

UNIVERSITATIS CALIFORNENSIS
SCIENTIA FIDELITER SERVAT
MDCCCLXXXIII

EX LIBRIS

Digitized by the Internet Archive
in 2008 with funding from
Microsoft Corporation

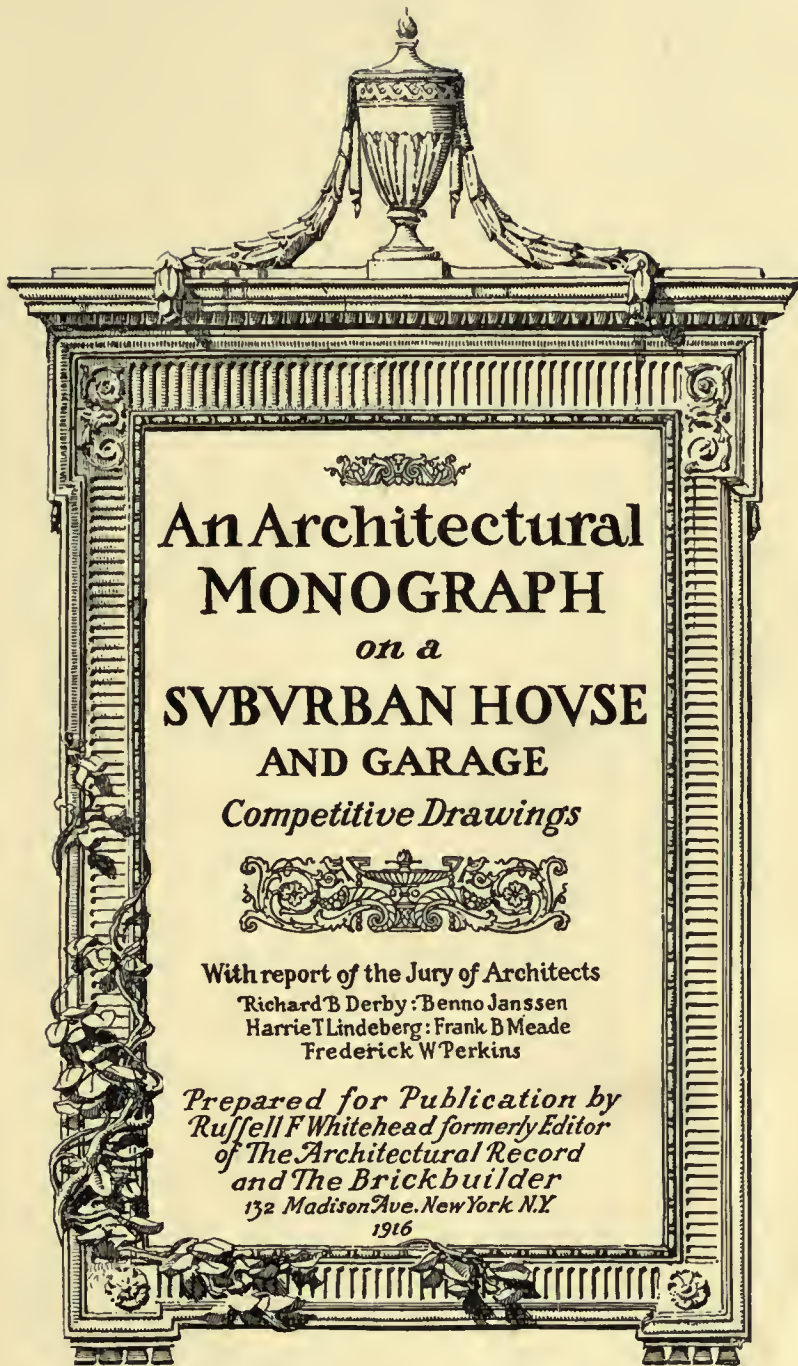
The
WHITE PINE
SERIES OF
Architectural Monographs
Volume II *Number 4*

**A SUBURBAN HOUSE
AND GARAGE**
To Cost Ten Thousand Dollars

With report of the Jury of Architects
~ Richard B Derby: Benno Janssen ~
Harrie T Lindeberg: Frank B Meade
Frederick W Perkins

Copyright, 1916
GEORGE F. LINDSAY, *Chairman*
WHITE PINE BUREAU
SAINT PAUL, MINNESOTA





An Architectural
MONOGRAPH

on a

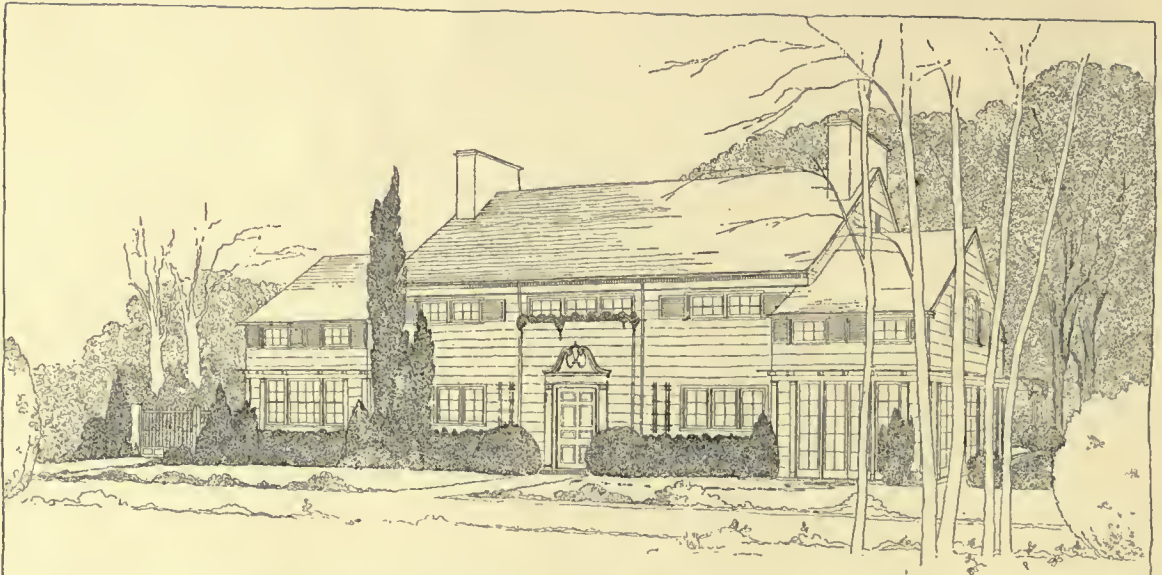
SUBURBAN HOUSE
AND GARAGE

Competitive Drawings

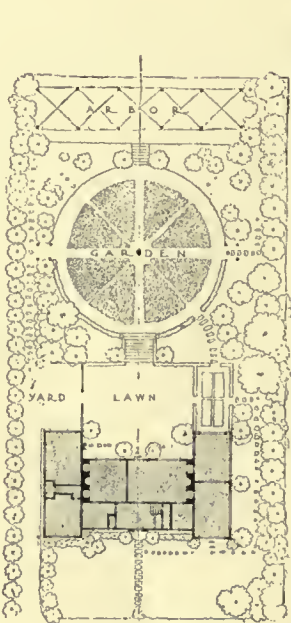
With report of the Jury of Architects

Richard B Derby: Benno Janssen
Harrie T Lindeberg: Frank B Meade
Frederick W Perkins

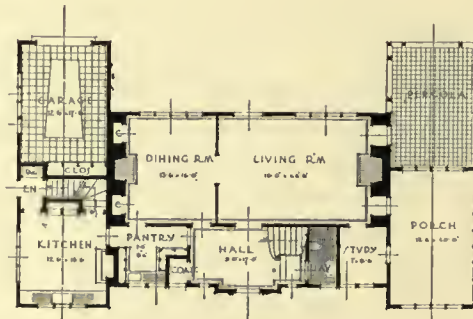
*Prepared for Publication by
Russell F Whitehead formerly Editor
of The Architectural Record
and The Brickbuilder
132 Madison Ave. New York N.Y.
1916*



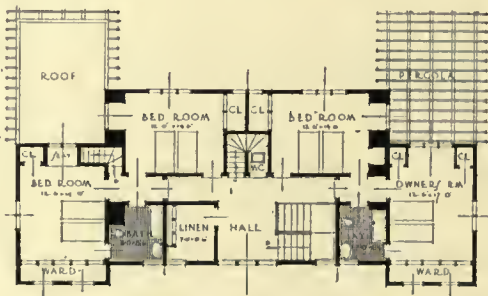
PERSPECTIVE VIEW OF ENTRANCE SIDE



PLOT PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN

DESIGN FOR
A SUBURBAN
HOUSE AND
GARAGE TO
BE BUILT OF
WHITE PINE

ESTIMATED COST	
MAIN HOUSE	34,398
BOTH WINGS (THE PORCH BEING FIGURED AT ITS FULL CUBAGE)	10,897
GARAGE	2,430
PERGOLA (FIGURED AT 1/4 ACTUAL CUBAGE)	608
TOTAL CUBAGE	48,333
ESTIMATED COST	20
TOTAL COST	\$ 9,666



FIRST PRIZE DESIGN

Submitted by R. S. Raymond and H. Brookman, New York, N. Y.

The WHITE PINE SERIES of ARCHITECTURAL MONOGRAPHS

A BI-MONTHLY PUBLICATION SUGGESTING THE
ARCHITECTURAL USES OF WHITE PINE AND ITS
AVAILABILITY TODAY AS A STRUCTURAL WOOD

Vol. II

AUGUST, 1916

No. 4

REPORT OF THE JURY OF AWARD

THE WHITE PINE ARCHITECTURAL COMPETITION FOR A SUBURBAN HOUSE AND GARAGE

Judged at the Biltmore Hotel, New York, May 12 and 13, 1916

THE PROBLEM: The subject is the design of a Suburban Residence with a Garage to accommodate one car, both to be built of wood, the outside finish, consisting of siding and corner boards; window sash, frames and casings; outside doors, door frames and casings; outside blinds; all exposed porch and balcony lumber; cornice boards, brackets, ornaments and moldings; and any other outside finish lumber—not including shingles—to be built of White Pine. The house is to be located on a rectangular lot with a frontage on the highway of 100 ft. and 200 ft. deep, the Northerly end of the lot facing the highway. Running South from the highway for a distance of 50 ft. the lot is approximately level, but from this point takes a 10% grade to the South. There is facing the South an unobstructed river view. It is assumed that the adjacent lots are of similar dimensions and that a restriction covering all this block provides that no house be erected nearer than 30 feet from the highway property line. The architectural style, plan arrangement, gardens, and the location of the house and garage upon the lot, are left to the designer. Provisions should be made for a living-room, dining-room, kitchen, pantry, laundry, four master's rooms and two baths, and one maid's room with toilet, and should also include a piazza. The total cubage of the house, garage, and porches must not exceed 50,000 cubic feet, and for the purpose of this Competition the price per cubic foot is set at 20 cents, this being the estimated cost at which houses of the type specified can be built in almost every part of the country.

THE problem proposed seems to have been particularly interesting to the competitors if the number and excellence of the submitted designs may bear testimony. There were three hundred and sixty-six contestants and when the *nom de plume* envelopes were opened they disclosed the names, not only of leading designers and draughtsmen the country over, but of principals whose names are by-words in connection with residence architecture.

The very precise and clear conditions and requirements given in the program left no doubt as to the intention of its author, who wished above all to present a definite problem, which while it gave all possible variety in scope and treatment was still governed by specific conditions so that the judges might consider the various plan solutions upon an exact parity. It was considered unjust to permit the contestant to assume his own points of the compass and different grade relations. It is interesting to note that even when the contestants were restricted to exactly one problem a wide variety of plans were developed.

Your jury in making the awards based their judgment, as prescribed by the program of the

competition, upon the effect of the design as a whole, its appropriateness to the given site, the degree of ingenuity shown in the plans; and the fitness of the design to express the wood-built house. The drawings, however, were considered not alone from the design point of view but rather design combined with the requirements of a good, common-sense, livable house, and the jury at all times endeavored to balance their ideas between the artistic and the practical.

After carefully considering all the designs submitted, the judges agreed upon about one hundred from which to select the four prize and six mention drawings. This next task proved much more difficult than the first step and consumed the better part of two days. Designs which exceeded the prescribed cubage were of course eliminated from consideration as well as those which, for some reason or another, failed of uniform excellence. Either the plan was weak or the competitor failed to regard his house as a suburban dwelling built upon a lot with improved property on either side. Then, too, there were designs which were distinctly country house in type and therefore unsuitable for a suburban district where the close building

on adjoining property would ruin their livableness. There were many schemes which, although they came within the cubage, were obviously too pretentious to be built for anywhere near the prescribed cost. All these defects were carefully analyzed and regretfully taken into consideration in eliminating the designs.

While the prize drawings and those admitted to mention are each most creditable to the authors, none were without faults and the object of this report is to give constructive criticism as well as praise.

FIRST PRIZE. The requirements of the program were met in a most direct manner, the general plan allowing of ample space both to the east and the west, an important consideration especially in a comparatively narrow lot if the house is to feel the freedom the location suggests, and taking full advantage of the exposure to the south. The plan is excellent, giving liberal space on the first floor, indoors and out.

Every room of importance has a southerly exposure. A feature of the second floor plan is that each bedroom has two exposures and that the four rooms connect directly with baths, with possible privacy for the owner. The position of the stairs to the attic is unfortunate, making it necessary to pass through the main second floor hall to reach them from the back stairs. This, however, in a small house of this type is not of great importance.

The exterior speaks of its material—wood. The design is simple in form and construction and most frankly expressed the Ten Thousand Dollar house. The jury was particularly pleased with the presentation of the design and the beauty of the detail. The garage is nicely isolated by service yard fence and would not interfere with the morning sun.

SECOND PRIZE. The design is most excellent, particularly the north elevation, and the details show great refinement and a feeling for beautiful proportion. Here again the exterior is unquestionably wood, with the exception of the entrance door, which suggests stone rather than wood. The house is well placed on the lot, with possible criticism of the garage so near the side line. It was thought that the design was too pretentious in feeling for the prescribed cost. The plan is very livable but not as thoughtful and as well arranged as the first prize. The porch and balcony arrangement is admirable. It is to be regretted that the author took two corners on the second floor for maid's room and one for closet. The matter of opening study into porch is optional and has advantages and faults either way, equally true of opening bed-

room over study on to balcony. There is no entrance to attic.

THIRD PRIZE. This house has a very charming exterior of good wood design. The street elevation is much more interesting, however, than the garden elevation and the house takes up too much width of the lot. The garage is also placed too near the property line. The plan is well arranged on the first floor but noticeably lacking of cross draft in bedrooms on the second floor. Only two of the master's bedrooms face to the south, and only one of these has two exposures. Making a passage of the child's room from the maid's room to front hall is questionable. No means of getting to the attic, where much storage space is available, has been provided.

FOURTH PRIZE. The exterior of the house shows a marked appreciation of good wood detail, and is altogether very finely done. The position on the lot may be criticized as it forces the garage to the front. The garage is not successfully placed in relation to the house, and in design is ordinary and far below the standard of the house. The sloping roof to the south, although charming exteriorly, was done at the expense of the bedrooms. The plan of the first floor is good,—the wide opposite openings from hall into dining-room and living-room are, however, noticeably bad features, spoiling the privacy of a good room. The second floor suffered by the use of only three dormers, the practical solution perhaps calling for a sacrifice on the exterior. Cross draft is lacking in all bedrooms, with only one dormer in each. There is no stairway to attic, where much room is available.

MENTIONS. The six drawings are presented as of equal merit. They are of a high standard of excellence, but from a practical standpoint were not considered as good as the prize designs. No attempt was made to place them in any sort of order.

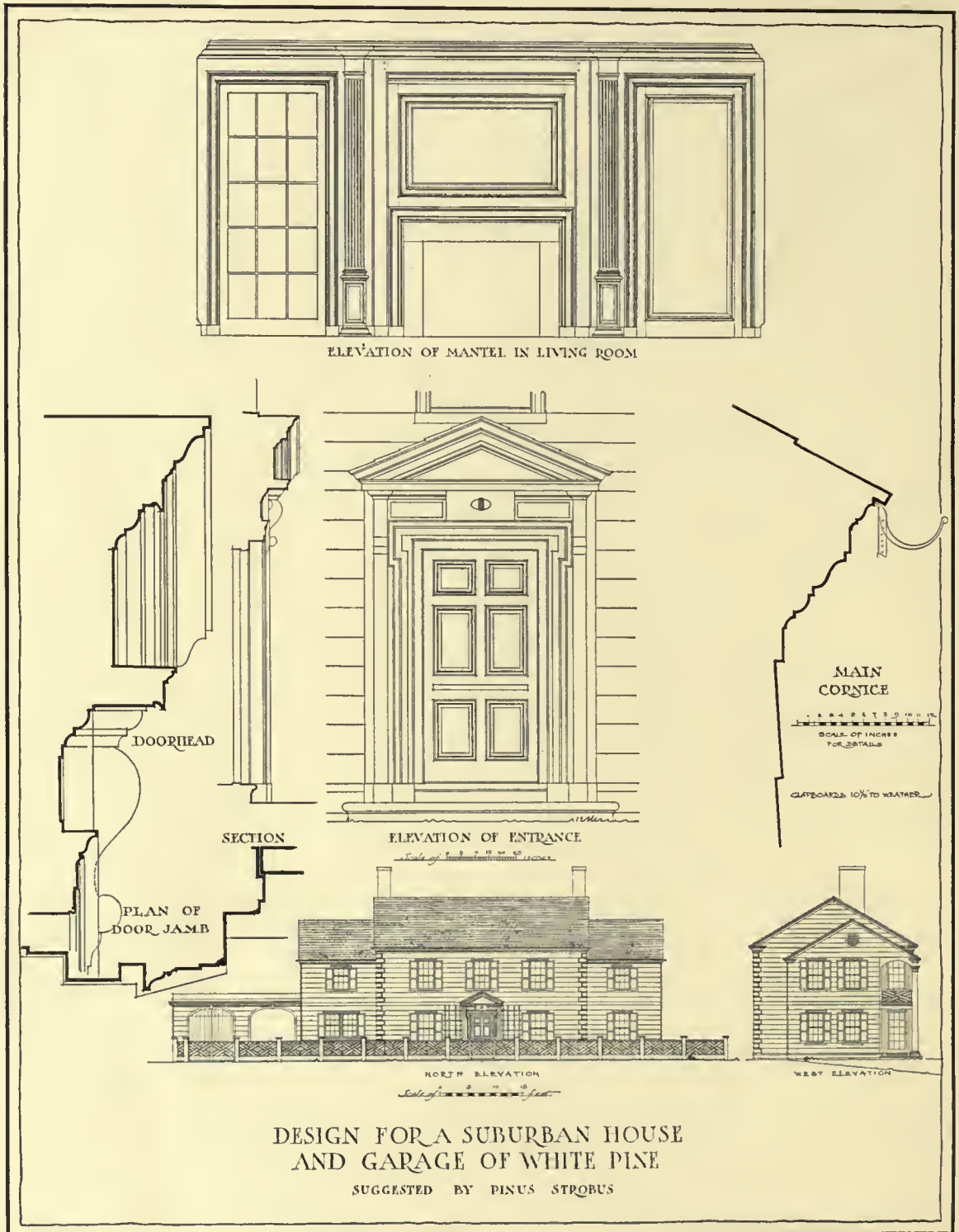
It is the opinion of your jury that the contestants in the White Pine Architectural Competition are to be congratulated on the thought which they gave to their work. It was very satisfactory to the jury to be privileged to consider so many designs of unquestionable architectural quality and superb draughtsmanship. There must be a personal benefit to be derived by the care and time which each one gave to the consideration of the problem and the material in which it was to be executed.

RICHARD B. DERBY	} <i>Jury of Award</i>
BENNO JANSSEN	
HARRIE T. LINDEBERG	
FRANK B. MEADE	
FREDERICK W. PERKINS	



FIRST PRIZE DESIGN, Detail Sheet

Submitted by R. S. Raymond and H. Brookman, New York, N. Y.



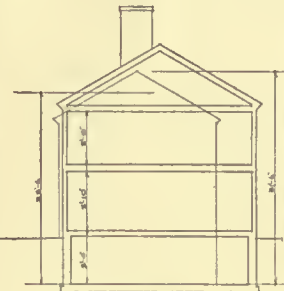
SECOND PRIZE DESIGN, Detail Sheet
Submitted by Alfred Cookman Cass, New York, N. Y.



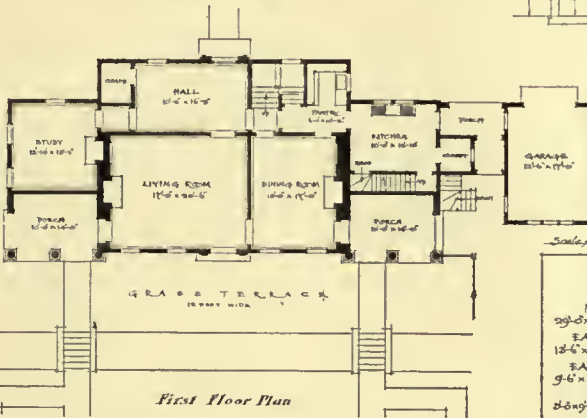
Porch Plan
Scale of 1/4" = 1'-0"



Second Floor Plan



Key Section



First Floor Plan

Scale 1/8" = 1'-0"

**DESIGN FOR A SUBURBAN HOUSE
AND GARAGE OF WHITE PINE**

SUGGESTED BY PINUS STROBUS

CUBAGE	
MAIN BUILDING	2448
EAST AND WEST WINGS	1102
EAST AND WEST PORCHES	122
KITCHEN PORCH	80
KITCHEN CLOSET	88
GARAGE	261
TOTAL CUBIC FEET	4901

SECOND PRIZE DESIGN

Submitted by Alfred Cookman Cass, New York, N. Y.

Architectural drawing showing an entrance detail with a door and decorative elements. The drawing includes labels for 'MAIN CORNICE PROFILE.', 'ENTRANCE CORNICE PROFILE.', 'LIVING ROOM CORNICE PROFILE.', and 'MANTEL SHELF PROFILE.'. Below the entrance detail is the 'ELEVATION OF FIRE-PLACE. SIDE OF LIVING ROOM.' The drawing also includes an 'END ELEVATION', 'GARDEN ELEVATION', and 'KEY CROSS SECTION' of the house and garage.

ENTRANCE DETAIL

ELEVATION OF FIRE-PLACE. SIDE OF LIVING ROOM.

• END • ELEVATION • • GARDEN • ELEVATION • • KEY • CROSS • SECTION •

SCALES •

FOR ELEVATIONS

FOR PROFILES

FOR DETAILS

SUBMITTED BY

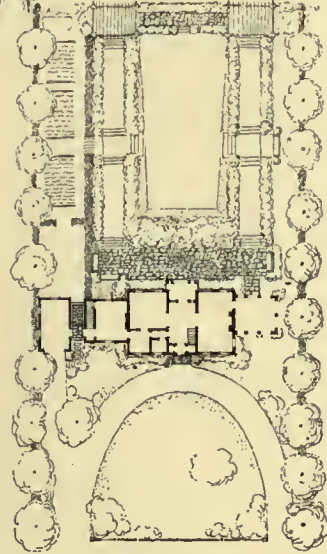
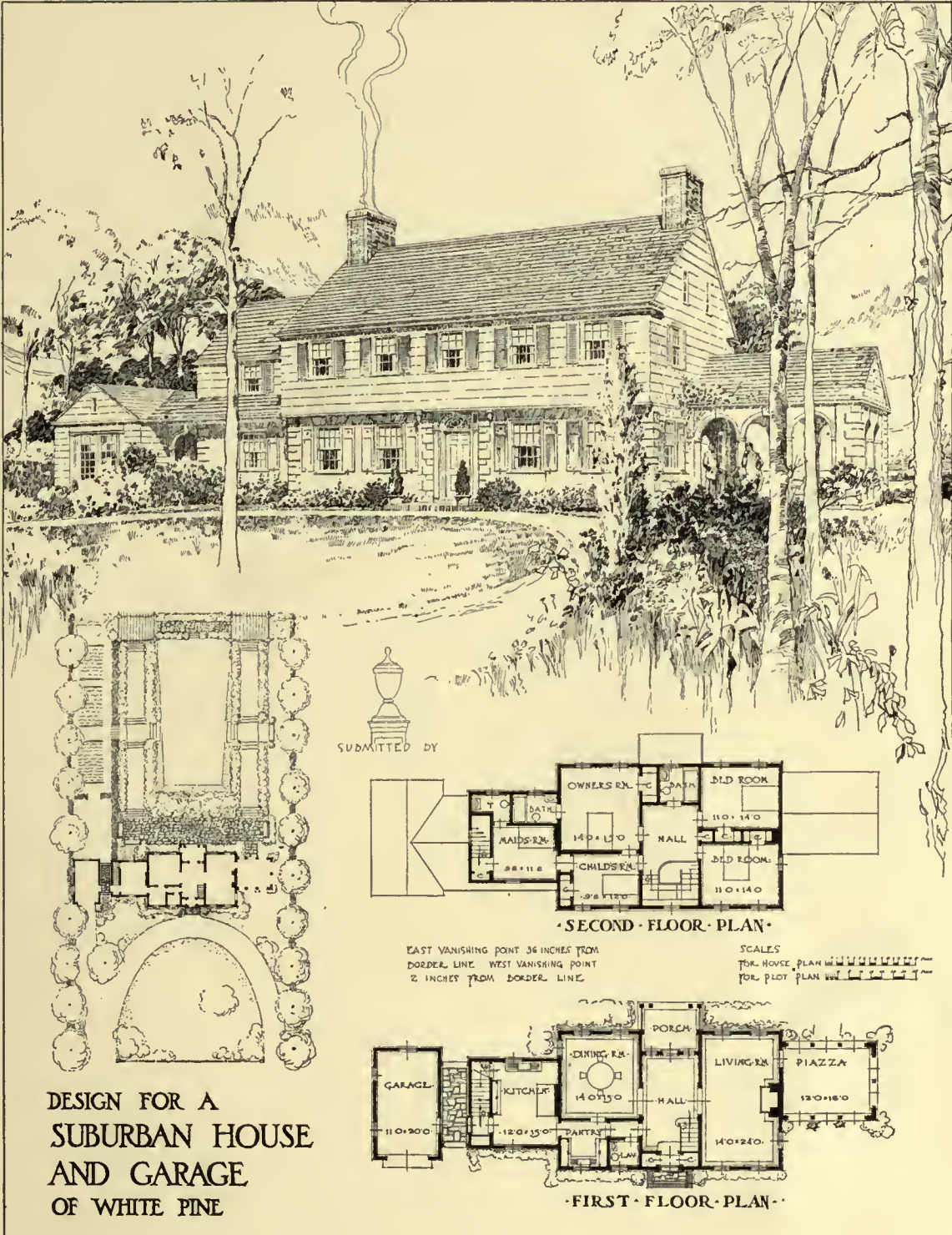
DESIGN FOR A
SUBURBAN HOUSE
AND GARAGE
OF WHITE PINE

CUBAGE

MAIN HOUSE	33,000
WING	7,168
PORCHES	1242
GARAGE	3,600
TOTAL	45,010

THIRD PRIZE DESIGN, Detail Sheet

Submitted by Lewis Welsh and J. Floyd Yewell, New York, N. Y.



DESIGN FOR A
SUBURBAN HOUSE
AND GARAGE
OF WHITE PINE

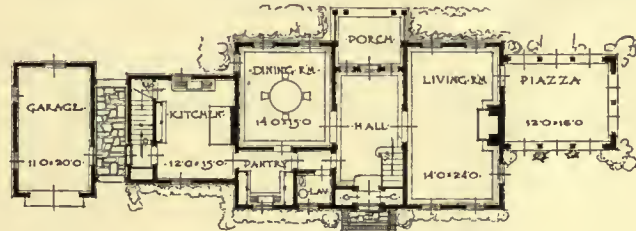
SUBMITTED BY



SECOND FLOOR PLAN

EAST VANISHING POINT 36 INCHES FROM
DORDER LINE WEST VANISHING POINT
2 INCHES FROM DORDER LINE

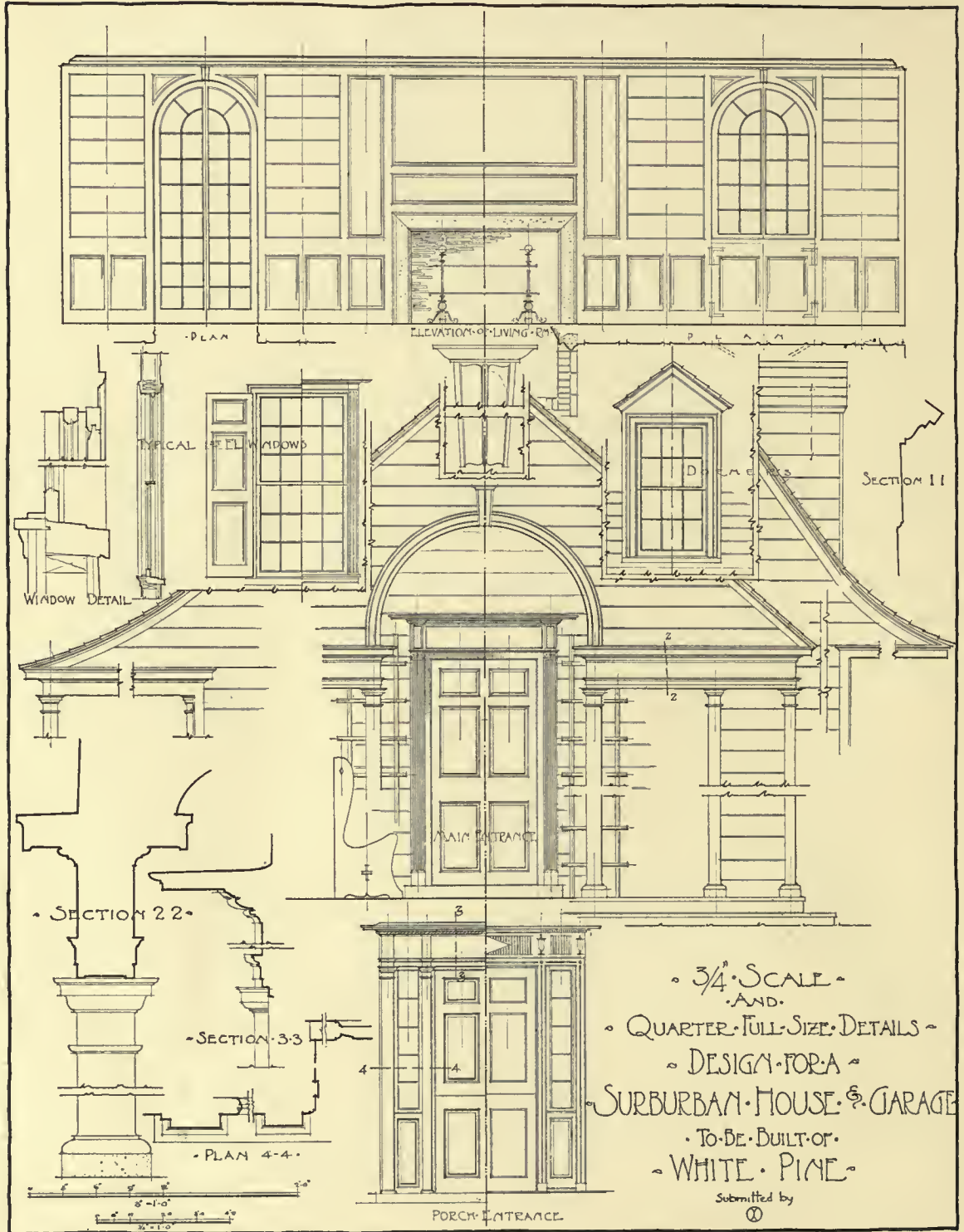
SCALES
FOR HOUSE PLAN 1/8" = 1'-0"
FOR PLOT PLAN 1/4" = 1'-0"



FIRST FLOOR PLAN

THIRD PRIZE DESIGN

Submitted by Lewis Welsh and J. Floyd Yewell, New York, N. Y.



FOURTH PRIZE DESIGN, Detail Sheet

Submitted by R. J. Wadsworth, Philadelphia, Pa.

DESIGN
 FOR A
 SUBURBAN HOUSE
 &
 GARAGE
 TO BE BUILT OF
 WHITE PINE

The architectural drawing set includes the following components:

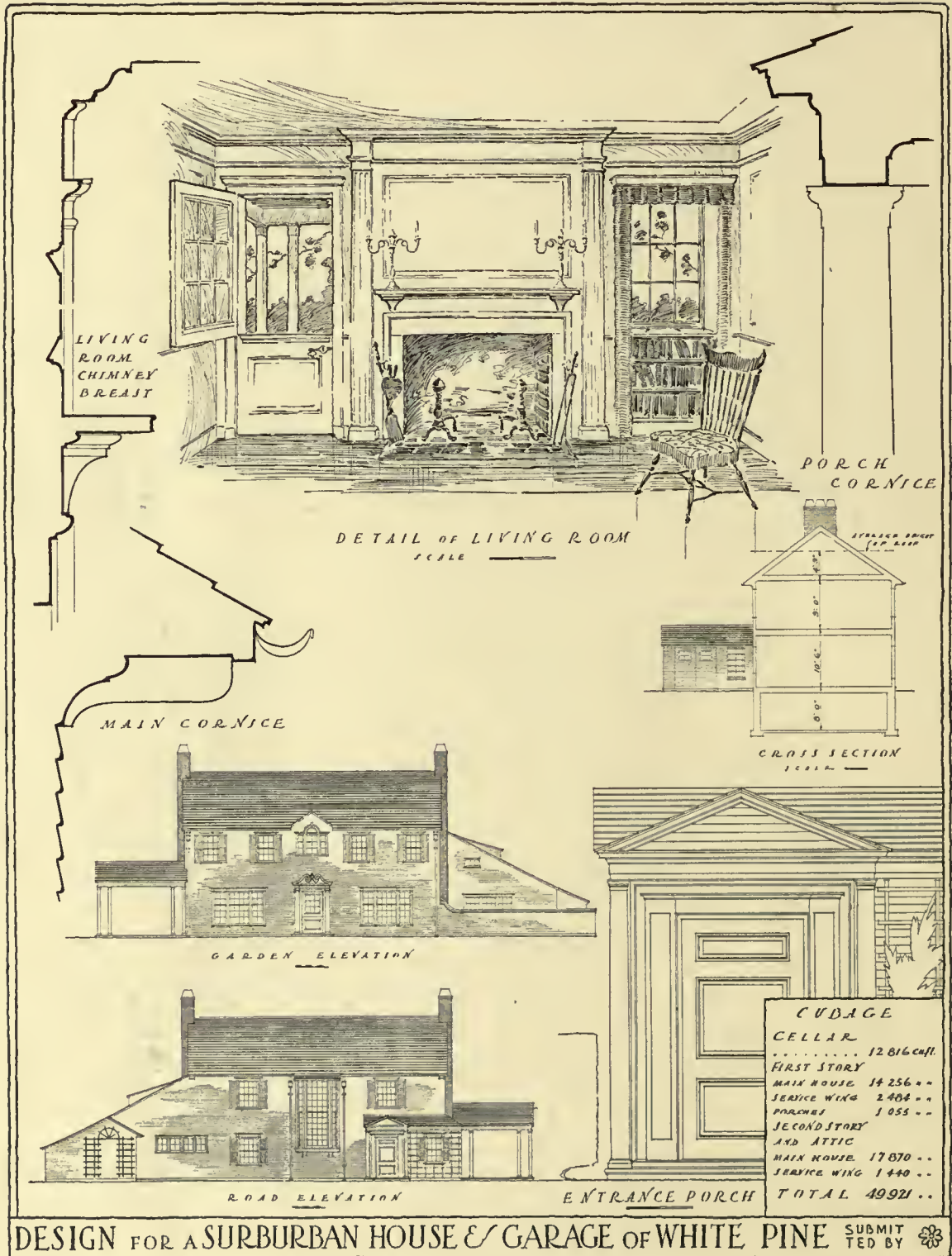
- Top Left:** A detailed floor plan of the main house, showing a living room (14' x 17'), dining room (14' x 17'), kitchen (12' x 18'), two bedrooms (10' x 12' and 10' x 14'), a bathroom, a central hall, a porch, a stone fireplace, and a fireplace.
- Bottom Left:** A floor plan of the garage, showing a main building (15' x 12'), a porch (15' x 12'), and a driveway.
- Center:** A perspective illustration of the house and garage, showing the exterior with a gabled roof, dormer windows, and a porch. The house is surrounded by trees and landscaping.
- Right Side:** Two elevation drawings: a 'FRONT ELEVATION' showing the main facade with a central entrance and a porch, and an 'END ELEVATION' showing the side profile of the house with a gabled roof.
- Bottom Right:** A 'SECTION' drawing showing a vertical cut through the house, illustrating the roof structure, floor levels, and interior spaces.

CUBAGE

Main Building	15096
Garage	1824
End Porch	174
Long Porch	160
Laundry Porch	150
Garage	1824
Total	4598 cu ft

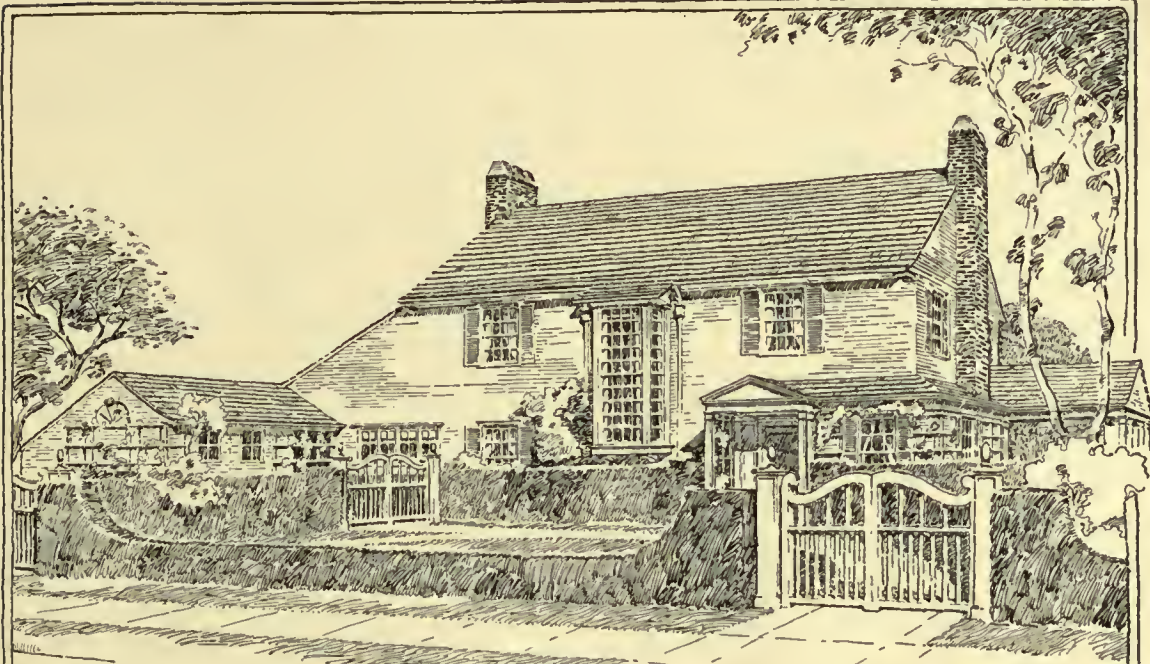
Submitted by:

FOURTH PRIZE DESIGN
 Submitted by R. J. Wadsworth, Philadelphia, Pa.

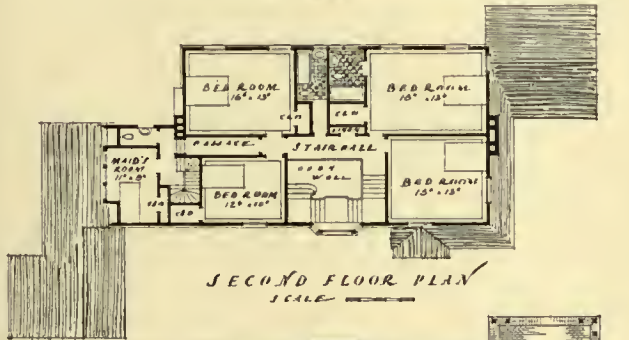


DESIGN FOR A SUBURBAN HOUSE & GARAGE OF WHITE PINE SUBMITTED BY

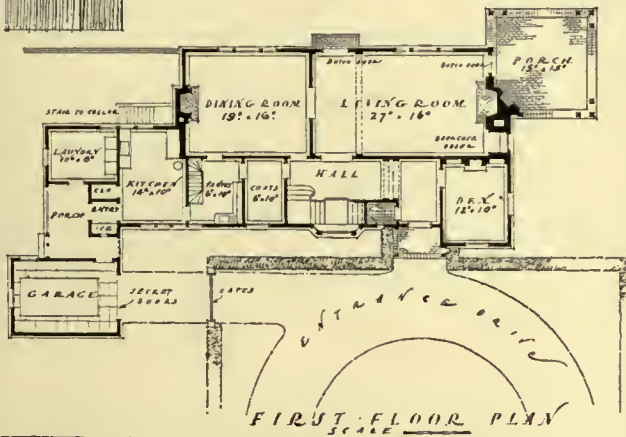
MENTION DESIGN, Detail Sheet
Submitted by C. M. Foster and W. M. Smith, New York, N. Y.



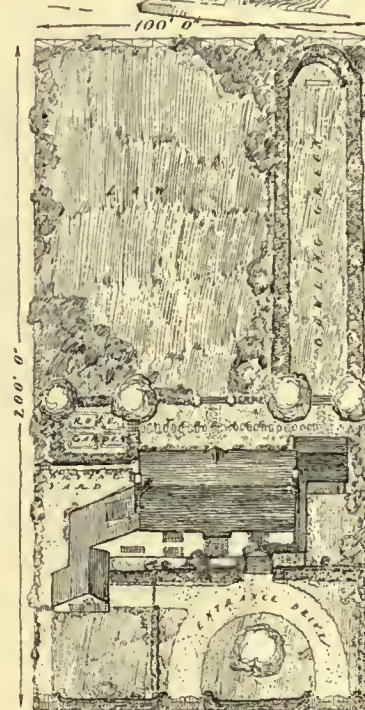
PERSPECTIVE
SCALE AT NEAR CORNER



SECOND FLOOR PLAN
SCALE



FIRST FLOOR PLAN
SCALE

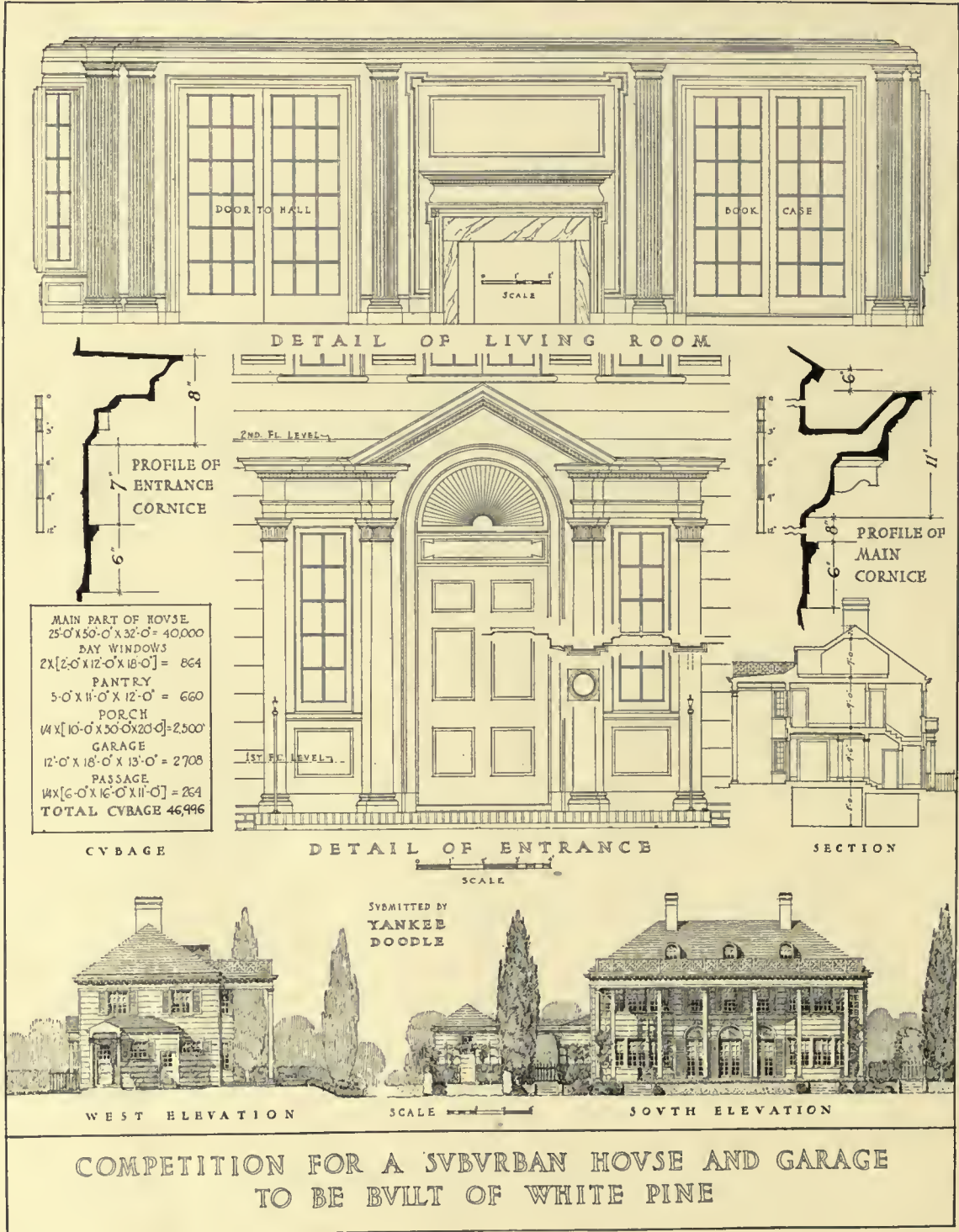


PLOT PLAN
SCALE

DESIGN FOR A SUBURBAN HOUSE & GARAGE OF WHITE PINE SUBMITTED BY

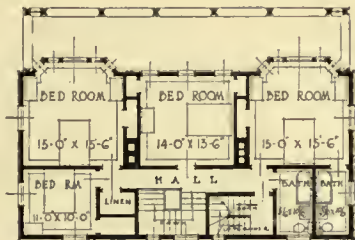
MENTION DESIGN

Submitted by C. M. Foster and W. M. Smith, New York, N. Y.

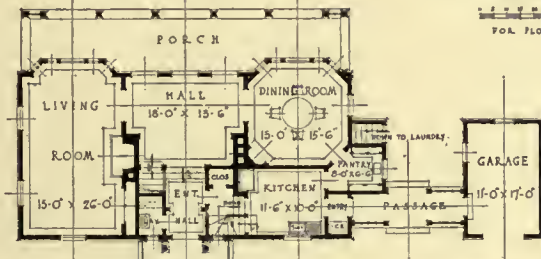


MENTION DESIGN, Detail Sheet

Submitted by J. Ivan Dise, New York, N. Y.



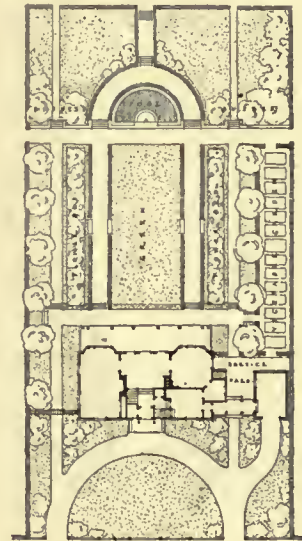
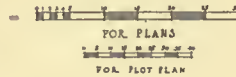
SECOND FLOOR PLAN



FIRST FLOOR PLAN

SUBMITTED BY
**YANKEE
 DOODLE**
 MAY 1, 1916.

GRAPHIC SCALES

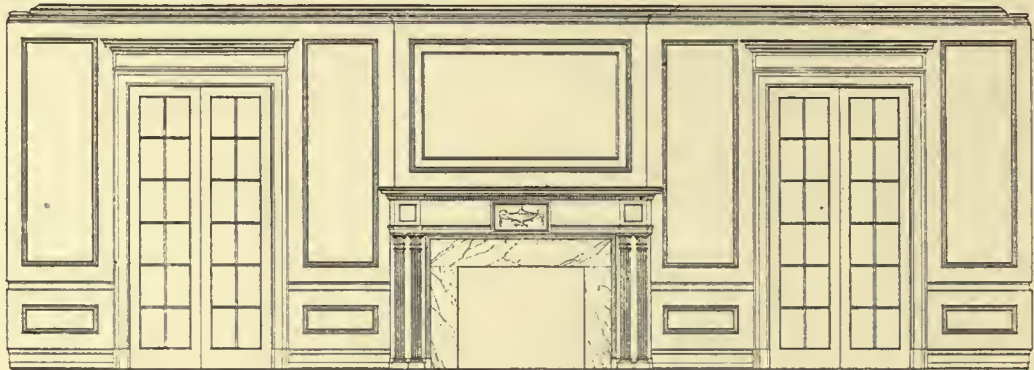


PLOT PLAN

COMPETITION FOR A SUBURBAN HOUSE AND GARAGE
 TO BE BUILT OF WHITE PINE

MENTION DESIGN

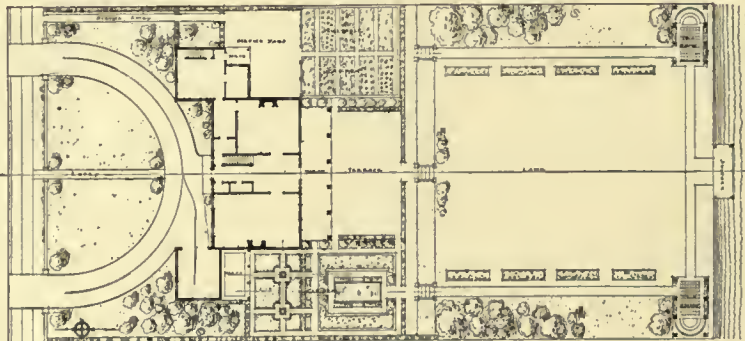
Submitted by J. Ivan Dize, New York, N. Y.



Living Room

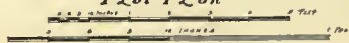


Entrance Door



Plot Plan

Sheet No 2



Submitted by?

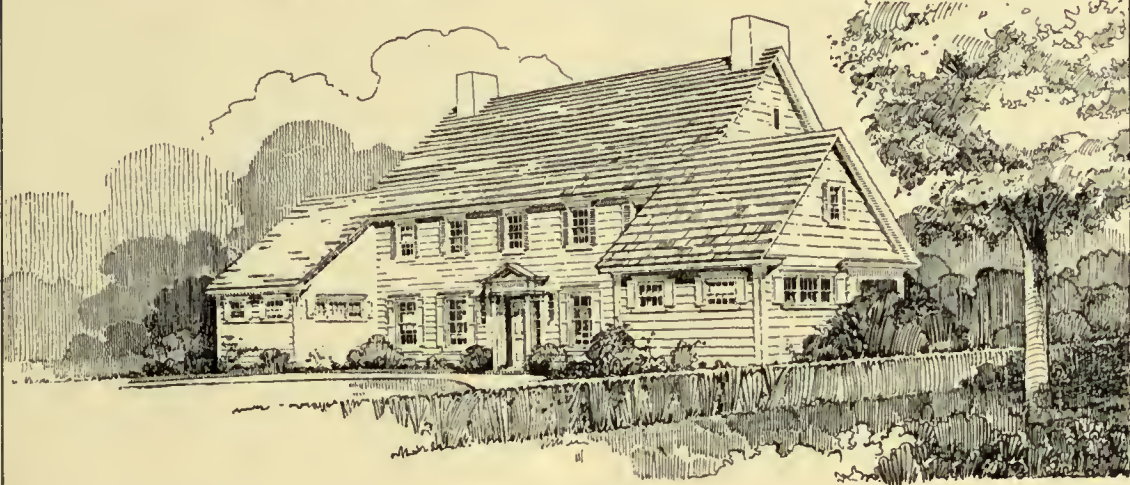
MENTION DESIGN, Detail Sheet
Submitted by Conrad A. Albrizio, New York, N. Y.



Garden Elevation



Side Elevation

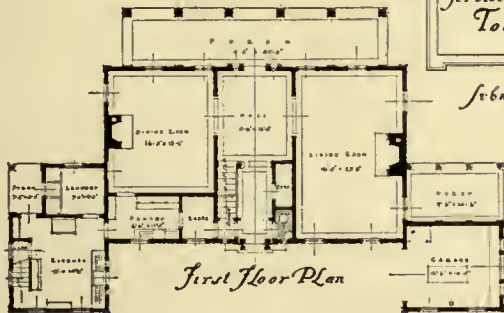


DESIGN
For
A SUBURBAN HOUSE

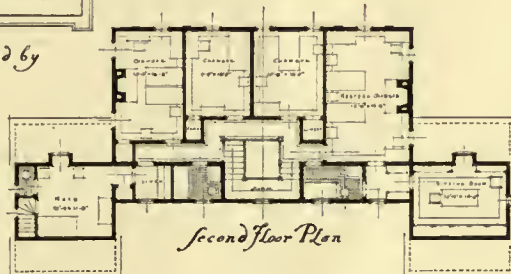
~ General Contents ~

Main Part	32,893	sq ft
Service Wing	4,327	"
Garage	3,030	"
Main Porch	1,665	"
Living Rm.	464	"
Service Porch	140	"
Total	42,579	"

AND GARAGE
of
WHITE PINE



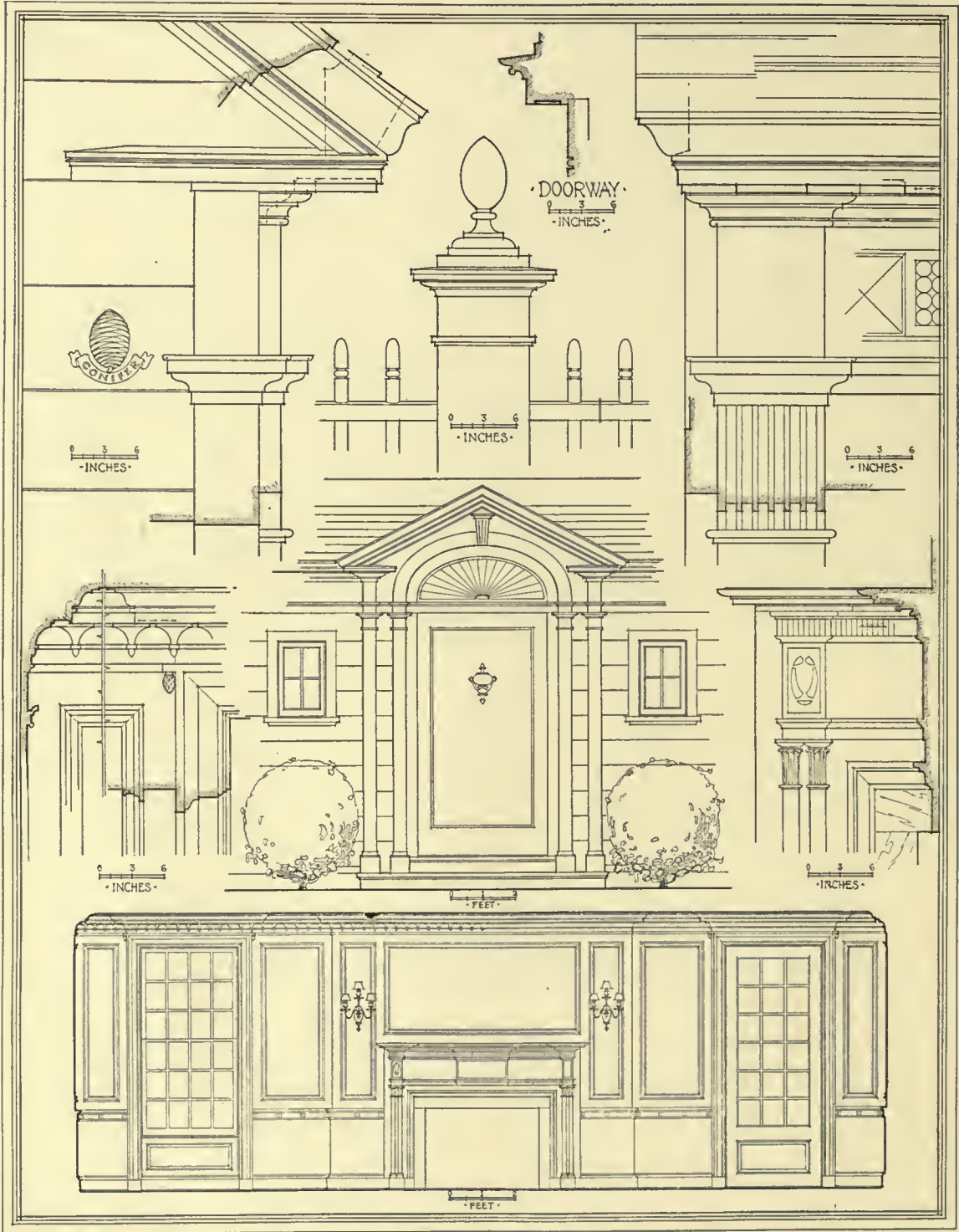
Submitted by
?



ALL DIMENSIONS IN FEET

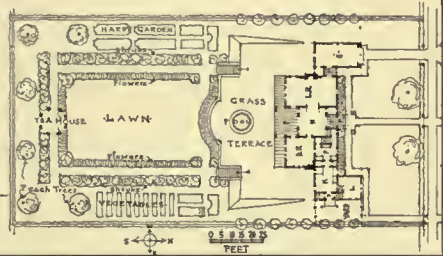
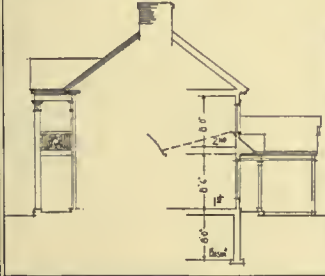
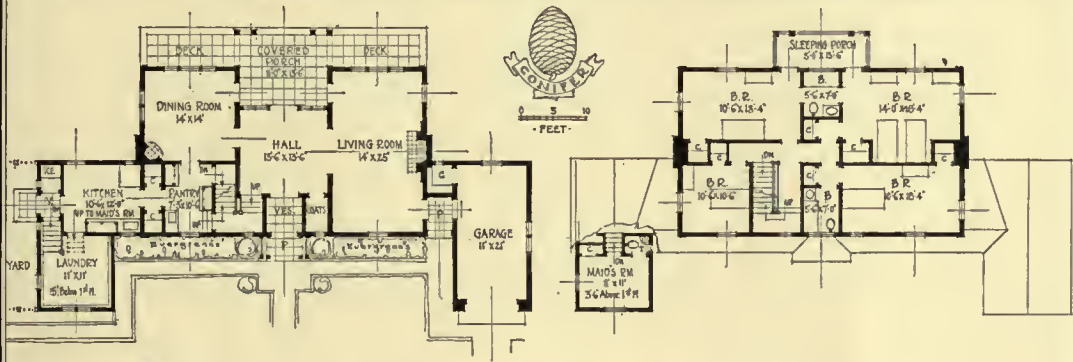
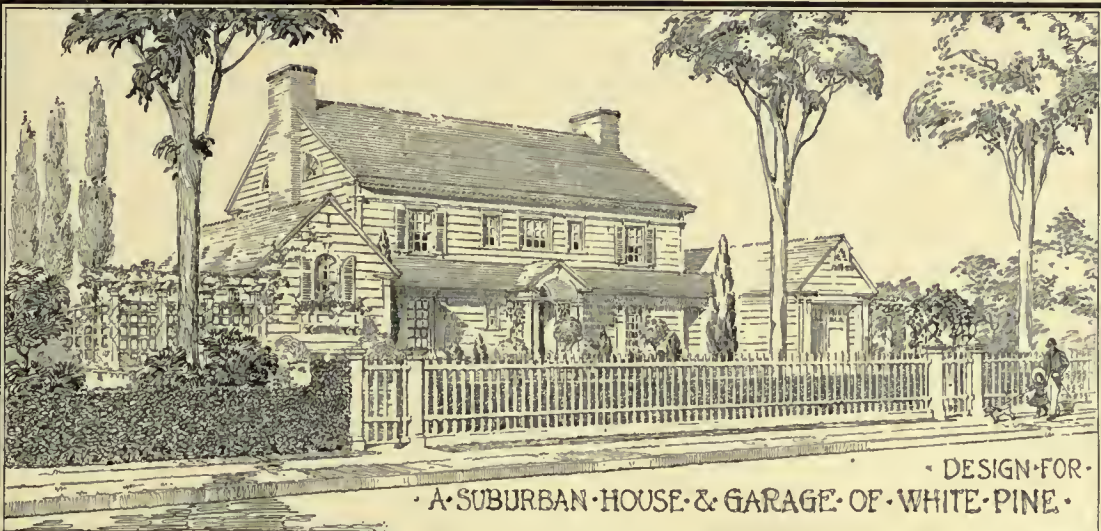
MENTION DESIGN

Submitted by Conrad A. Albrizio, New York, N. Y



MENTION DESIGN, Detail Sheet

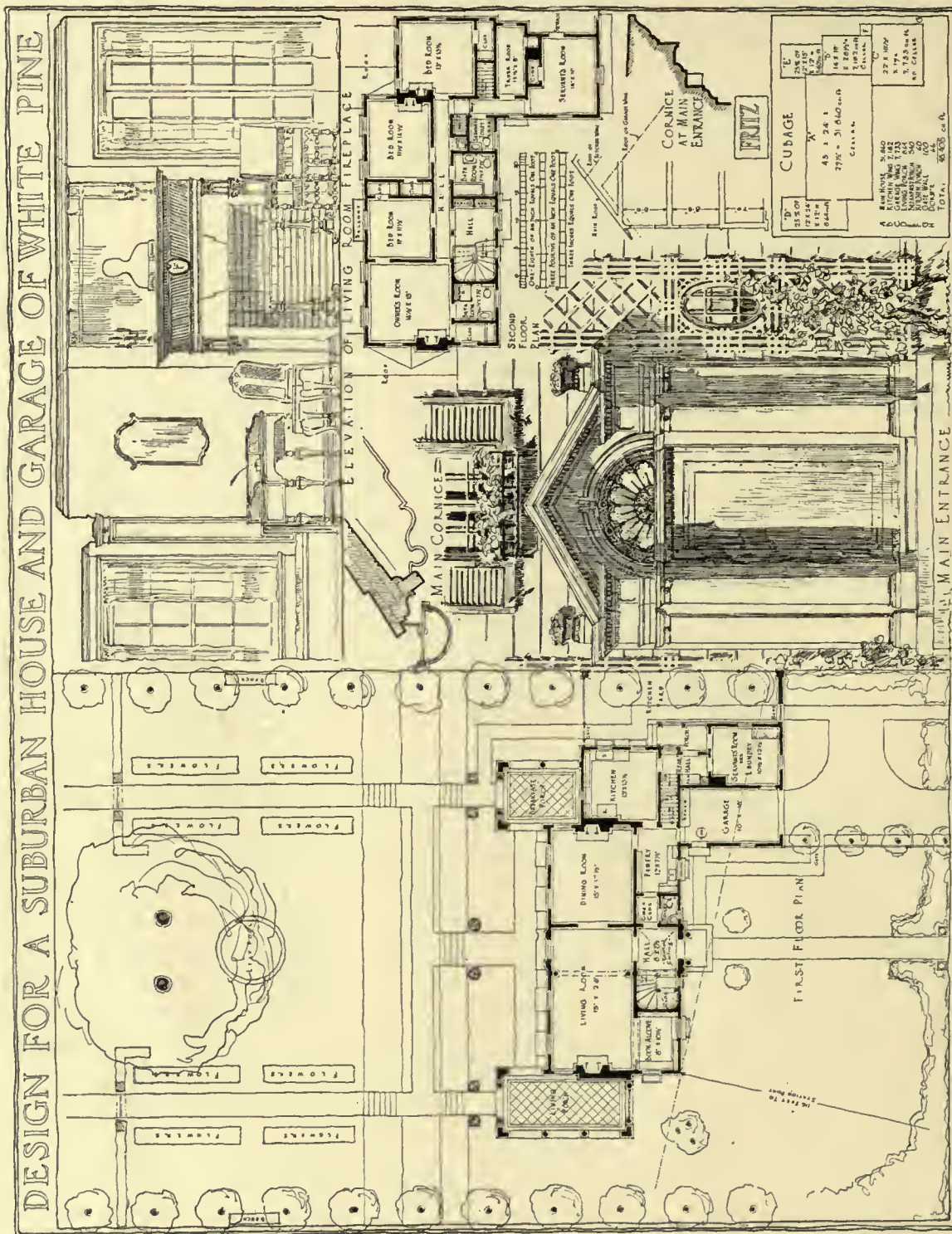
Submitted by John A. Tompkins and Harry Brodsky, New York, N. Y.



BODY	36245
SQ. PORCH	472
ENTRANCE PORCH	75
KIT WING	4943
GARAGE WING	3752
CHIMNEYS	400
TOTAL	45887

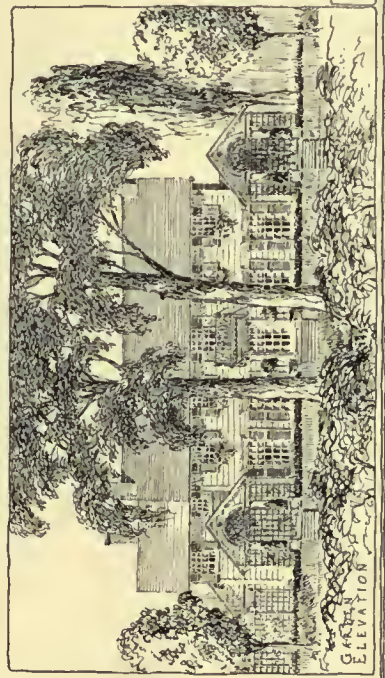
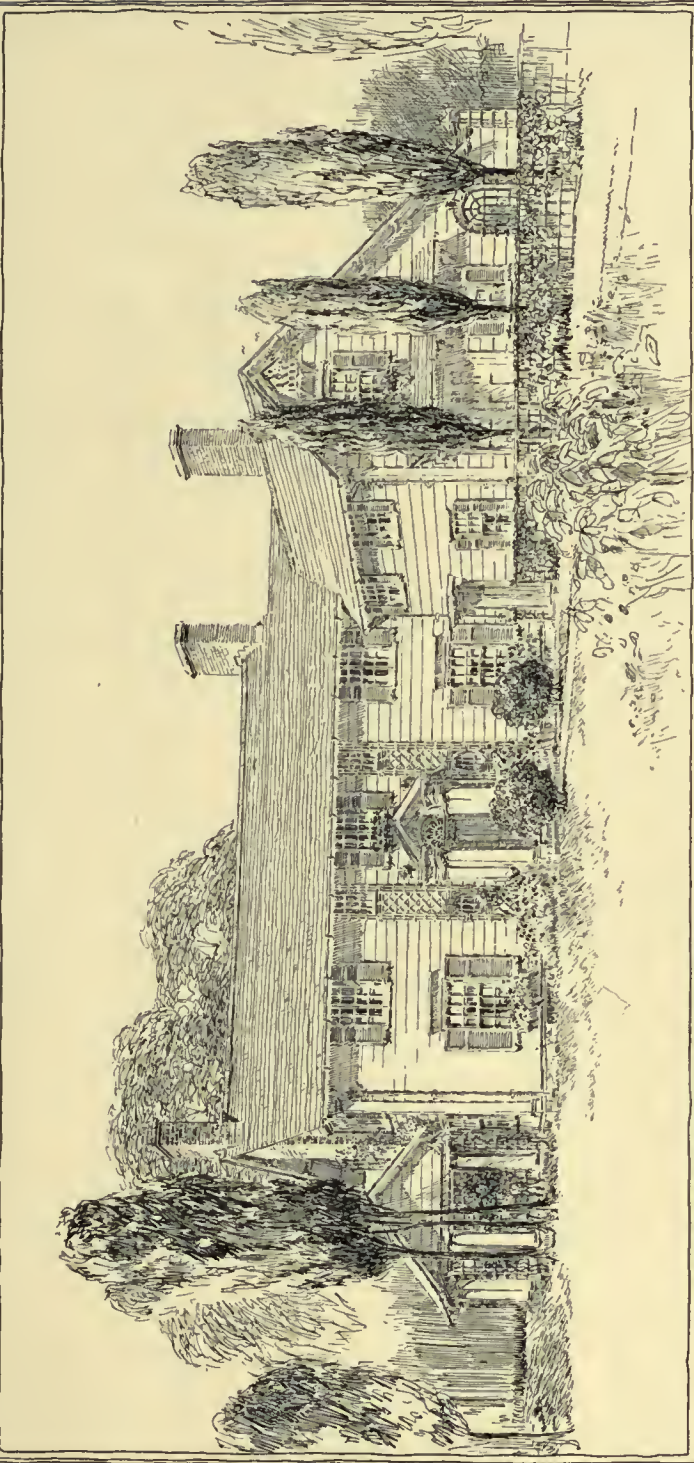
MENTION DESIGN

Submitted by John A. Tompkins and Harry Brodsky, New York, N. Y.

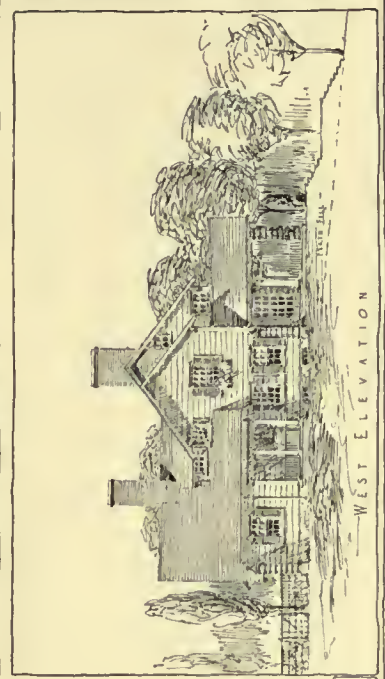


MENTION DESIGN, Detail Sheet
 Submitted by Charles Sumner Schneider, Cleveland, Ohio

DESIGN FOR A SUBURBAN HOUSE AND GARAGE OF WHITE PINE



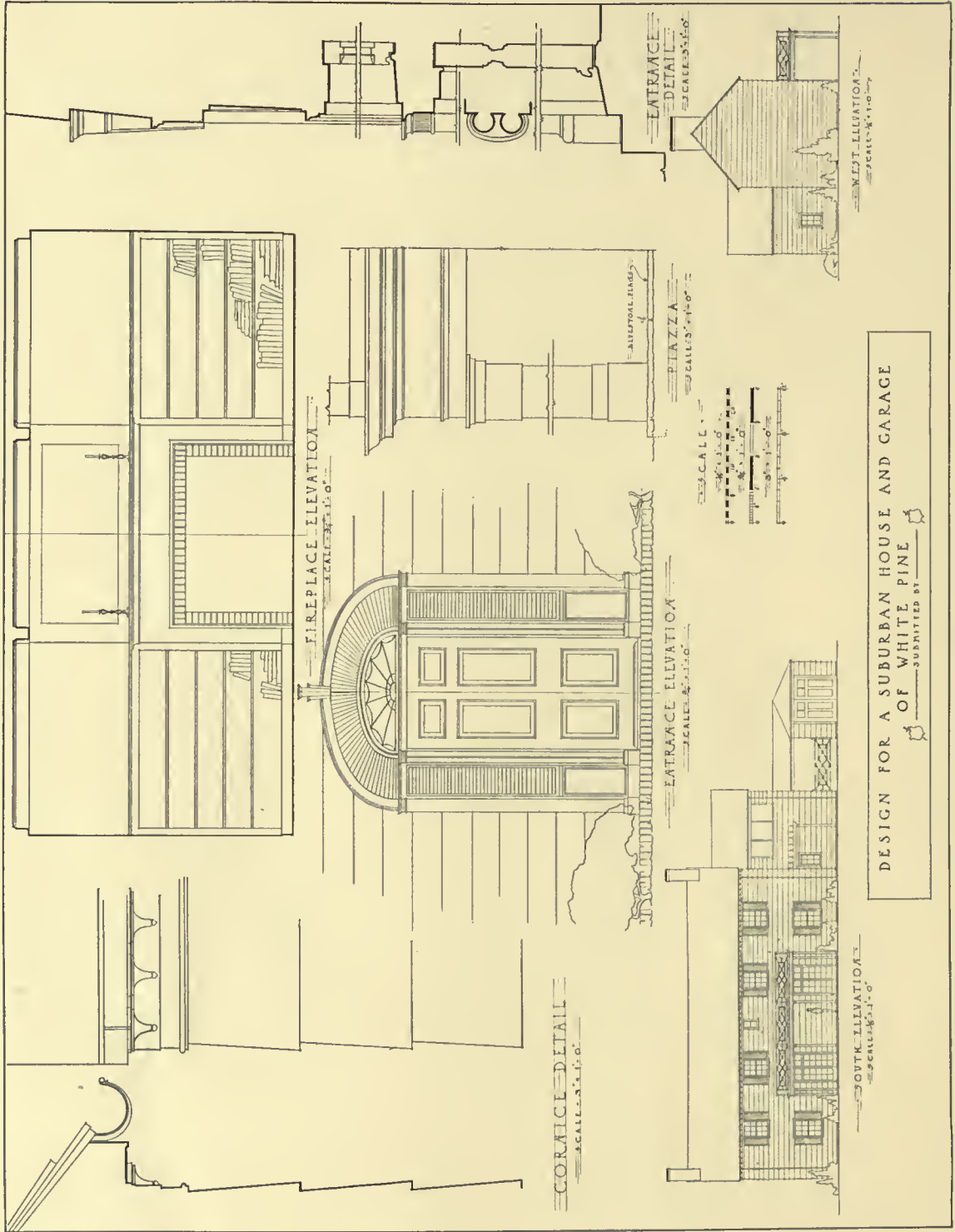
GARDEN ELEVATION



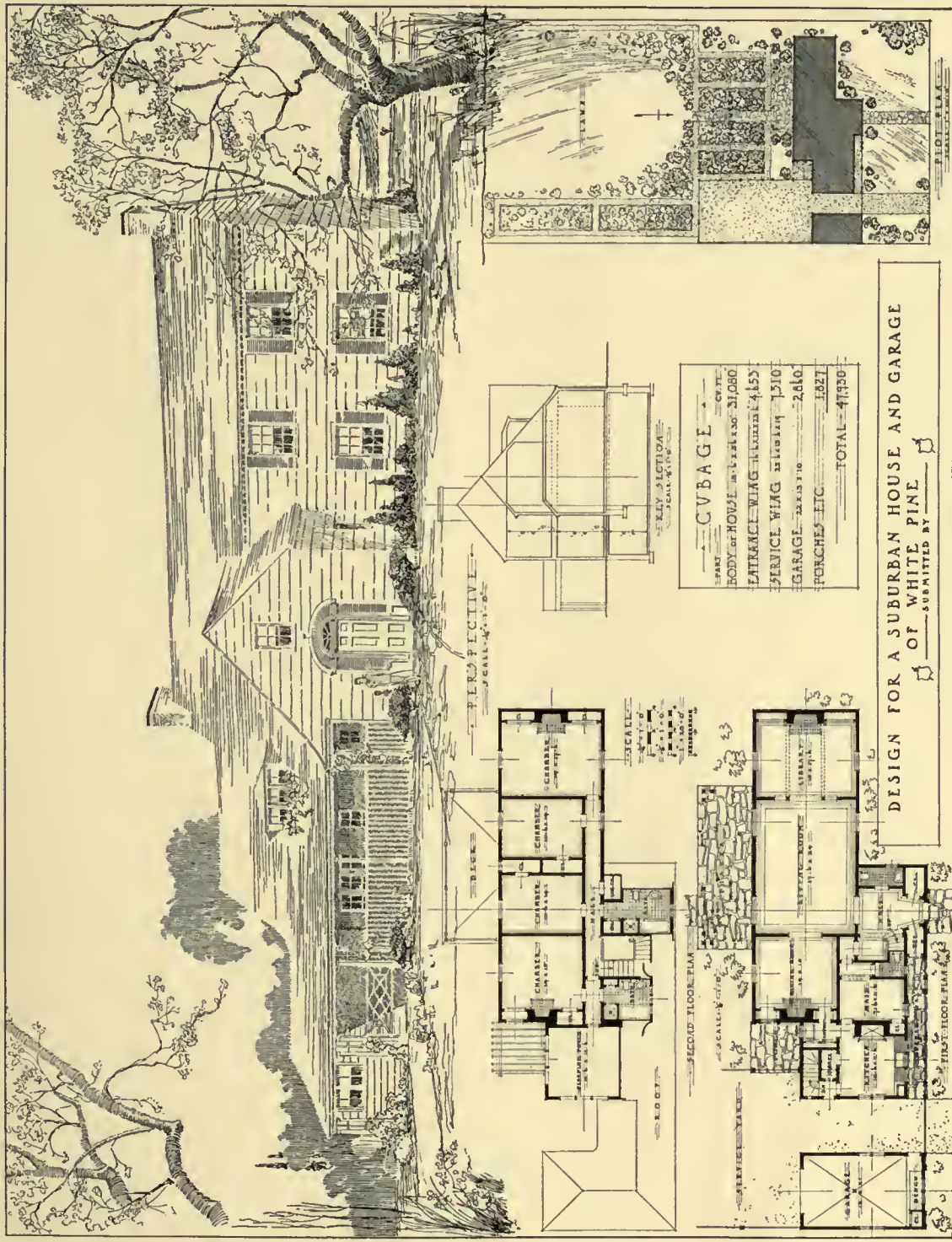
WEST ELEVATION

MENTION DESIGN

Submitted by Charles Summer Schneider, Cleveland, Ohio



MENTION DESIGN, Detail Sheet
Submitted by Charles H. Umbrecht, East Orange, N. J., and L. J. Kaley, Wyncote Pa.



MENTION DESIGN
 Submitted by Charles H. Umbrecht, East Orange, N. J., and L. J. Kaley, Wyncote, Pa.

THE AIMS AND PURPOSES OF THE WHITE PINE SERIES OF ARCHITECTURAL MONOGRAPHS

PLANS FOR FUTURE ISSUES

A YEAR ago we ventured to hope that through our Series of Architectural Monographs we might have the good fortune to gain the attention of the architectural profession in order further to acquaint them with White Pine—its qualities—its availability—and its cost. Nothing could more fittingly emphasize this basic message than the contents of this our seventh monograph—the results of an architectural competition which brings home graphically to every practicing architect the fact that, for a subject so useful and frequent as a \$10,000 suburban house, White Pine is not only a medium of artistic expression, but is available to-day and is economical.

Six numbers of the Monographs have been issued during the year as planned; and as we start the second year nothing could be more encouraging than the realization that in these crowded and eventful days we have not missed the goal for which we strove. Grateful as is this realization, we are not beguiling ourselves; we have had so many tributes from those whose attention we sought to attract, couched in the superlative of praise, that we feel justified in thinking we have obtained an audience.

We have aimed to renew and to hold the architects' interest in White Pine lumber, first by contradicting the amazing misconception which has existed in the minds of so many, that the supply of White Pine was exhausted, and secondly by performing a real service through our Series of Architectural Monographs. These are planned to be useful to the architect at once as a source of authoritative information and a work of reference crammed with meaty suggestions. We have aimed to establish and maintain confidence between the architectural profession and the manufacturers of White Pine, feeling that the tie that binds is our effort to sell and their desire to obtain that King of Soft Woods which embodies all the virtues of other soft woods without one of their shortcomings.

The *White Pine Series of Architectural Monographs* has been developed with much thought and care. Both the illustrations and text have been selected not only with the utmost study but by dint of extended travel, in order to provide a medium of information both dignified and pleasing. Quality rather than quantity, we have felt, would count in the end.

A veritable mine of valuable material has been unearthed in out-of-the-way places for future issues of the White Pine Series. Adhering to the Monograph idea of devoting each issue to a particular subject, we will continue to cover fields which have hitherto been untouched except in perhaps one or two exclusive architectural books. All sections of the country where work of high architectural merit is to be found, and which is universally applicable to present-day problems, will be exploited and published under proper classification for accurate reference.

After the work in the different geographical divisions, compiled chronologically according to periods, has been completed, it will then be our purpose to study each instructive architectural feature of a building by means of Comparative Details. Already accurate measured drawings are being prepared, supplementing specially made photographs, for the purpose of aiding all students of architecture in these comparisons. These later issues promise to be most interesting and will offer a wonderful opportunity for those endeavoring to solve some particularly detailed problem.

These announcements for future issues, we hope, will give reason for gratitude that a work so exhaustive within its limits, so authentic and sincere, should have been planned while it is still possible to measure and to write at first hand of those masterpieces of early American wood-built homes which have stood for centuries as monuments of history and models of architecture.

WHITE PINE BUREAU,
MERCHANTS BANK BUILDING,
SAINT PAUL, MINNESOTA

The subject of the eighth Monograph will be "Old Woodbury and Adjacent Domestic Architecture of Connecticut," with descriptive text by Wesley S. Bessell.

Subjects of Previous Numbers of

THE WHITE PINE SERIES OF ARCHITECTURAL MONOGRAPHS

Vol. 1, No. 1.	Colonial Cottages	- - - -	Text by Joseph Everett Chandler
Vol. 1, No. 2.	New England Colonial Houses	- - -	Text by Frank Chouteau Brown
Vol. 1, No. 3.	Farm Houses of New Netherlands	- - -	Text by Aymar Embury II
Vol. 11, No. 1.	Houses of the Middle and Southern Colonies	- - -	Text by Frank E. Wallis
Vol. 11, No. 2.	Domestic Architecture in Massachusetts	- - -	Text by Julian Buckley
Vol. 11, No. 3.	Early Houses of the Connecticut River Valley	- - -	Text by Richard B. Derby

List of Members of
**THE NORTHERN PINE MANUFACTURERS' ASSOCIATION OF
 MINNESOTA, WISCONSIN AND MICHIGAN**

CLOQUET LUMBER COMPANY	Cloquet, Minn.
CROOKSTON LUMBER COMPANY	Bemidji, Minn.
JOHNSON-WENTWORTH COMPANY	Cloquet, Minn.
THE J. NEILS LUMBER COMPANY	Cass Lake, Minn.
NICHOLS-CHISHOLM LUMBER COMPANY	Frazee, Minn.
NORTHLAND PINE COMPANY	Minneapolis, Minn.
THE NORTHERN LUMBER COMPANY	Cloquet, Minn.
PINE TREE MANUFACTURING COMPANY	Little Falls, Minn.
RED RIVER LUMBER COMPANY	Akeley, Minn.
RUST-OWEN LUMBER COMPANY	Drummond, Wis.
ST. CROIX LUMBER & MFG. COMPANY	Winton, Minn.
J. S. STEARNS LUMBER COMPANY	Odanah, Wis.
THE I. STEPHENSON COMPANY	Wells, Mich.
DAVID TOZER COMPANY	Stillwater, Minn.
THE VIRGINIA & RAINY LAKE COMPANY	Virginia, Minn.

List of Members of
THE ASSOCIATED WHITE PINE MANUFACTURERS OF IDAHO

BLACKWELL LUMBER COMPANY	Coeur d' Alene, Idaho
BONNERS FERRY LUMBER COMPANY	Bonnors Ferry, Idaho
DOVER LUMBER COMPANY	Dover, Idaho
HUMBIRD LUMBER COMPANY	Sandpoint, Idaho
MCGOLDRICK LUMBER COMPANY	Spokane, Wash.
MILWAUKEE LAND COMPANY	St. Joe, Idaho
ROSELAKE LUMBER COMPANY	Roselake, Idaho
PANHANDLE LUMBER COMPANY	Spirit Lake, Idaho
POTLATCH LUMBER COMPANY	Potlatch, Idaho

*Any information desired regarding White Pine will be furnished
 by any member of either Association or by the*

WHITE PINE BUREAU

Merchants Bank Building, Saint Paul, Minnesota

Representing

The Northern Pine Manufacturers' Association of Minnesota, Wisconsin
 and Michigan and The Associated White Pine Manufacturers of Idaho

14 DAY USE
RETURN TO DESK FROM WHICH BORROWED

LOAN DEPT.

This book is due on the last date stamped below, or
on the date to which renewed.
Renewed books are subject to immediate recall.

REC'D LD

NOV 8 '63 - 3 PM

18 Apr '64 ZF

JUL 13 '68

JUL 13 '68

RECEIVED

JUL 13 '68 - 3 PM

REC'D LD

MAY 27 '64 - 7 PM

DEC 3 1967 2

LOAN DEPT.

MAY 6 1985

RECEIVED

NOV 19 '67 - 6 PM

LOAN DEPT.

FEB 2 1968 5 4

JAN 19 '68

IN STACKS
RECEIVED

AUG 16 1980

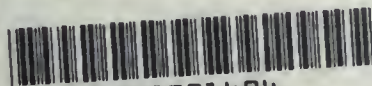
FEB 29 '68 - 11 AM

LD 21A-40m-4, '63
(D6471s10)476B

General Library
University of California
Berkeley

YE 15643

GENERAL LIBRARY - U.C. BERKELEY



8000771494

905777

NA1

M6

v.2-4

507-7-22

THE UNIVERSITY OF CALIFORNIA LIBRARY

