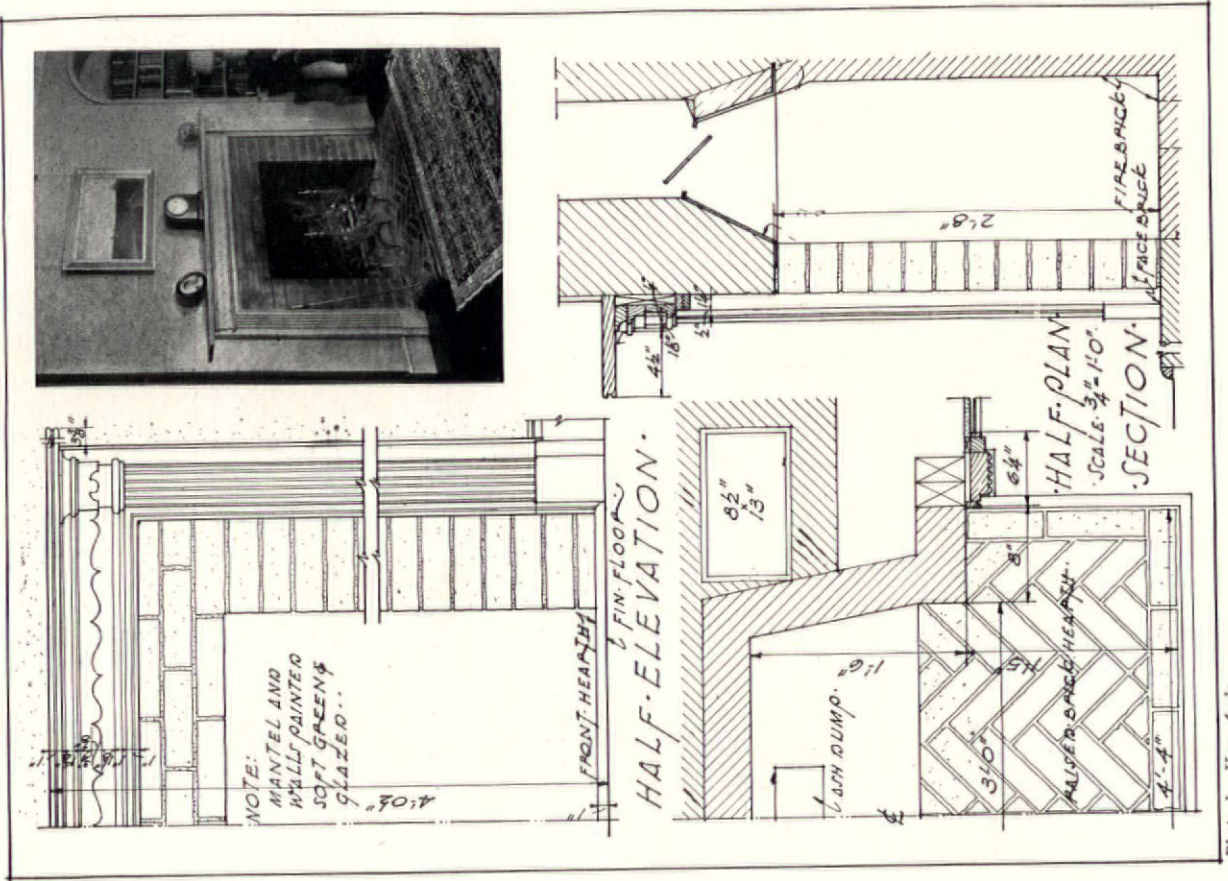
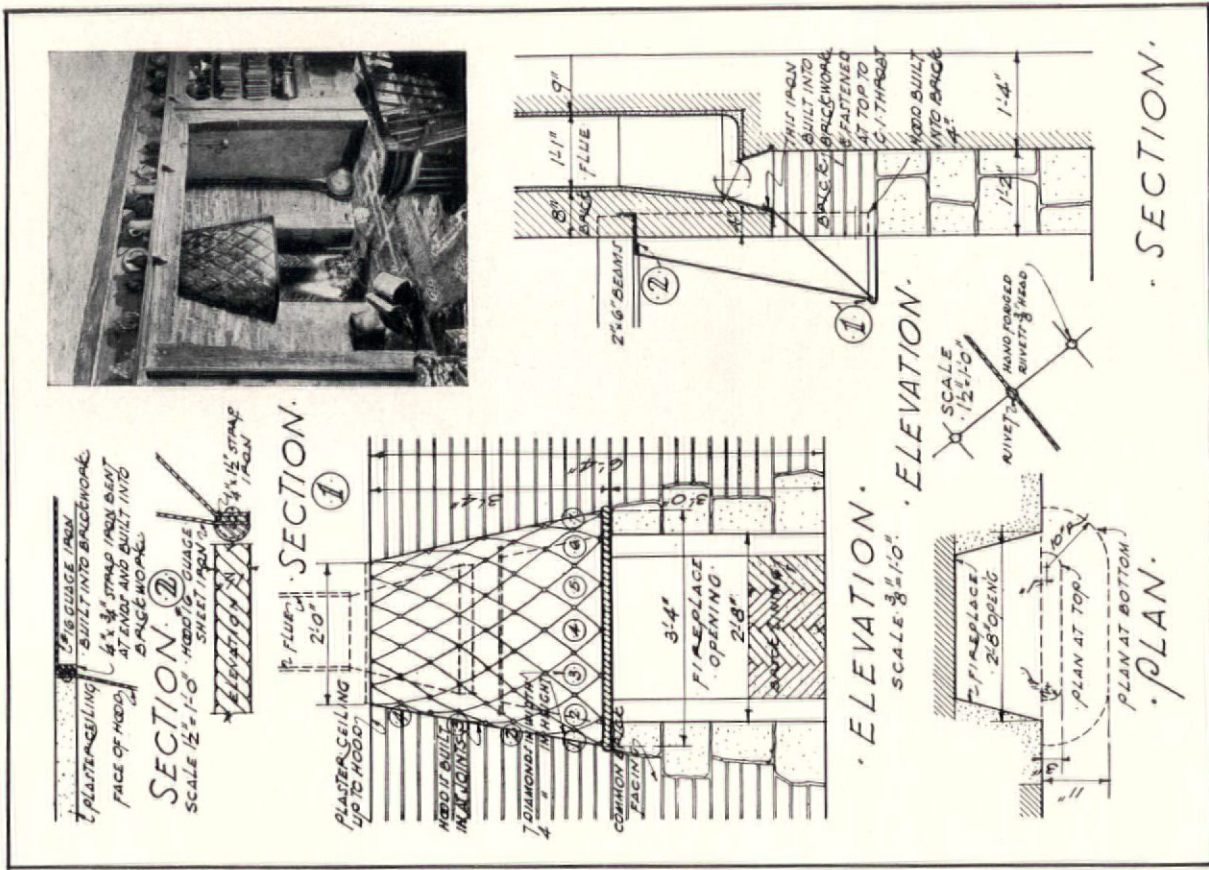


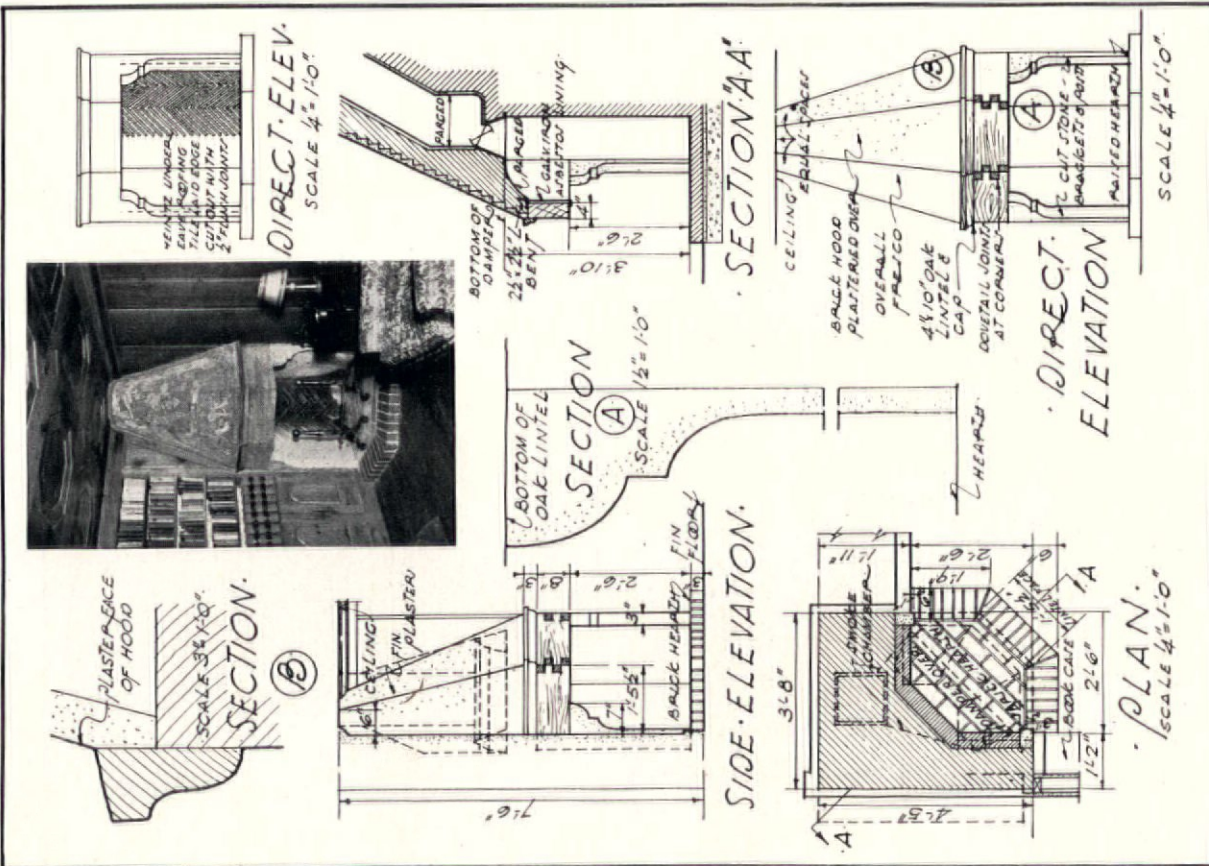
Photo by Van Anda

RESIDENCE OF A. BARTO, ESQ., BRONXVILLE, NEW YORK

Godwin, Thompson, and Patterson, Architects

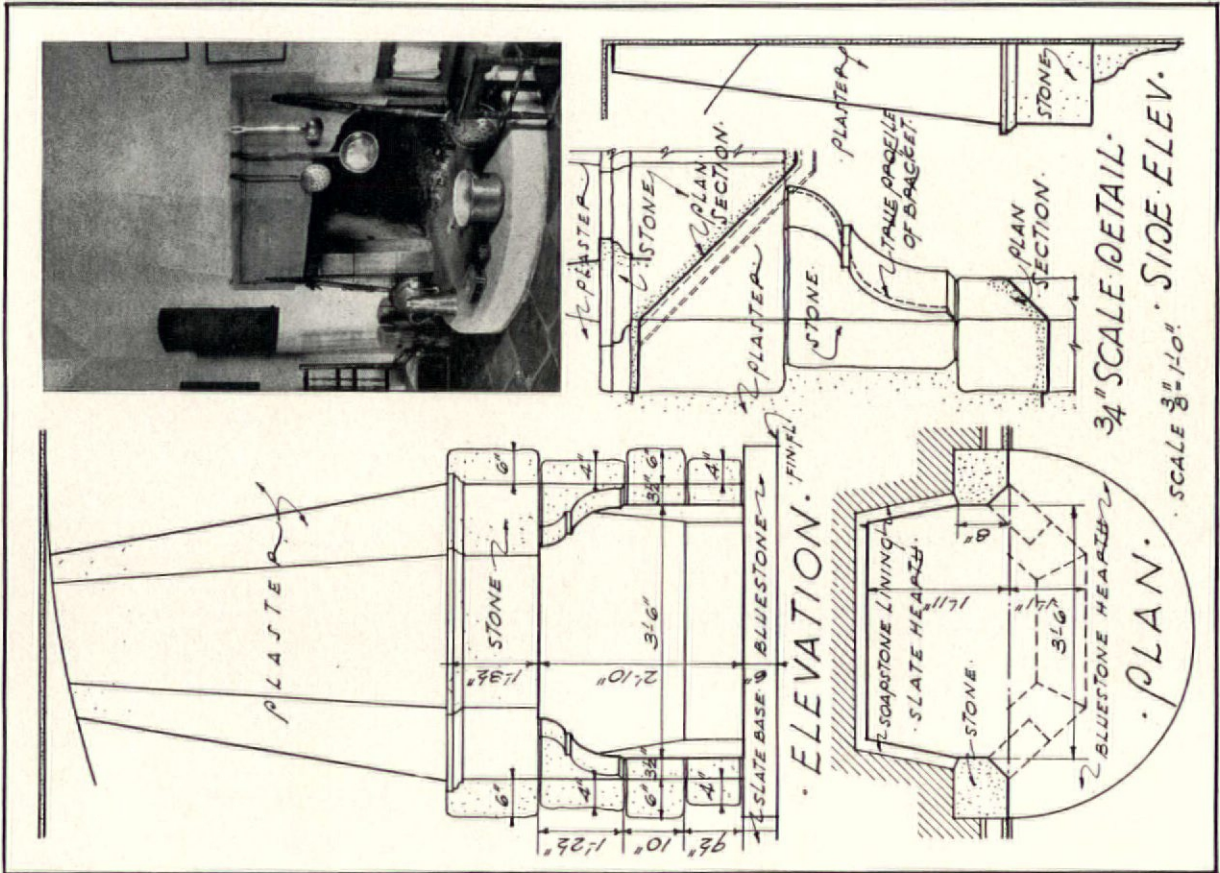


RESIDENCE OF ALBERT M. SWANK, ESQ., JOHNSTOWN, PENNSYLVANIA  
Frank J. Forster, Architect



RESIDENCE OF CHARLES WESLEY DUNN, ESQ., NORWALK, CONNECTICUT  
Frank J. Forster, Architect

COMPARATIVE ARCHITECTURAL DETAILS—FIREPLACES



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 Walter Bradnee Kirby, Architect

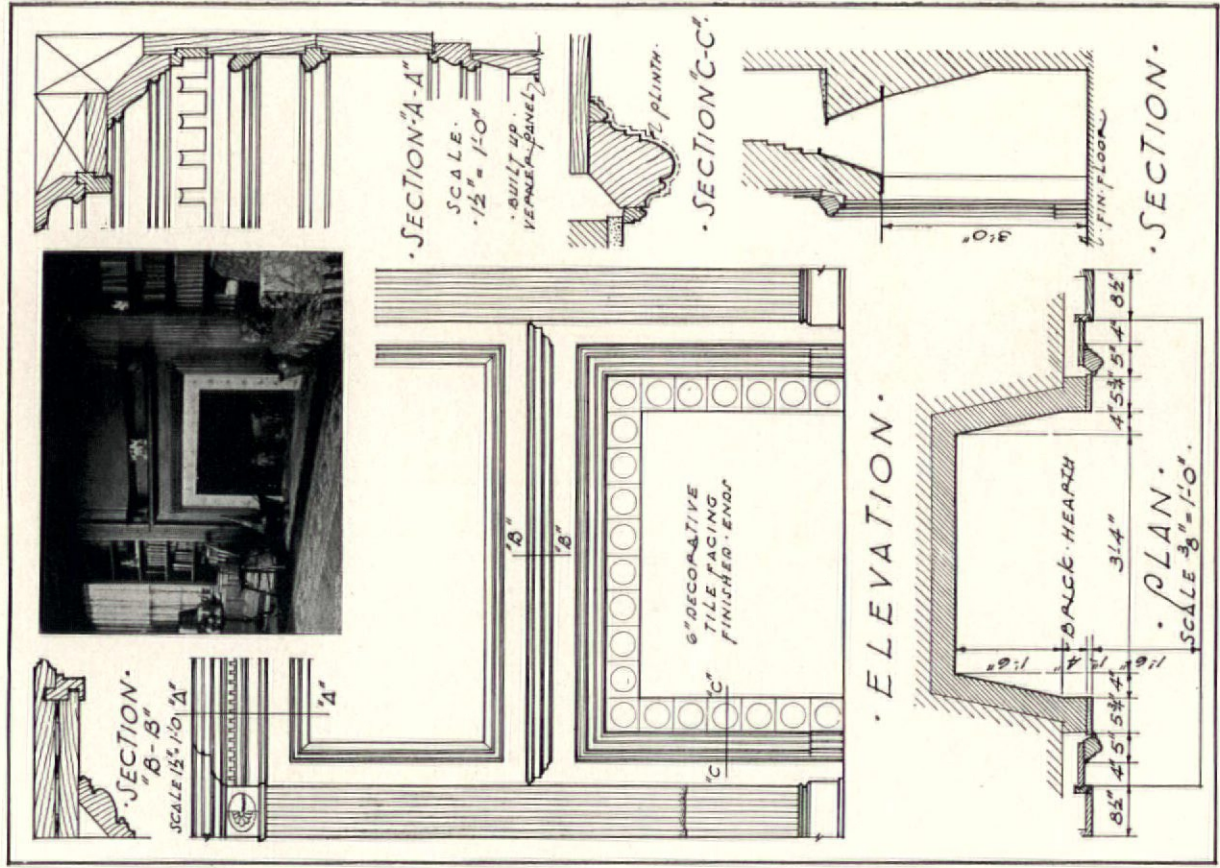
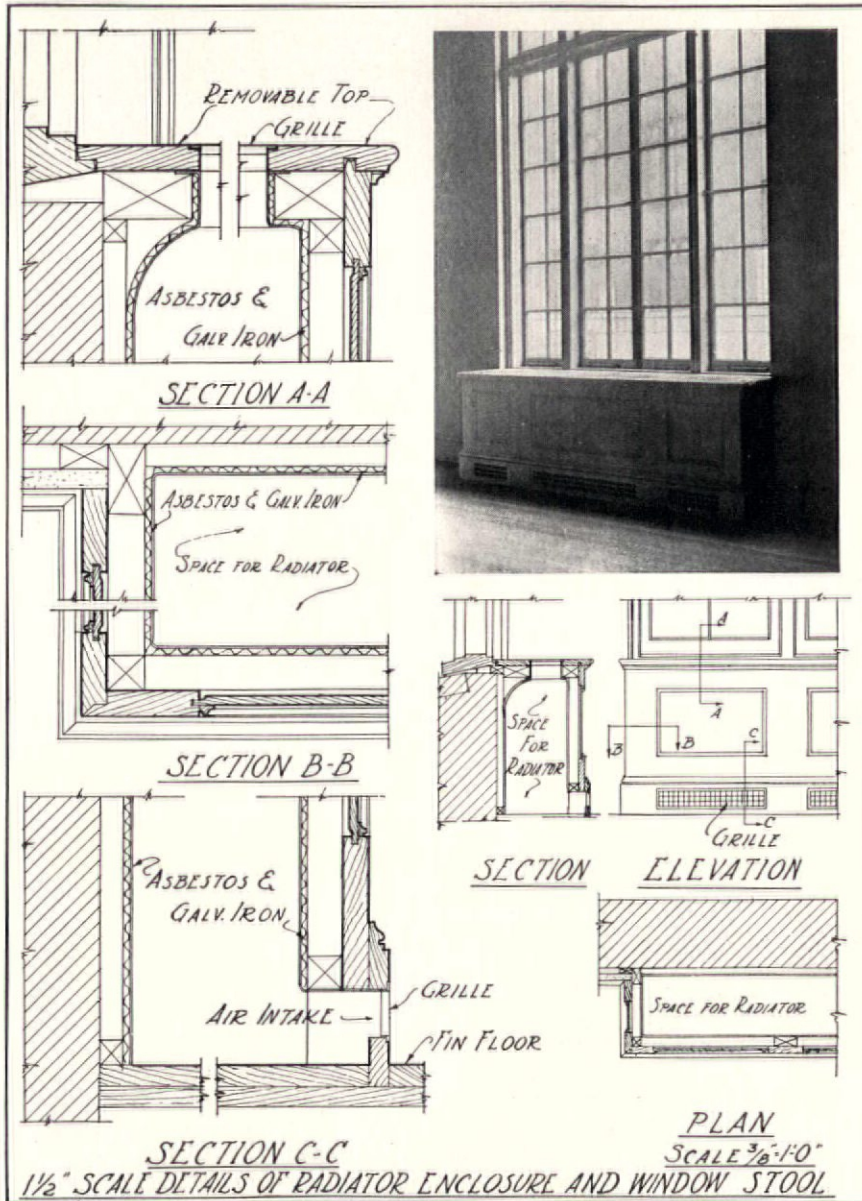


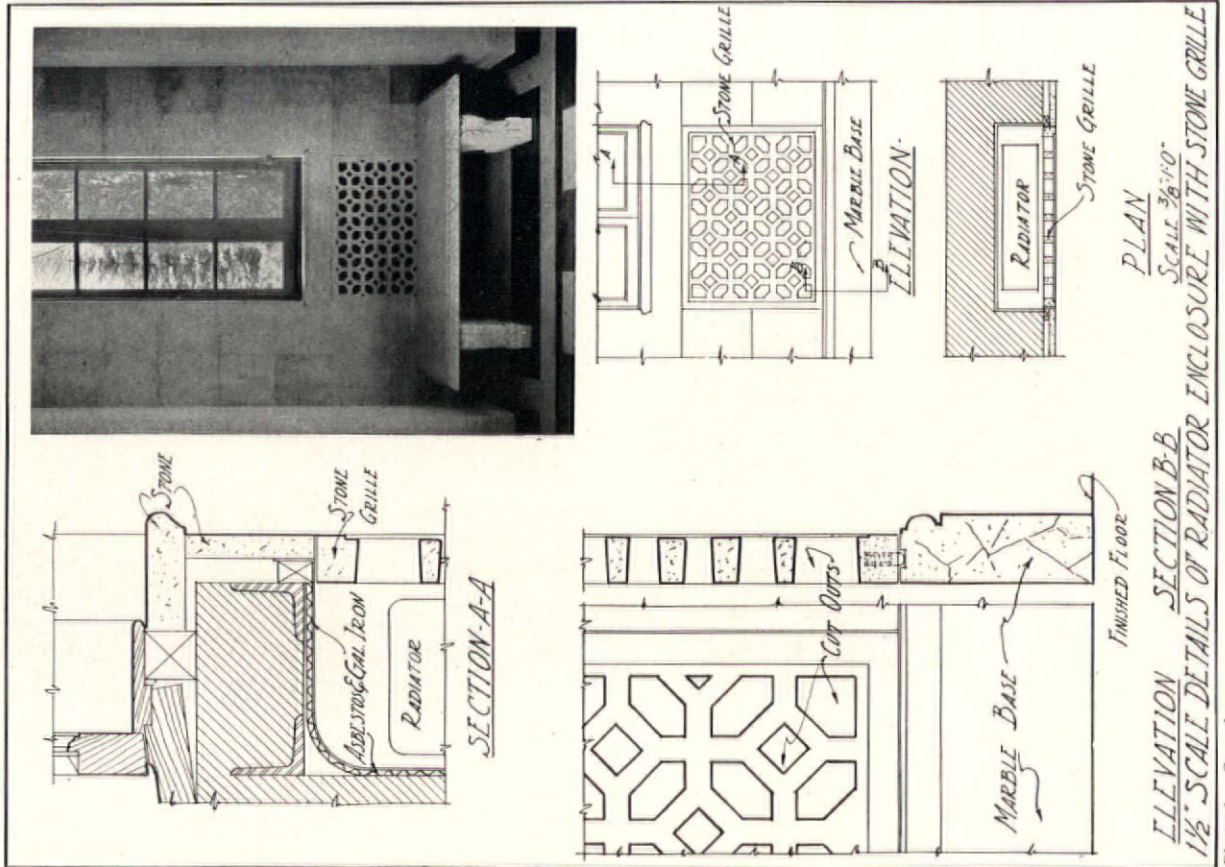
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 RESIDENCE OF MARIE O. GREGORY, HEWLETT, LONG ISLAND, NEW YORK  
 Henry Otis Chapman, Architect

# RADIATOR ENCLOSURES



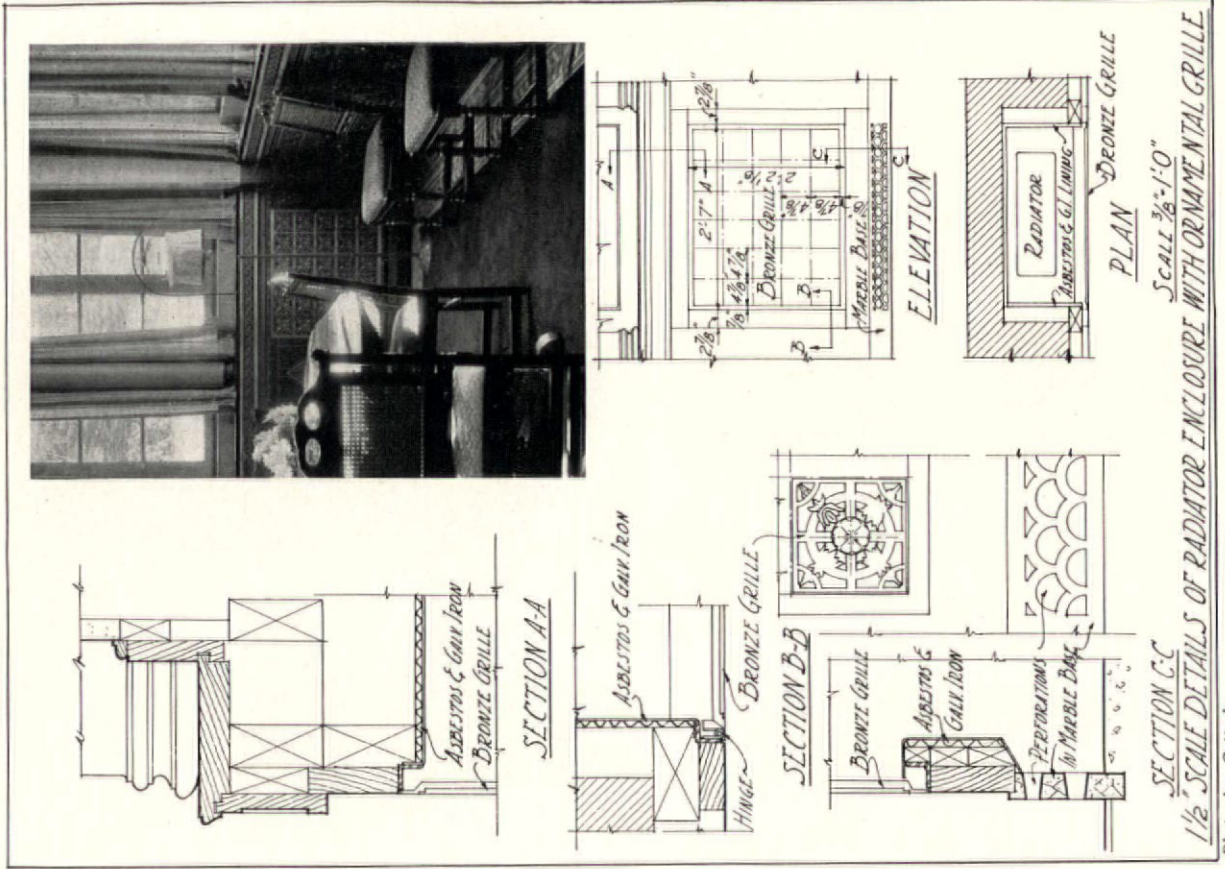
APARTMENT OF ROBERT PERRY RODGERS  
 Robert Perry Rodgers, Architect

COMPARATIVE ARCHITECTURAL DETAILS—RADIATOR ENCLOSURES



RESIDENCE OF W. S. BARSTOW, ESQ., GREAT NECK, LONG ISLAND, N. Y.

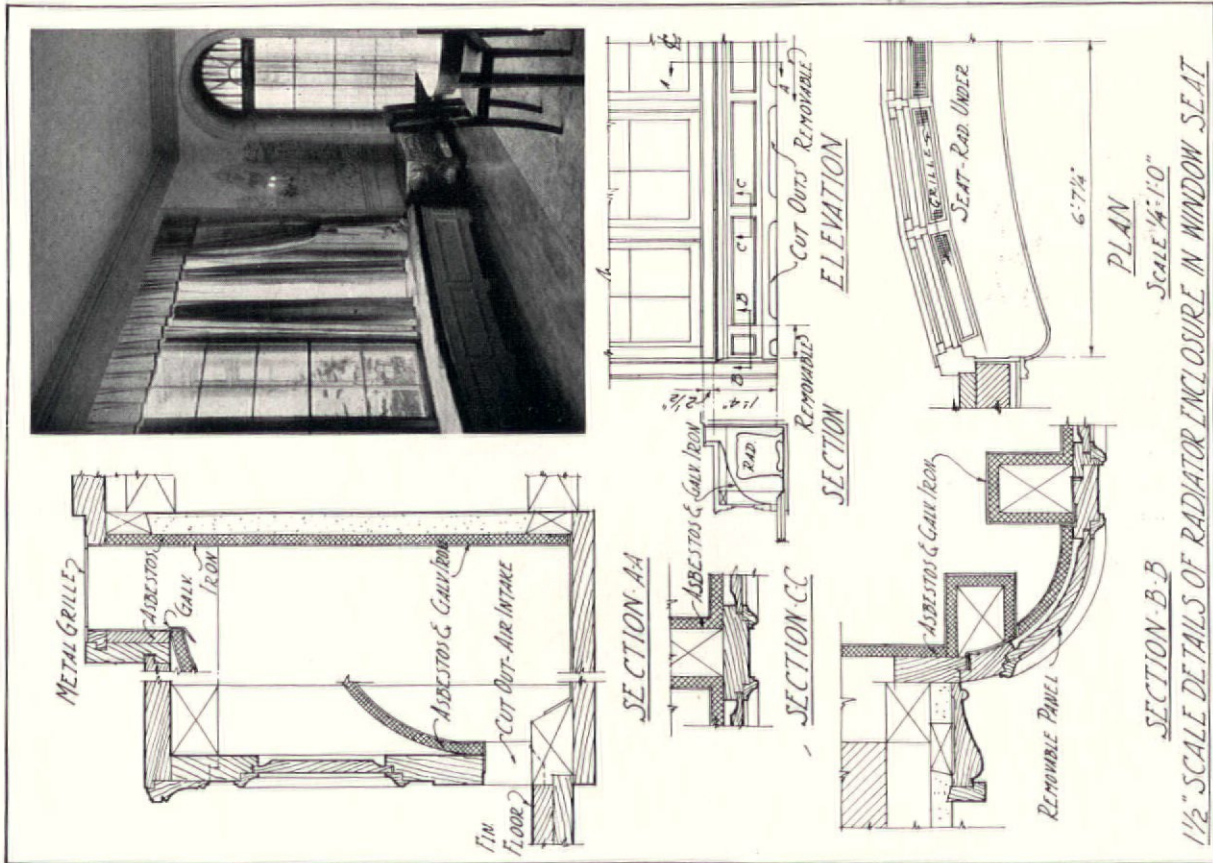
Greville Rickard, Architect



RESIDENCE OF W. S. BARSTOW, ESQ., GREAT NECK, LONG ISLAND, N. Y.

Greville Rickard, Architect

COMPARATIVE ARCHITECTURAL DETAILS—RADIATOR ENCLOSURES



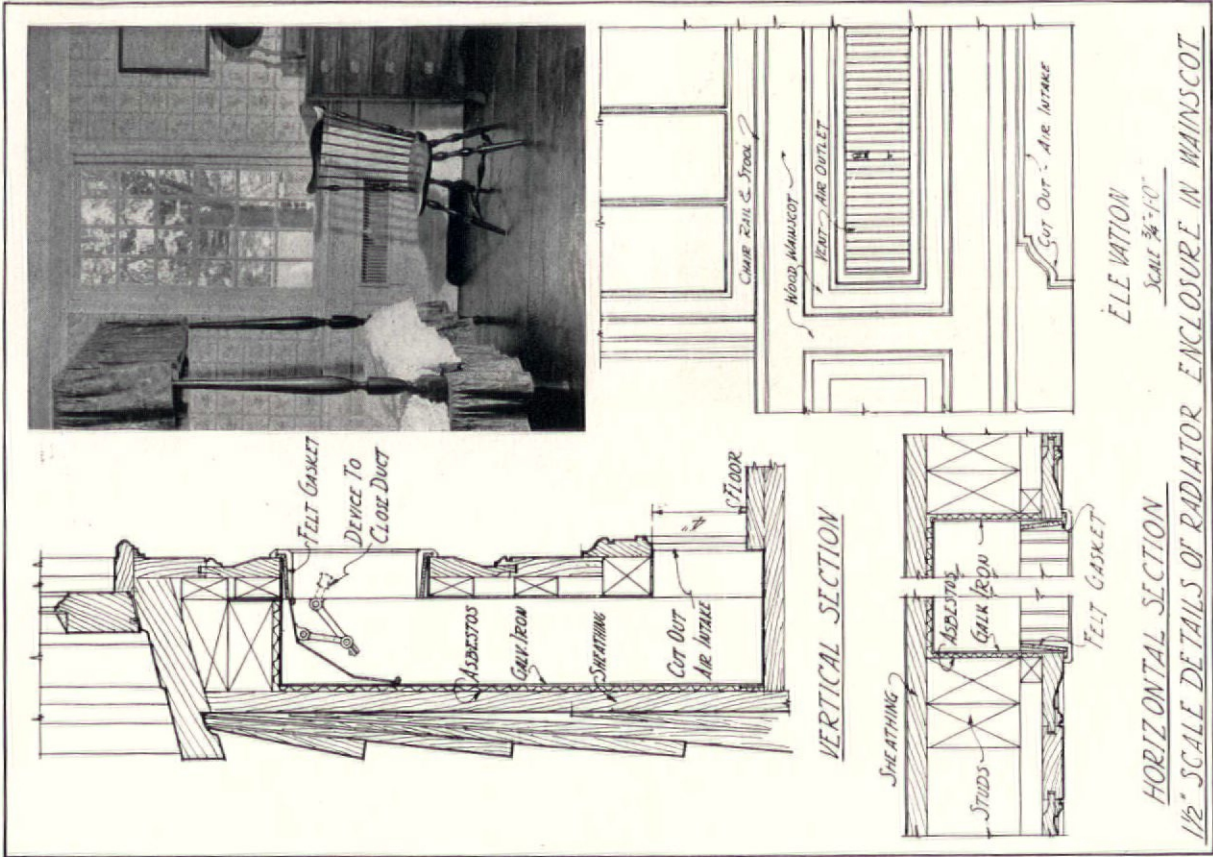
1 1/2" SCALE DETAILS OF RADIATOR ENCLOSURE IN WINDOW SEAT

SCALE 1/4"=1'-0"

Photo by Sigurd Fischer

RESIDENCE OF JOHN H. EDEN, ESQ., GREAT NECK, LONG ISLAND, N. Y.

Greville Rickard, Architect



1 1/2" SCALE DETAILS OF RADIATOR ENCLOSURE IN MAINSCOT

SCALE 3/8"=1'-0"

Photo by Richard Averill Smith

RESIDENCE OF TAPPING REEVE, ESQ., LITCHFIELD, CONNECTICUT

Richard H. Dana, Jr., Architect

COMPARATIVE ARCHITECTURAL DETAILS—RADIATOR ENCLOSURES

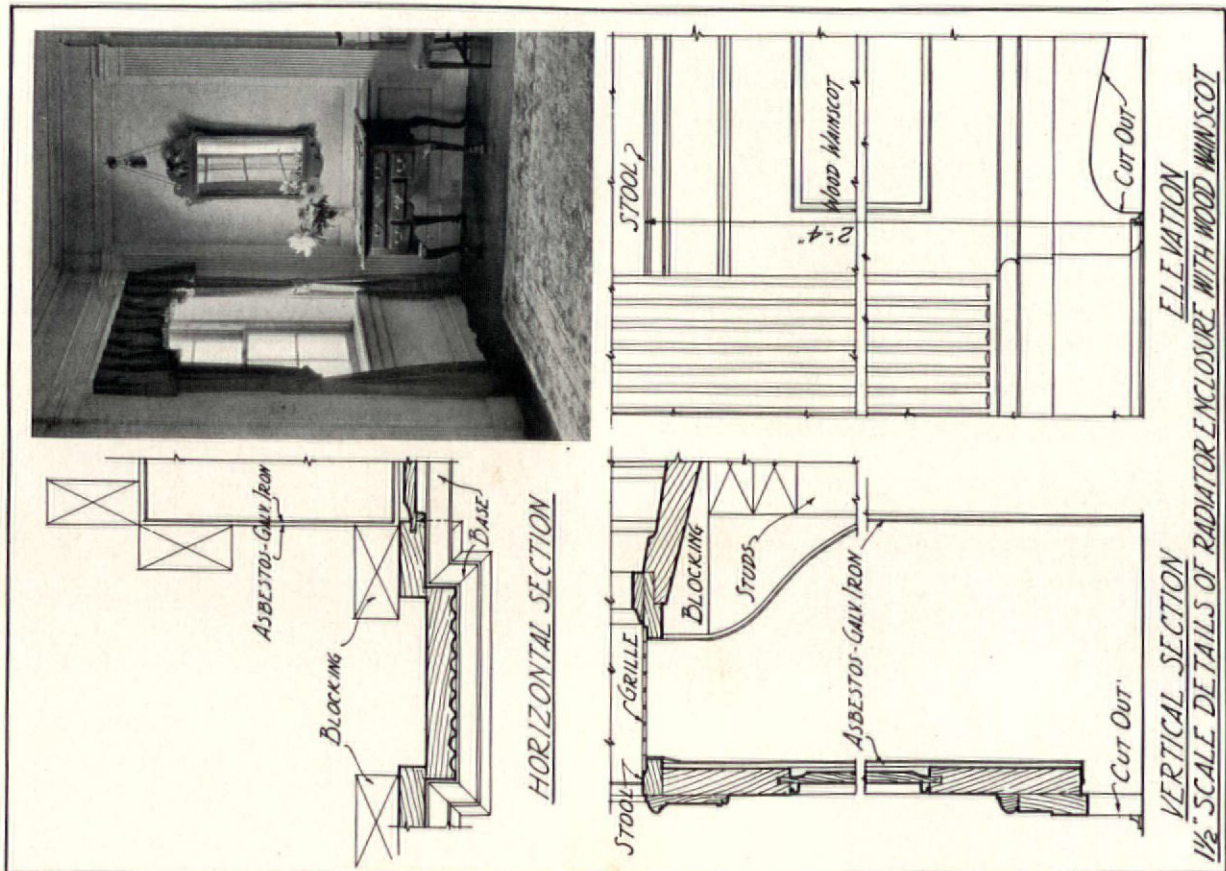


Photo by Richard Averill Smith

RESIDENCE OF C. H. DAVISON, ESQ., PRINCETON, NEW JERSEY  
Aymar Embury, II, Architect

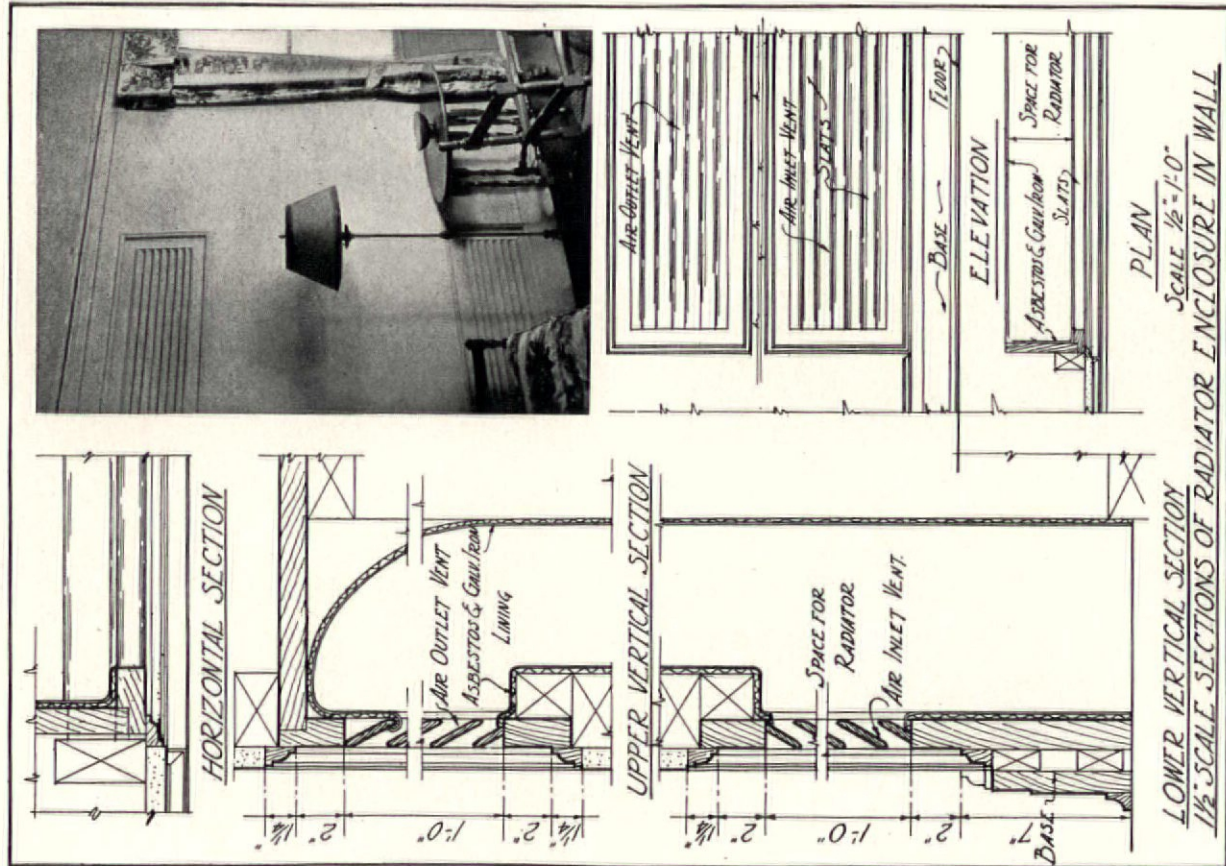
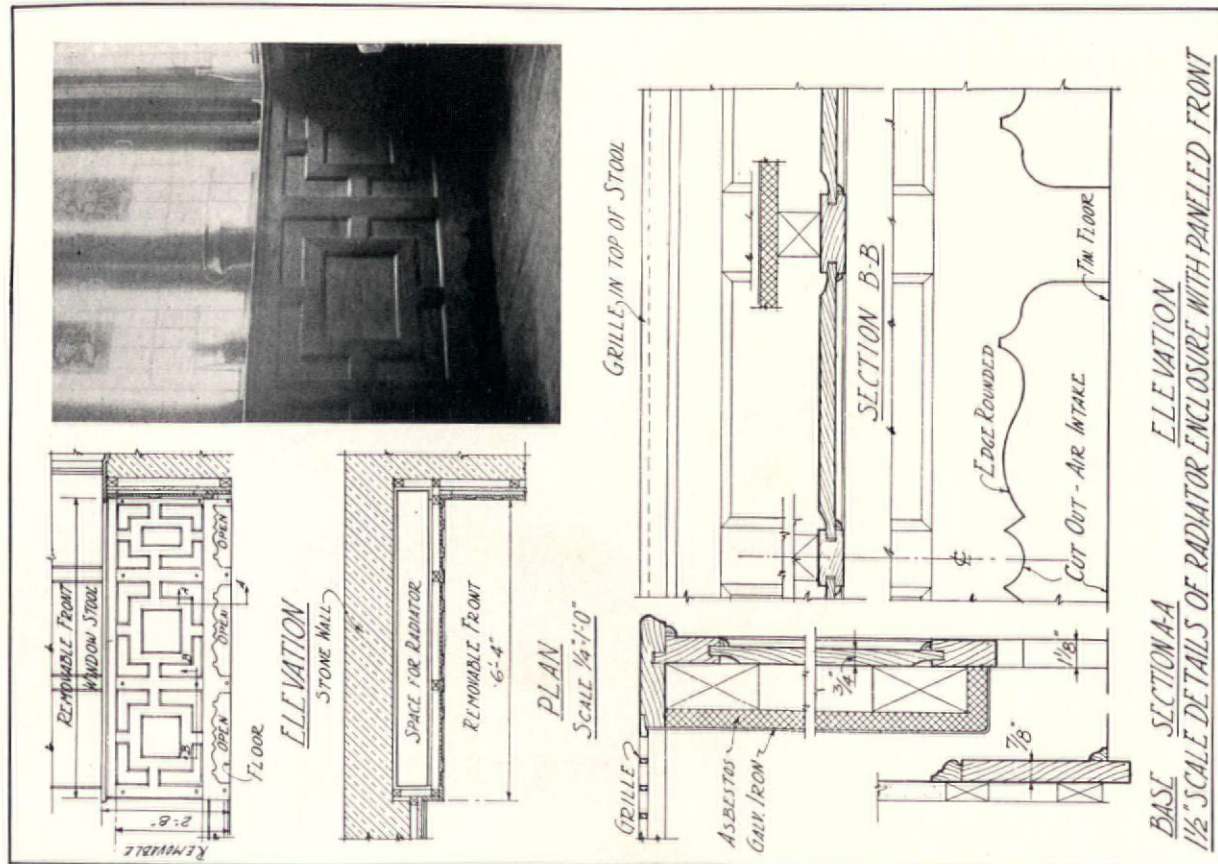


Photo by Eddy

RESIDENCE OF DR. E. E. CADY, SOUTHERN PINES, NORTH CAROLINA  
Aymar Embury, II, Architect

COMPARATIVE ARCHITECTURAL DETAILS—RADIATOR ENCLOSURES



RESIDENCE OF C. L. SCHWEINLER, ESQ., WEST ORANGE, N. J.  
Bernhardt E. Müller, Architect

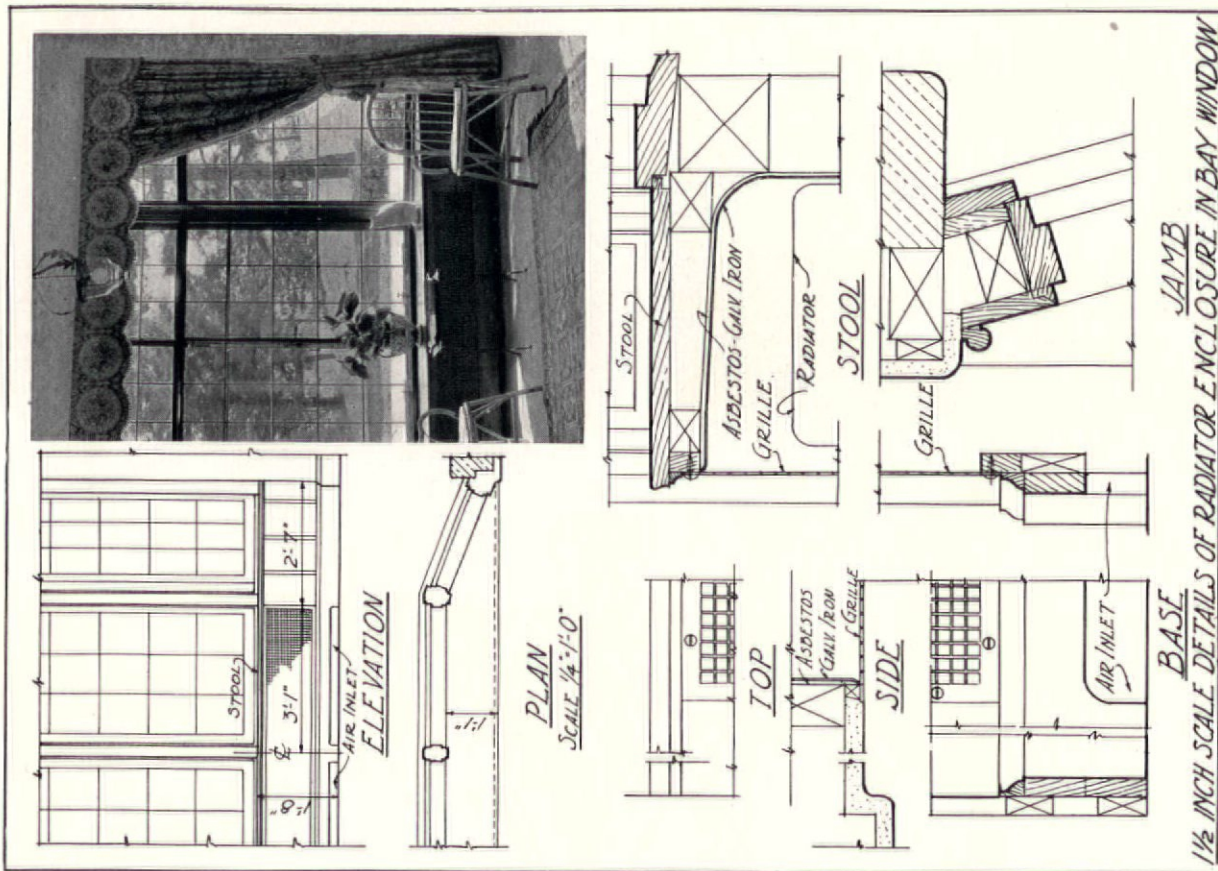


Photo by Richard Averill Smith  
RESIDENCE OF MRS. H. H. OLTMAN, ALPINE, N. J.  
Aymar Embury, II, Architect



COMPARATIVE ARCHITECTURAL DETAILS—RADIATOR ENCLOSURES

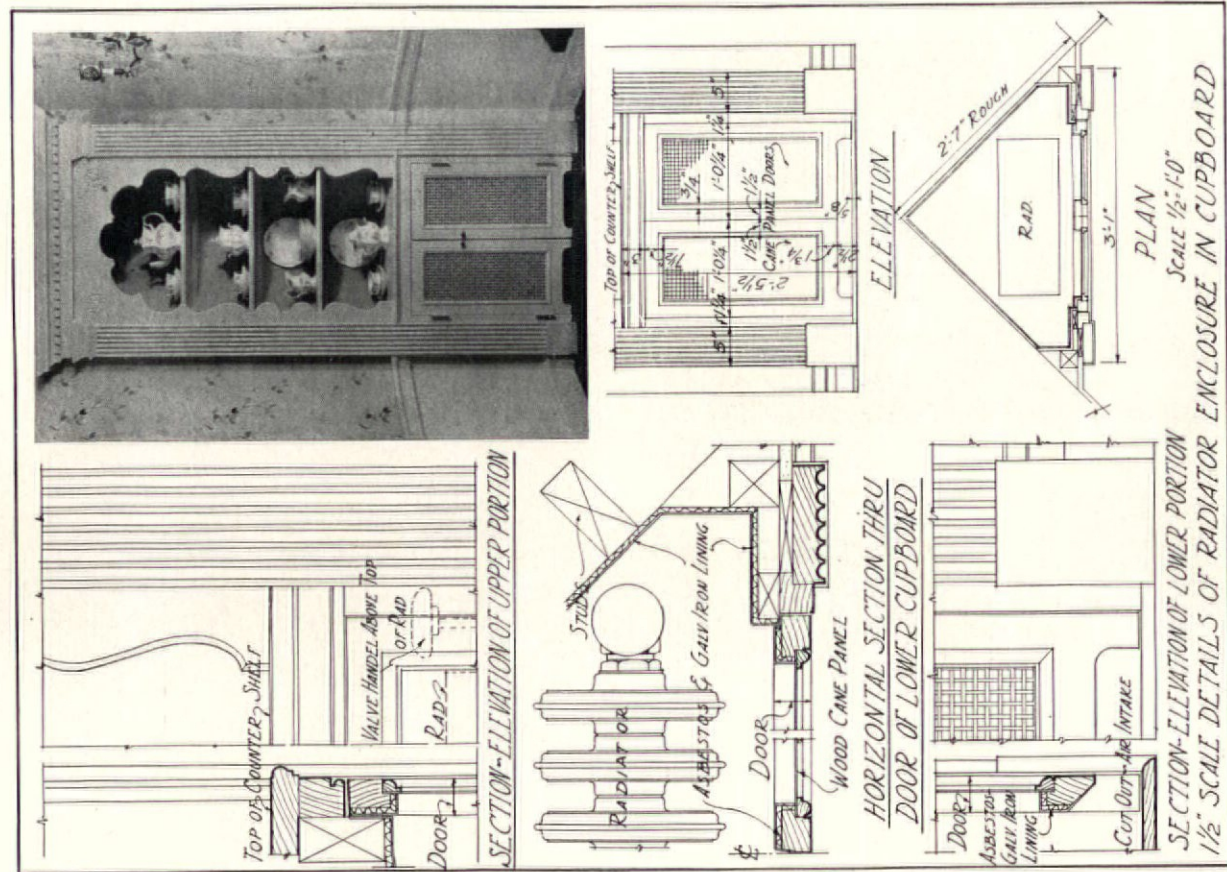


Photo by Van Anda

RESIDENCE OF JOSEPH HUSBAND, ESQ., BEDFORD, N. Y.

Godwin, Thompson, and Patterson, Architects

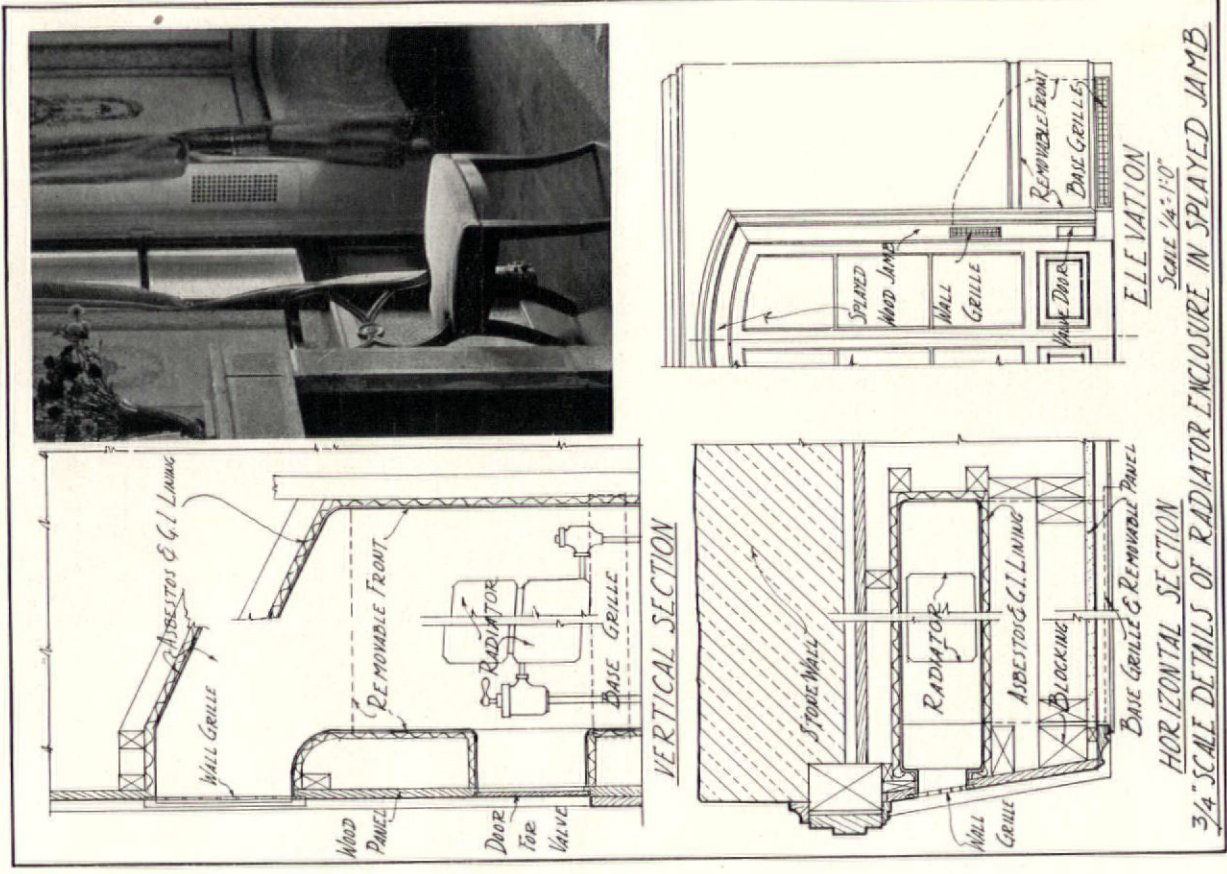


Photo by Gottscho

RESIDENCE OF CARROLL B. ALKER, BROOKVILLE, LONG ISLAND, N. Y.

Bradley Delehanty, Architect

# RESIDENCE BARS

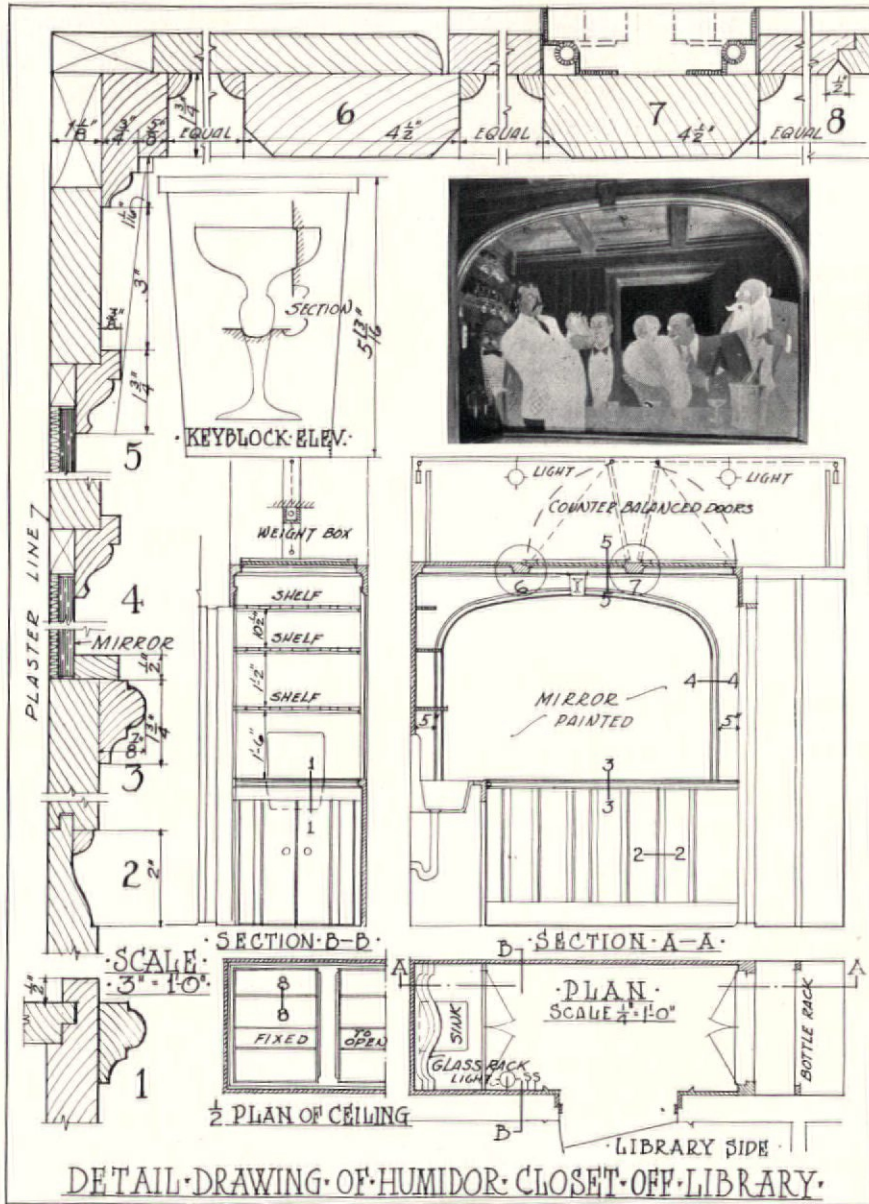
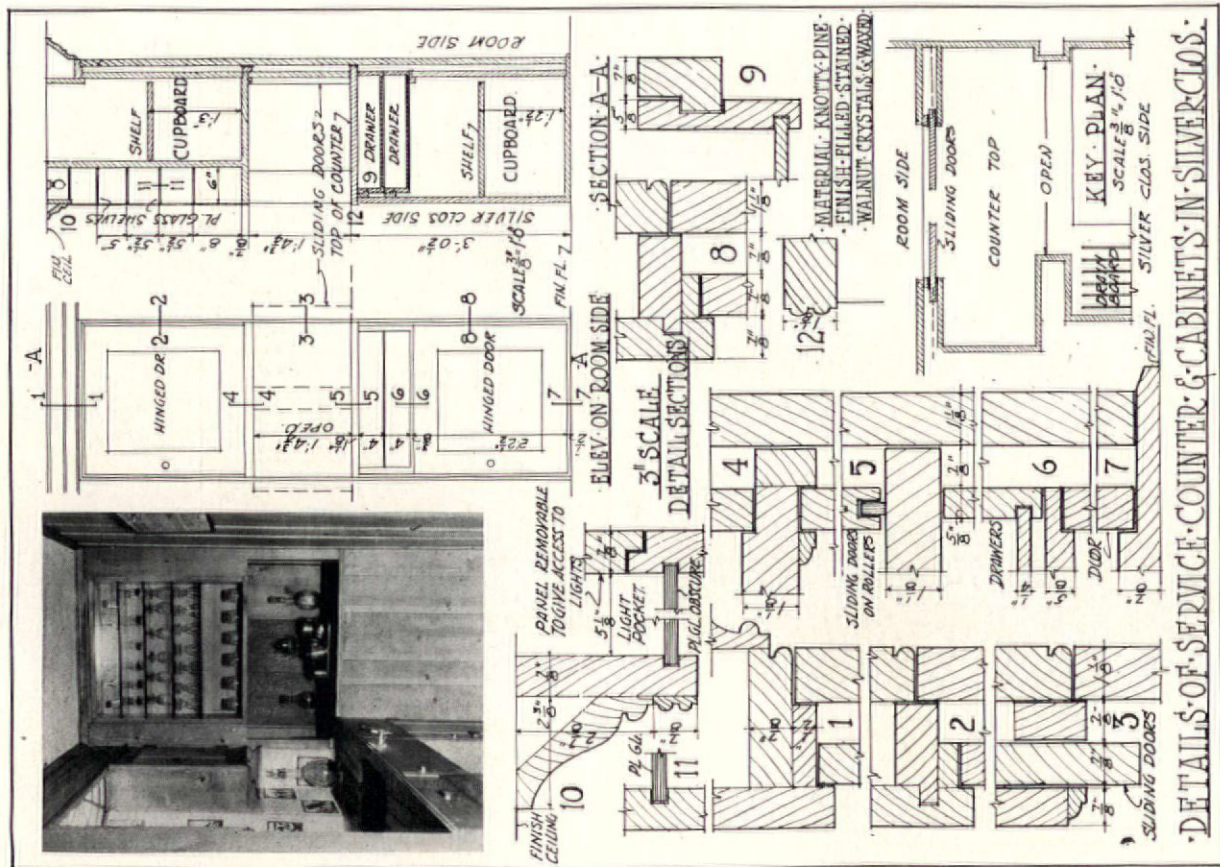
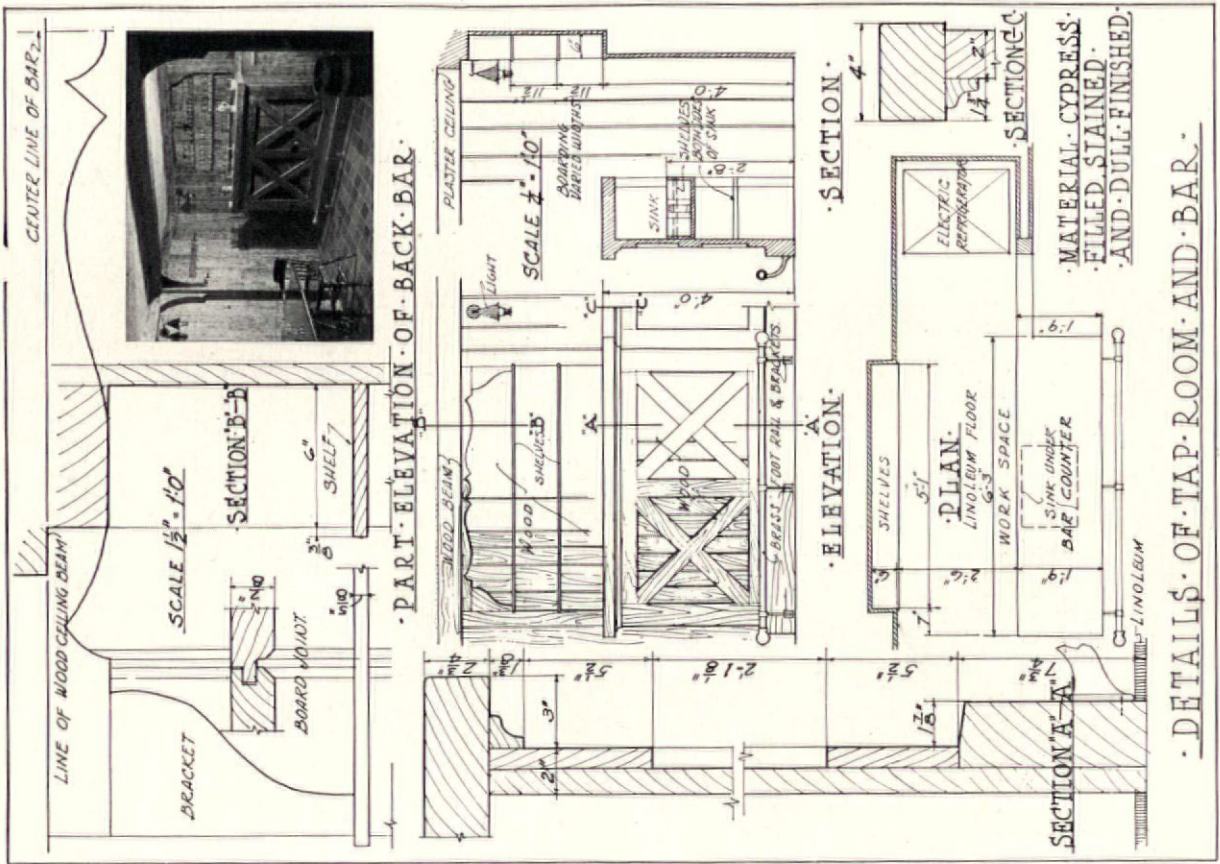


Photo by Van Anda

APARTMENT ON PARK AVENUE, NEW YORK

Treanor and Fatio, Architects

COMPARATIVE ARCHITECTURAL DETAILS—RESIDENCE BARS



DETAILS OF TAP ROOM AND BAR

DETAILS OF SERVICE COUNTER & CABINETS IN SIVERCLOS

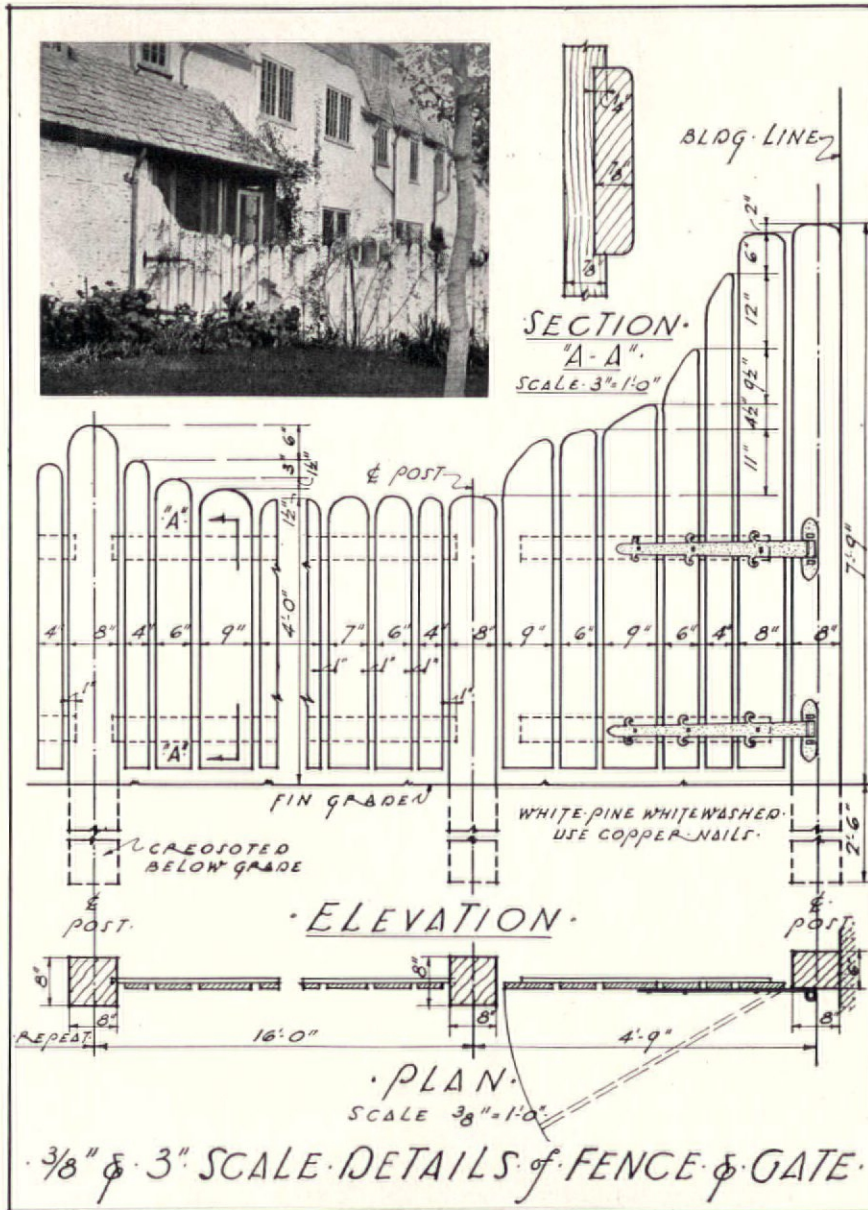
A RESIDENCE AT FOX MEADOWS, SCARSDALE, NEW YORK  
Howard and Frenaye, Architects

ALTERATION TO A RESIDENCE AT GREENWICH, CONNECTICUT  
Evans, Moore, and Woodbridge, Architects



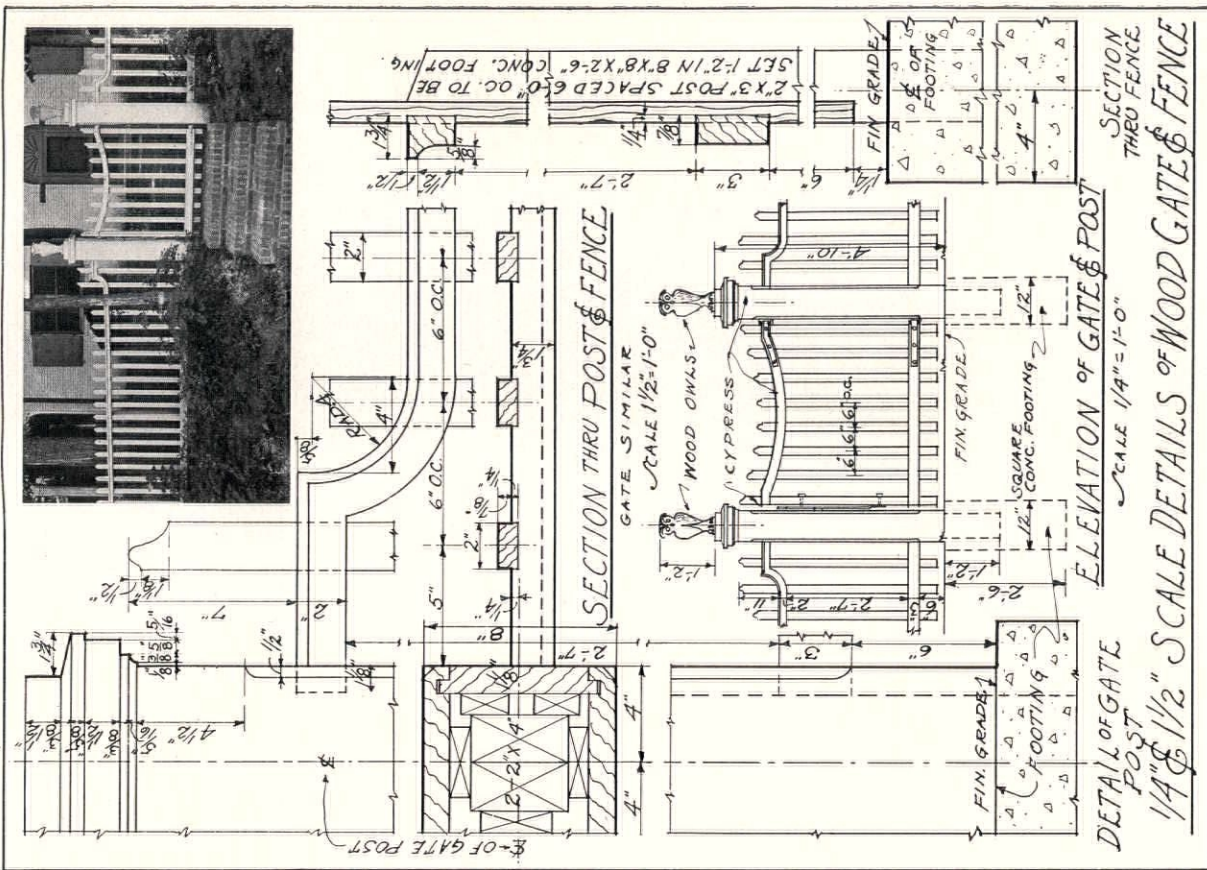
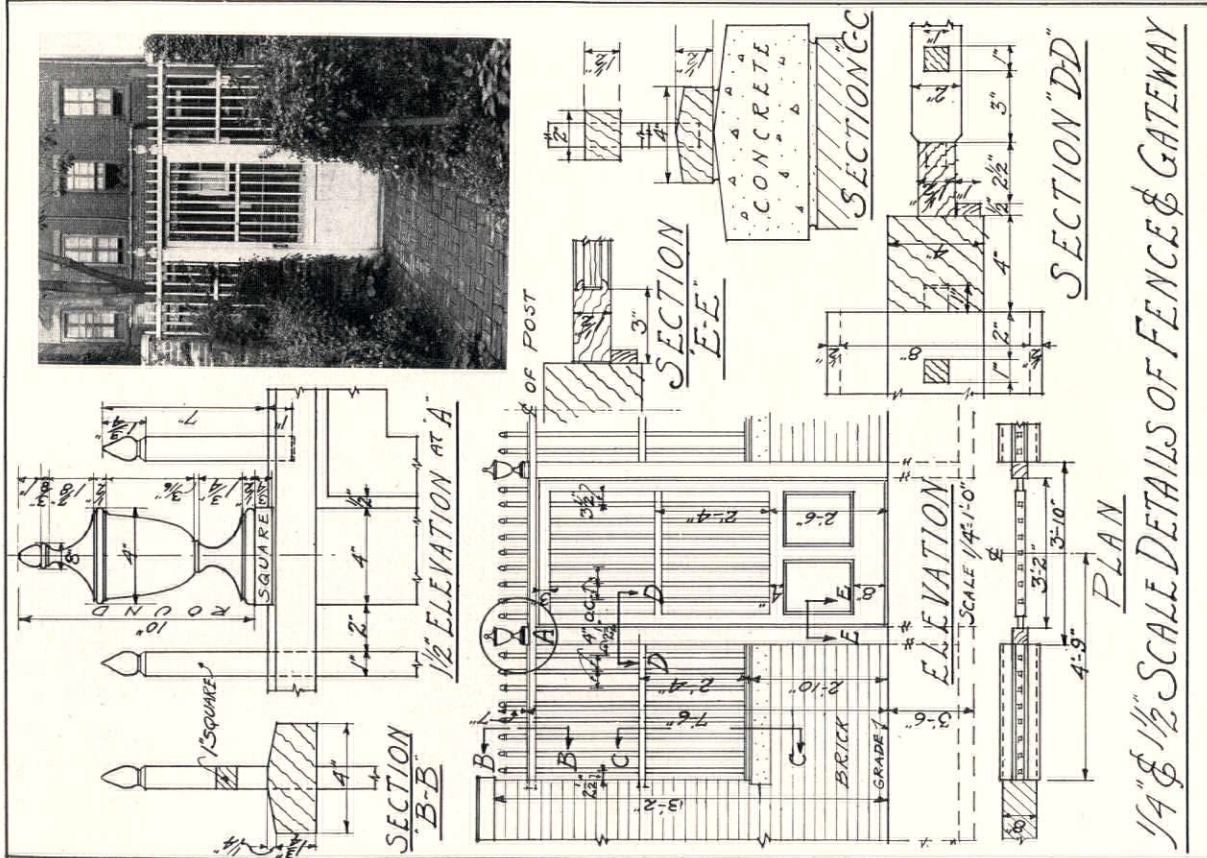


# FENCES AND GATES



RESIDENCE OF MRS. CHARLES H. LOTT, SUMMIT, NEW JERSEY  
Bernhardt E. Müller, Architect







COMPARATIVE ARCHITECTURAL DETAILS—FENCES AND GATES

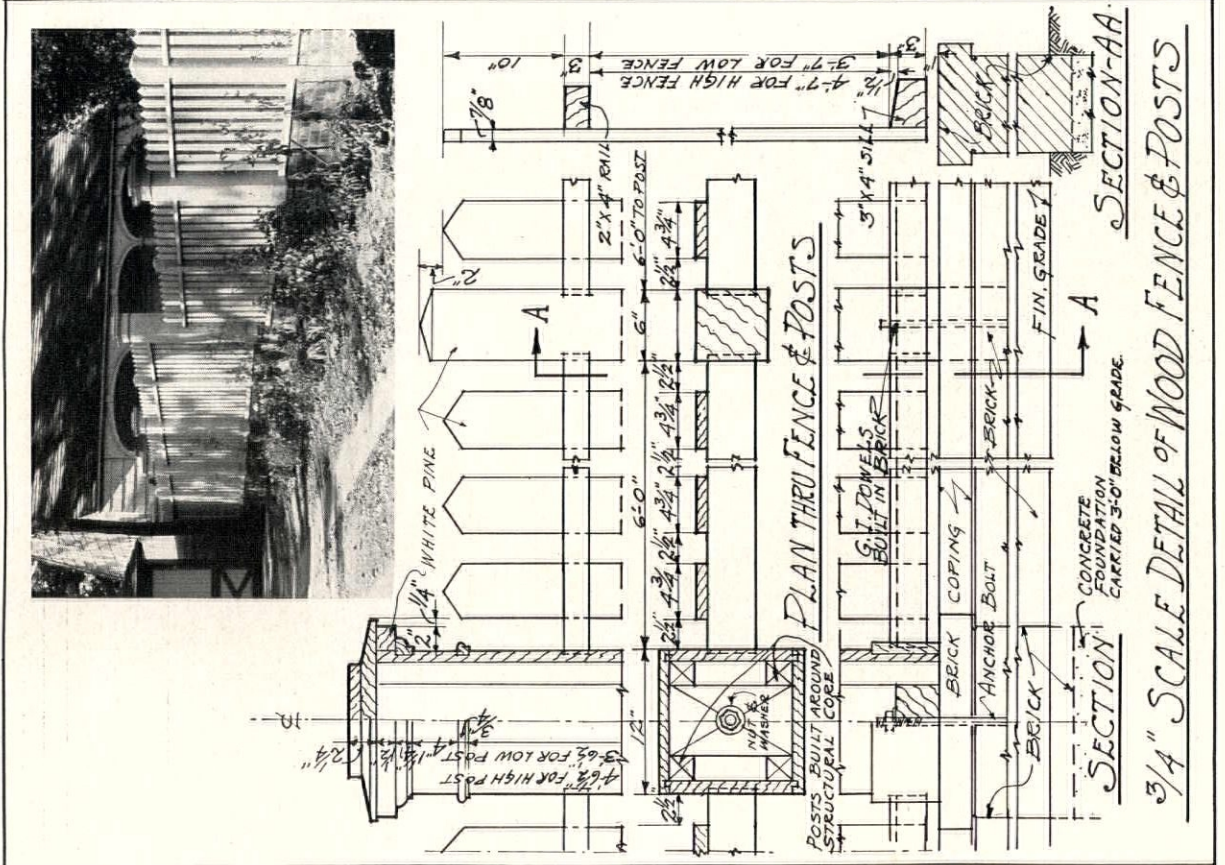
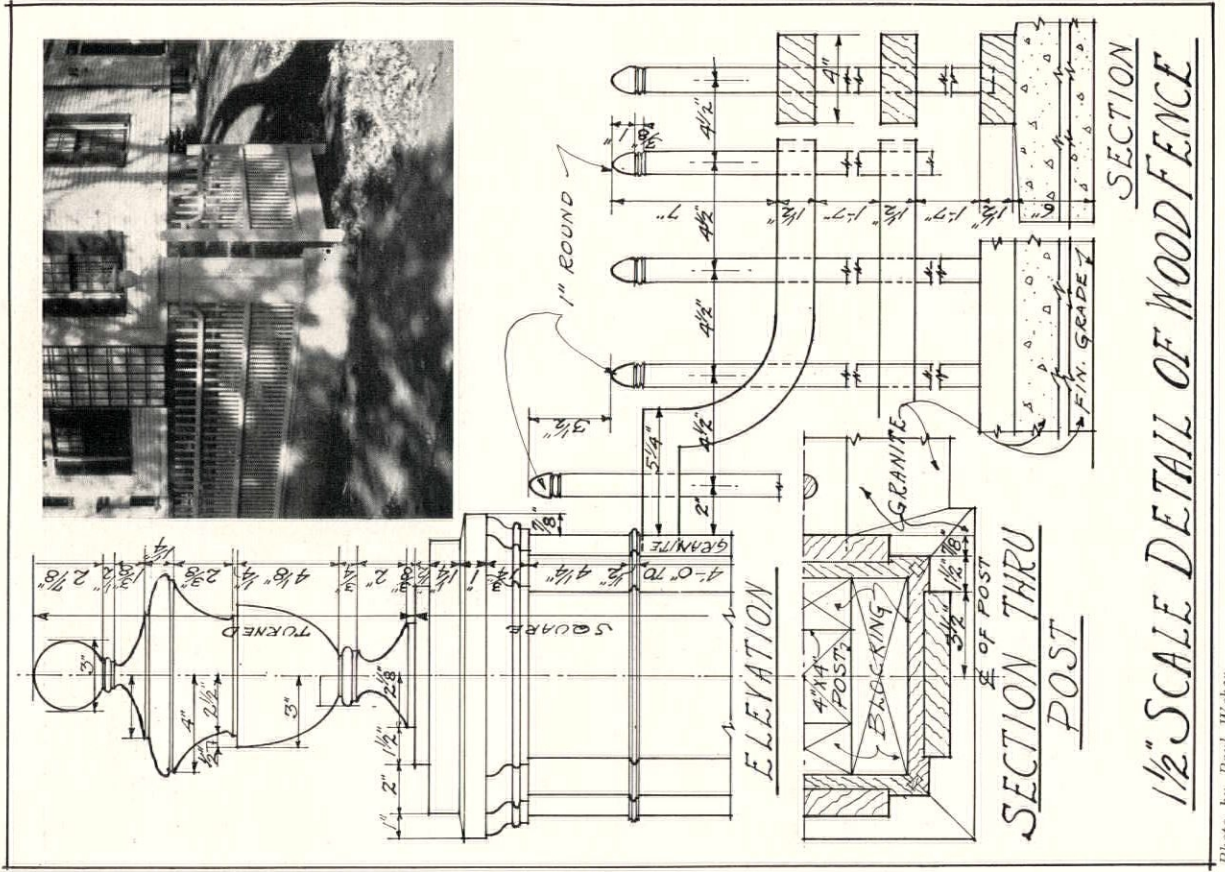
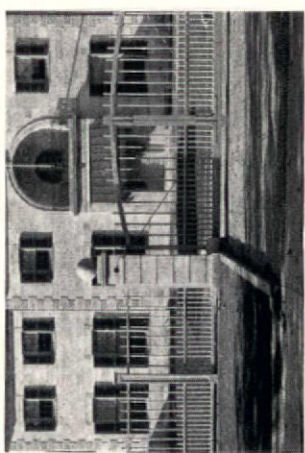


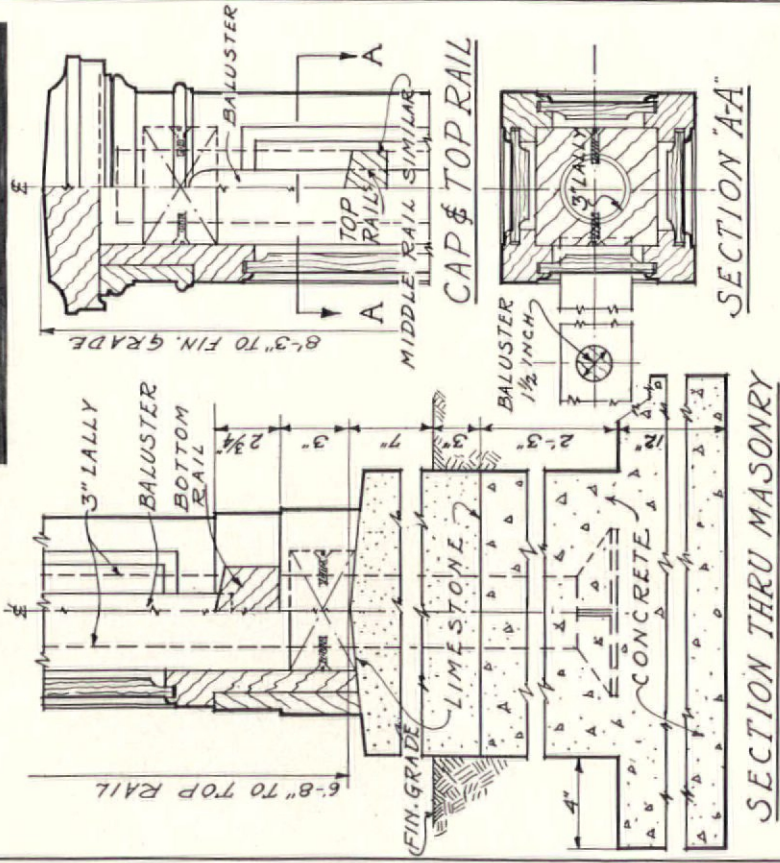
Photo by Paul Weber  
 GATE AND FENCE—RESIDENCE OF F. M. SULLIVAN, ESQ., WESTERLY, R. I.  
 Dwight James Baum, Architect

GARAGE FENCE—RESIDENCE OF MRS. CHARLES L. POOR, DERING HARBOR, N. Y.  
 Rodgers and Poor, Architects

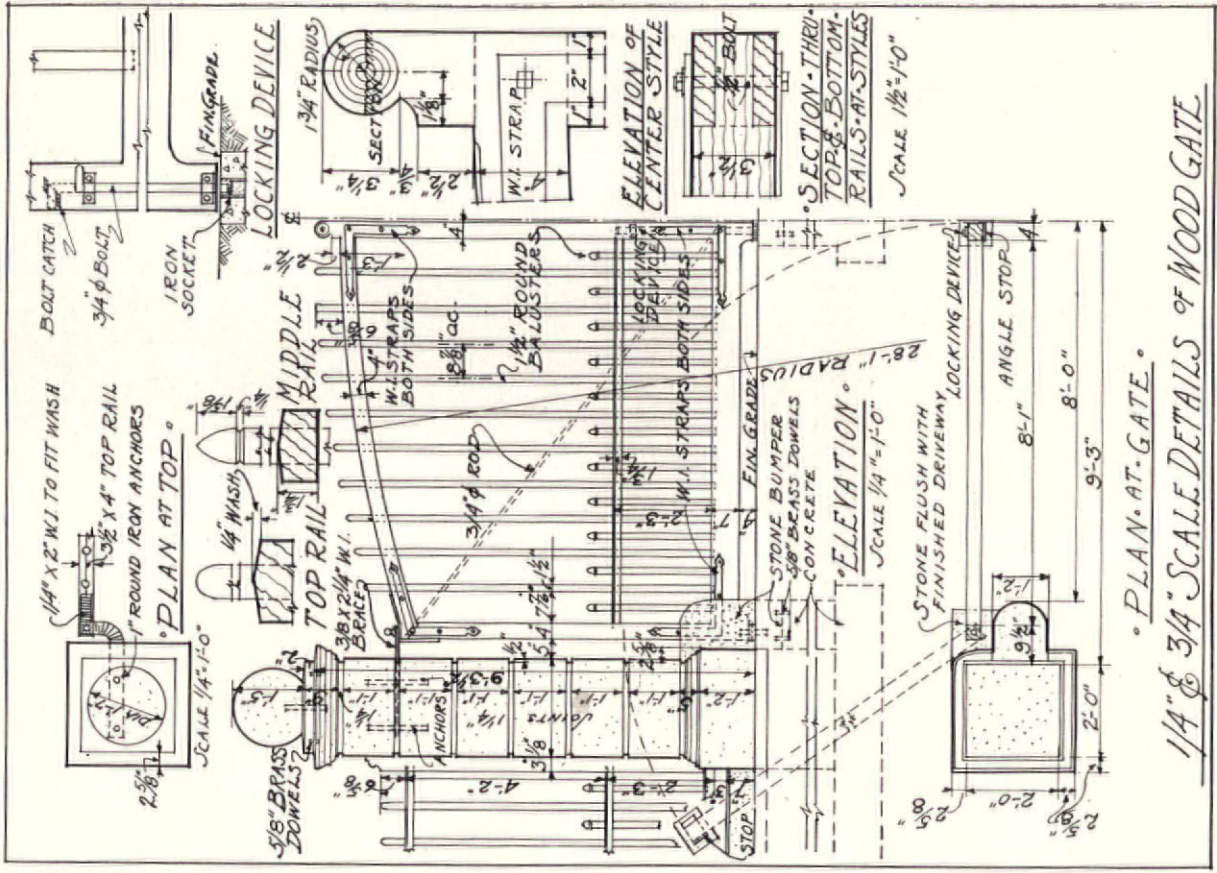
COMPARATIVE ARCHITECTURAL DETAILS—FENCES AND GATES



NOTE.  
 DISTANCE FROM BOTTOM  
 OF LOWER RAIL TO TOP OF  
 MIDDLE RAIL IS 2'-3".  
 FROM TOP OF MIDDLE RAIL  
 TO TOP OF TOP RAIL IS 4'-2".  
 BALUSTERS ARE 8 7/8" O.C.



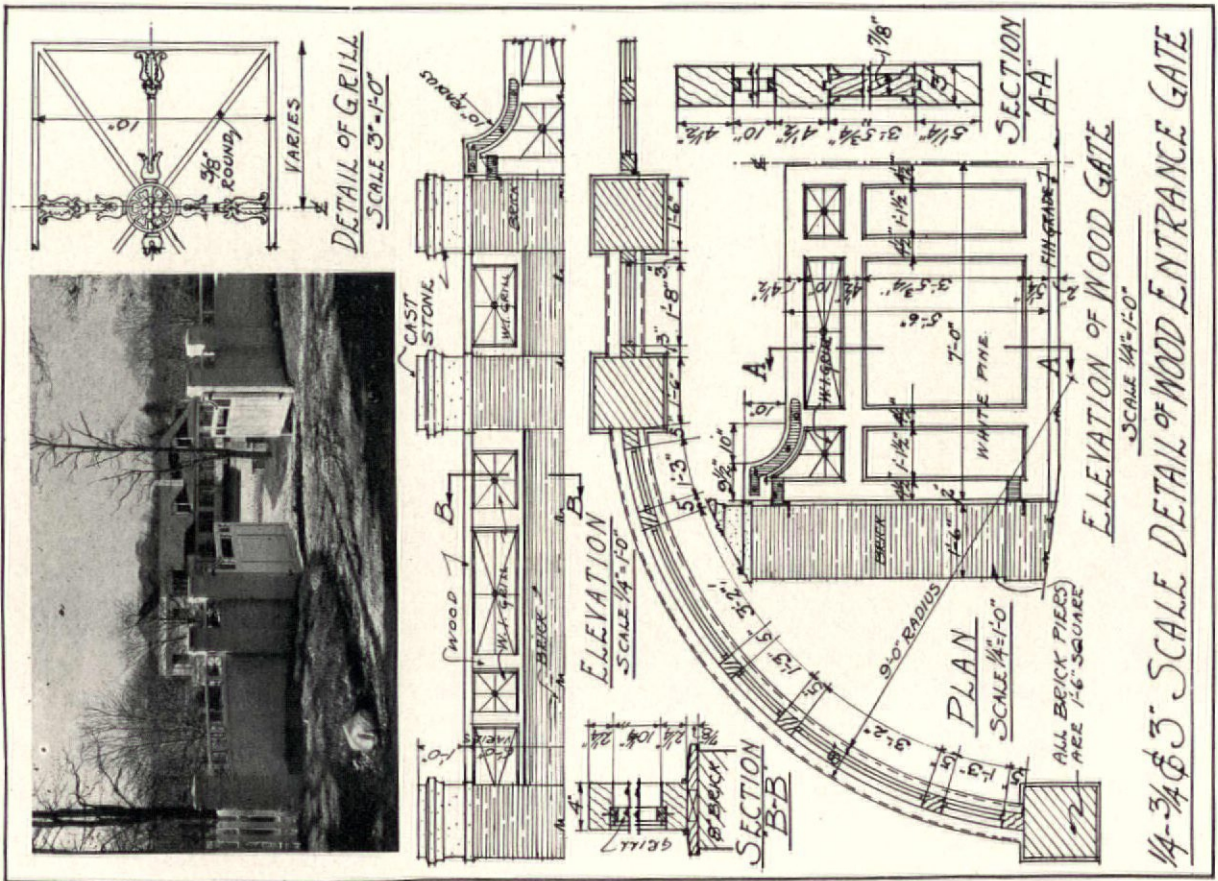
1/2" SCALE SECTIONS THRU WOOD POST & FENCE



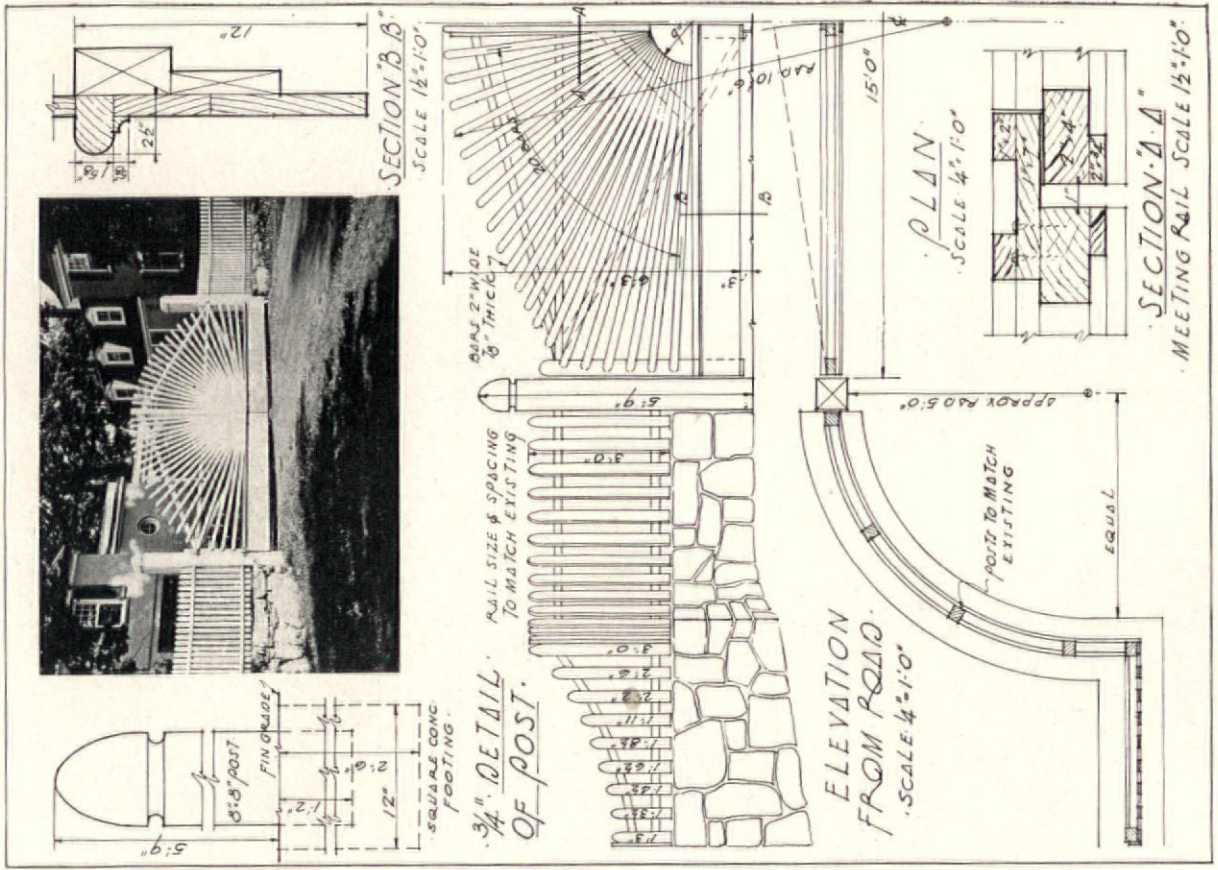
1/4" & 3/4" SCALE DETAILS OF WOOD GATE

GATE AND FENCE FOR THE IMPERIAL JAPANESE EMBASSY, WASHINGTON, D. C.—DELANO AND ALDRICH, ARCHITECTS

COMPARATIVE ARCHITECTURAL DETAILS—FENCES AND GATES



GATE—RESIDENCE OF MORGAN W. JOPLING, ESQ., SOUTHAMPTON, L. I.  
Rogers and Poor, Architects



GARAGE GATE—RESIDENCE OF PHILIP G. BARTLETT, SOUTHURY, CONN.  
Rogers and Poor, Architects

# STONE TEXTURES



The manner in which the architect employed fieldstone in this interesting colonial cottage is especially noteworthy. The scale of the stones are generally small ranging from 2" to 10" laid at random for size and color. The stones are laid in their natural bed and in a natural colored cement mortar slightly raked. The color of the stones range from a light buff to tans & browns—the joints being of a slightly lighter yellowish tone. The architect's cooperation with stone-mason upon arrival of stone at "job" and regular supervision thereafter is greatly responsible for desired result.



Photo by Gottscho

RESIDENCE OF C. C. WELLS, ESQ., SOUTH NORWALK, CONNECTICUT

*Julius Gregory, Architect*

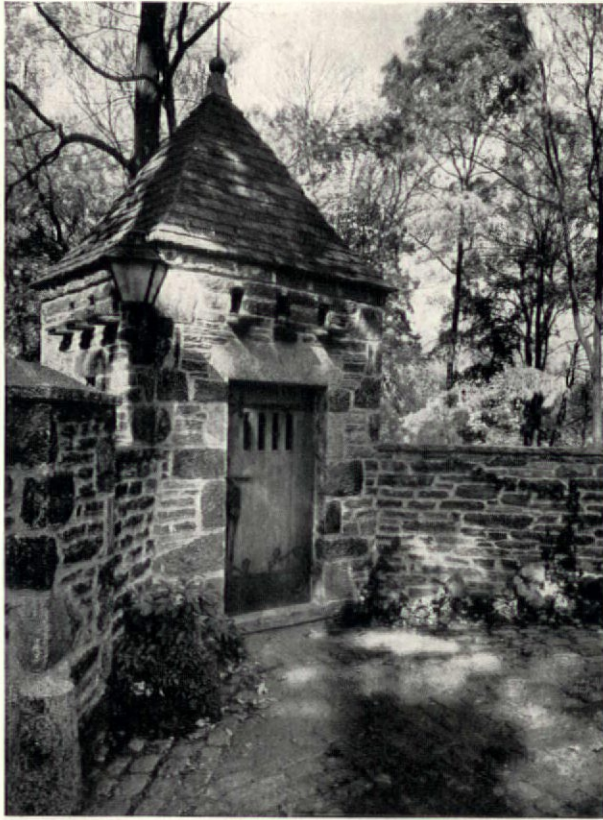


Photo by Glasgow

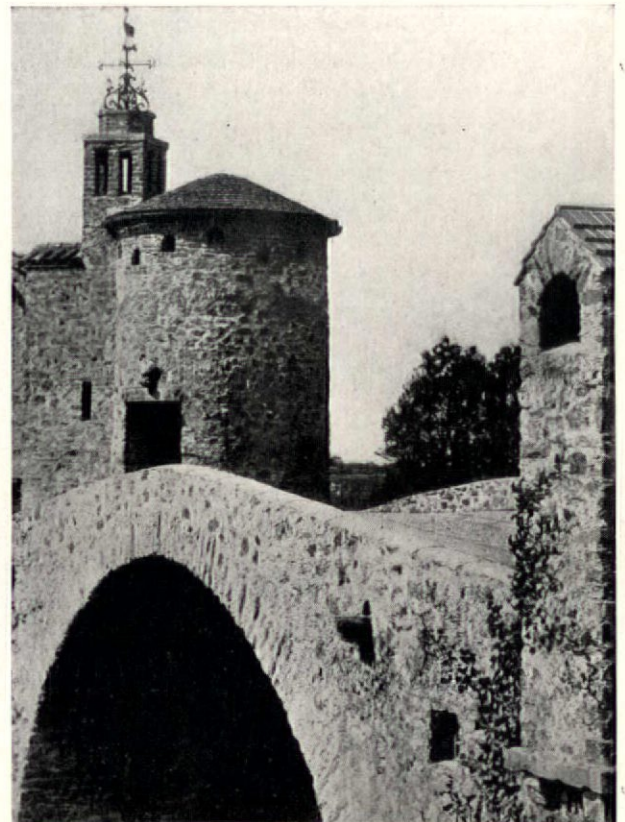


Stones derived from local vicinity are typically hand-split on the job, varying from 2" to 6" courses. The quoins and lintel at doorway run larger from 8" to 12", face squared and point-dressed. Likewise are the quoins, wheelquard & pier coping point-dressed. The color of the stonework varies from a grey to a rust-brown with a natural grey-colored joint, resulting in a very pleasing warm tone. The architect has clearly defined in the execution of this stonework the anatomy of the typical old French wall.

RESIDENCE OF GEORGE G. BASS, ESQ., GREENWICH, CONNECTICUT

*Frank J. Forster and R. A. Gallimore, Architects*

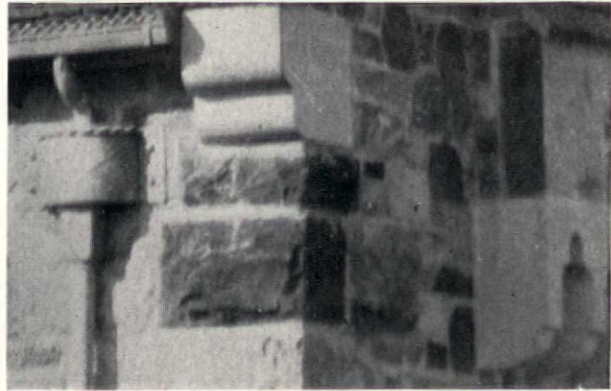
The use of ordinary fieldstone of irregular sizes employing a wide flash joint carried partially over the face of the stone gives this modern farm-group an old ragged appearance as one may find in Burgundy. The color of the joint predominates in blending with the greys and browns of the stones. The stones are graded from large at the grade to small at the top of the tower & adjoining building. A carefully prepared sample made under architect's supervision was key to the stonework throughout the entire "job"



SURPRISE VALLEY FARM FOR ARTHUR CURTIS JAMES, ESQ., NEWPORT, RHODE ISLAND

*Grosvenor Atterbury, Stowe Phelps, and John Tompkins, Architects*

COMPARATIVE ARCHITECTURAL DETAILS—STONE TEXTURES



The greater part of the stones that make-up this wall were obtained from the ruins of an old church nearby. The larger stones ranging from 20" to 24" were used at openings and corners whereas the smaller stones from 2" to 10" were laid random fashion to form an interesting yet structural field. Color varies from a red-brown to a dark buff with some blues. Unlike the typical Norman farmhouse which usually was whitewashed the architect left stones exposed due to the rich color harmony that resulted.

Photo by Müller

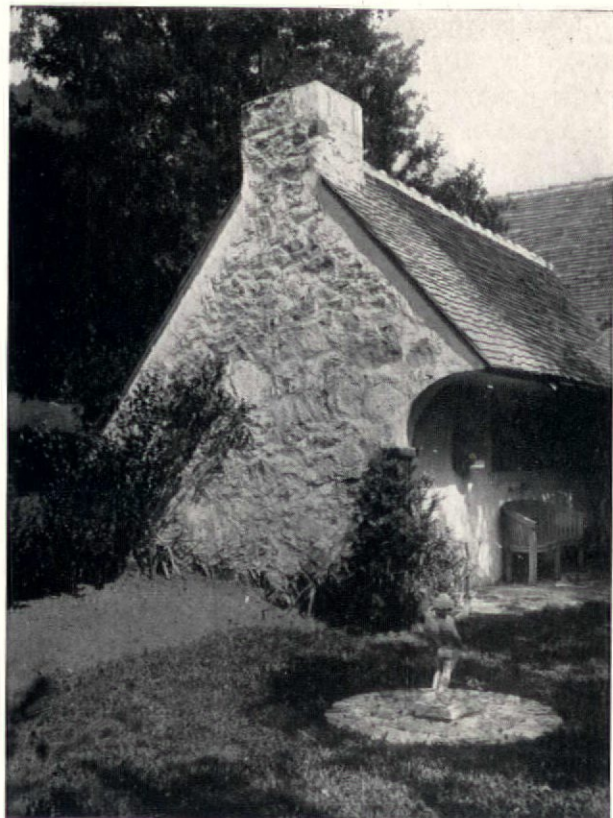
GARAGE ON ESTATE OF CARL SCHWEINLER, ESQ., WEST ORANGE, NEW JERSEY

Bernhardt E. Müller, Architect

The construction of this wall consists of a 10" rubblestone veneer laid very irregularly and flash jointed after completion of entire wall. The stone is a local field stone varying in scale from a 10" cobblestone to those of approx. 18" in dia. No sample wall was laid before proceeding as the texture of an existing building was used in lieu of same. After the masonry was complete it was allowed to season for two weeks and then was given two coats of U.S. Govt specification white wash mixed with "Minwax" and applied hot.



Photo by Van Anda



RESIDENCE OF H. PHILIP STAATS, ESQ., KENT, CONNECTICUT

H. Philip Staats, Architect

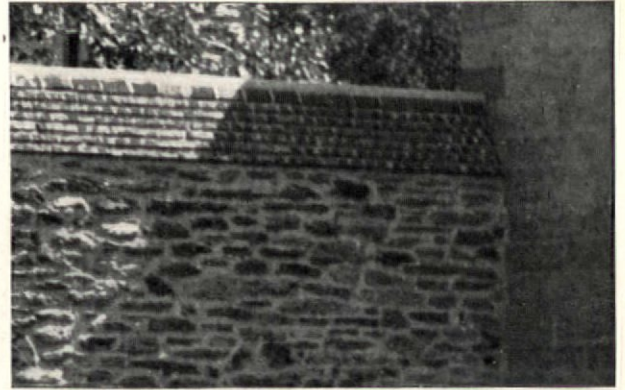
COMPARATIVE ARCHITECTURAL DETAILS—STONE TEXTURES



Photo by Rittase

RESIDENCE OF MELVILLE G. CURTIS, ESQ., BALA, PENNSYLVANIA

*Mellor and Meigs, Architects*



Stone derived from "Foxcroft" Quarries outside of Philadelphia. This is the stone of which many Philadelphia houses are built. It has a yellowish cast and the joints have a slightly lighter tone of yellow. The rubblestone wall in the garden and side of the house is laid in approx. 4" to 6" courses with joints slightly raked out. The dressed stone derived from the same quarry is laid in 6" to 9" courses with flat cut  $\frac{1}{2}$ " joints. Sample of stonework was laid before work proceeded & careful supervision given thereafter

Stone derived from local quarries. Color ranges from light grey to white. Laid in natural colored cement mortar with a wide flash joint. Separating the stones in the flat arches over windows are two pieces of bluestone 1" thick with a rough face laid in a 1" joint. A sample wall was laid up under the architect's close supervision before proceeding with the work. The majority of the stones run from 6" to 12" in size. The architect's selection of an unusually light stone and a black shingled roof go to make this a very attractive residence.



Photo by Weber

RESIDENCE OF HERMAN VAN FLEET, ESQ., GREENWICH, CONNECTICUT

*Eugene J. Lang, Architect*



COMPARATIVE ARCHITECTURAL DETAILS—STONE TEXTURES



Photo by Amemya

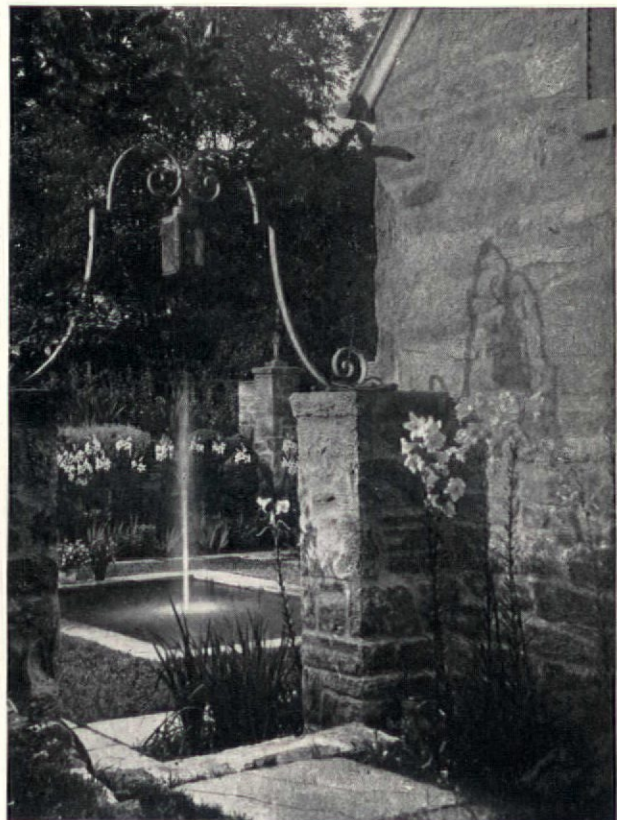
RESIDENCE OF S. A. SALVAGE, ESQ., GLEN HEAD, LONG ISLAND, NEW YORK

Roger H. Bullard, Architect



Indiana "Rustic-Buff" Limestone was specified by the architect for this wall. The majority of the stones were used with their natural faces as they come from the stone-yard—some were "scabbled" when the irregularities were too great—others with rock faces of  $\frac{1}{2}$  to  $\frac{3}{4}$  projection were employed in irregular courses. The trim was hand-cut—irregularities are noted on the surface as well as in the moulded members. Variety of stone sizes, finishes & color were decided by the architect at the stoneyard. Flash joint  $\frac{1}{2}$  to  $\frac{3}{4}$  used

Leiperville Quarries known for their supply of excellent stone curbing were surprised when the architect asked for the refuse from their stone curbing as the desired material for this wall. It is a softer surface stone frequently colored by water seepage varying from a light grey tone to a tawny buff. The stones are generally laid in their natural bed although not invariably so should the color of the stone & nature of its dimensions dictate a different laying. The pointing is struck practically flush along the eave lines and is slightly raked out close to the ground. The method by which the architect secured this wall was to specify a "good local stone laid and pointed in the most direct manner—Then, when the stone and mason contractor are on the "job" to spend sufficient time with both in order to determine what is the best combination for them. By sympathetic cooperation the architect has accomplished unusually good stonework without great effort of supervision by finding the most natural technique for both stone and mason.



"WYCHWOOD," ROSE VALLEY, PENNSYLVANIA

W. Pope Barney of the firm of Davis, Dunlap, and Barney, Architect



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**Set No. 6.** Safe Loads on Doug. Fir, Eastern and Sitka Spruce, and Norway Pine Joists; 1934 Automobile Dimensions; Croquet Courts; Hardwood Veneer Plywoods; Lacrosse Field; Old English Lettering; Safe Vertical Loads for Concrete Columns; Brick Patterns for Walks; Standard Nomenclature for Lumber (4 sheets); Kitchen Planning; Symbols for Solid Rolled Windows and Doors; Metal Toilet Partitions; Standard Swimming Pool Dimensions; Terrazzo Floors; Modern Lettering; School Seating Schemes; Slide Rule Operation; Basketball Courts; Lightning Protection; Concrete Sidewalks; Typical Office Building Unit.

**Set No. 7.** Contents; Oak Flooring Standards; Three-Centered Arch; Ice Hockey Rinks; Echo and Sound Foci; Barber Shop Plan; Drawing Materials; Jewish Alphabet; Electric Wiring Symbols; Sizes of Rugs and Carpets; Sound Foci; Essentials of Air Conditioning; Flooring Standards, Maple, Birch, and Beech; Insufficient Loudness; Wood Shingles; Approximate Duration of Architectural Periods; Reverberation; Chimney Construction; Passageway Headroom; Space-Saving Lavatories; 1935 Automobile Dimensions; Typical Elementary School Classroom; Stairway Headroom.

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