



JULY 1941

	2
BUILDING FOR DEFENSE Airplane plant in Texas: air conditioned, windowless, bomb-resistant and big, it is built of prefabricated steel panels Trend of defense construction expenditures: a look at a big part of Building's market during the past year and the coming one. Federal defense housers' meeting: THE FORUM covers it photographically, reports its accomplishments Completed defense housing projects: a description of seven representative examples from Long Island to Hawaii Headway and Headaches: a blow-by-blow coverage of the month's significant developments on the building-for-defense front.	
PORTFOLIO OF WORK BY EDWARD D. STONE A collection of recent work by one of the top-ranking U. S. architects.	13
PRODUCTS & PRACTICE Modular Design: progress at last in the drive for rational integration of material sizes and building dimensions A practicable method for immediate application.	31
KLEINHANS MUSIC HALL A new high in public buildings is set by Buffalo's concert hall. Critique by Joseph Hudnut.	35
MEDICAL BUILDING Offices for a doctor and dentist in a small town business district.	43
BRANCH LIBRARY A direct and modest approach to the problem of a small library in a residential neighborhood.	44
FEDERAL LOAN AGENCY BUILDING New, large scale office structures for Washington.	46
HOUSES More case histories in the small house series Interior- exterior photographs floor plans critical comment cost data construction outlines.	49
BUILDING MONEY Total home insulation: a statistical study of its financial savings and an analysis of it as the answer to the prospective fuel shortage Private capital rents new houses for \$23 per month in Madison, Wis.: a new low in rents, a new high in construction technique Modern row houses: a Washington, D. C. subdivider solves a tough site problem, proves again that Modern sells Remodeled tenement: New York architect turns the entrances from the street to a private courtyard, revitalizes a derelict.	63
MONTH IN BUILDING	2
FORUM OF EVENTS A.I.A. convention highlights New furniture designs Announcements and awards.	10
BOOKS Archaeological exploration by air Britain at War Designs for outdoor living.	18
LETTERS	22

Editor, Howard Myers; Managing Editor, Ruth Goodhue; Associates, Paul Grotz, Joseph C. Hazen, Jr., C. Theodore Larson, George Nelson, Henry Wright; Assistants, John Beinert, Anna De Cormis, Richard E. Saunders, Madelaine Thatcher, Nadia Williams, The Archifectura, Forum is published by Time Inc., Henry R. Luce, Chairman, Roy E. Larsen, President; Charles L. Stillman, Vice President and Treasurer; Howard Black, Allen Grover, Eric Hodgins, P. I. Prentice, Vice Presidents; David W. Brumbaugh, Secretary. Publication and Subscription Office, Orange, Conn. Subscriptions may also be sent to 330 East 22nd Street, Chicago, Illinois. Executive, Editorial and Advertising Offices, Time & Life Building, Rockefeller Center, New York. Business Manager, H. A. Richter, Advertsing Manager, George P. Shutt. Address all editorial correspondence to Time & Life Building, Rockefeller Center, New York. Yearly subscription, payable in advance, U. S. and Possessions, Canada, Cuba, Mexico, South America, \$4.00. Elsewhere, \$6.00. Single issues, including Reference Numbers, \$1.00. All copies Mailed Flat. Copyright under International Copyright Convention. All rights reserved under Pan American Copyright Convention. Copyright, 1941, by Time Inc., Printed in U. S. A. VOLUME 75—NUMBER ONE

Fuller's grain bin . . . Curved garage . . . Post-War

Pattern.

SPECIFICATION AND BUYING INDEX

The advertising pages of THE ARCHITECTURAL FORUM have become the recognized market place for architects and all others engaged in building. Each month these pages offer the most complete guide to materials, equipment and services to be found in any magazine. A house or any other building could be built completely of products advertised in THE FORUM. While it is not possible for a magazine to certify building products, it is possible to open its pages only to those manufacturers whose reputation merits confidence. This THE FORUM does.

Aluminum Company of America	$\begin{array}{c} 80 \\ 27 \end{array}$
American Brass Company, The American Lumber & Treating Co.	50 51
American Plywood Corporation	80
American Seating Co	63 28
Anchor Post Fence Company	42 43
Armstrong Cork Company	36
Auer Register Company, The	80
	58
	62 52
	80
California Redwood Association	48
	65 45
(United States Steel Corporation Subsidiary)	
Ceco Steel Products Corporation	61 II
	45
	26
Detroit Steel Products Co	67
Donley Bros. Co	82
Dunham, C. A. Co	66 70
(Grasselli Chemicals Department)	• •
Eagle-Picher Lead Company, The	62
	46
Fitzgibbons Boiler Company, Inc.	59
Fleur-O-Lier Manufacturers	37
Formica Insulation Company, The	$\frac{5}{13}$
(General Motors Sales Corp.)	
General Electric Company	33
	13
Goodyear Tire & Rubber Company, The	19
Grasselli Chemicals Department	70
Great Lakes Steel Corporation	9
	25 70
Hope's Windows, Inc.	8
Johns-Manville	10
Johns-Madville	49
	11
Keasbey & Mattison Company	17 69
Kinetic Chemicals, Inc.	71 34
	3 2
Lawson, F. H. Company, The	64
Lead Industries Association	17
Libbey-Owens-Ford Glass Co	79

Marsh Wall Products, Inc
Master Builders Co., The 89
Mengel Co., The 24 Mesker Bros. 74
Miami Cabinet Division 73
(The Philip Carey Company) Miller Company, The
Minwax Co., Inc
Mueller Furnace Company, L. J
Mullins Mfg. Corp
National Lead Company 4
Ohio Rubber Company, The 4- Overhead Door Corporation Cover IV
P acific Steel Boilers
Penberthy Injector Company
Pennsylvania Wire Glass Company
Pittsburgh Corning Corporation
Portland Cement Association 53
Republic Steel Corporation 30
Revere Copper and Brass, Incorporated 20
Ric-Wil Co., The
Robertson, H. H. Company
Rowe Manufacturing Co 4'
Rybolt Heater Co., The
S anymetal Products Co., Inc., The
Servel, Inc
Sisalkraft Company, The
Spencer Heaters 5'
Square D Company
Stanley Works, The
(Great Lakes Steel Corporation)
Streamline Pipe & Fittings Co
그들만 없는 병에 가장 사람들이 얼마를 하는 것이 되는 것이 없었다.
Tennessee Coal, Iron & Railroad Company 4: (United States Steel Corporation Subsidiary)
Timber Engineering Company 74
Trane Company, The 90
Truscon Laboratories
거래에 하시아하다 내가 보았다면 하시네요. 그는 그 그 그 사람들이 없다.
United States Gypsum Company84-87
United States Plywood Corporation
(Pacific Steel Boilers Division)
United States Steel Corporation opp. p. 16, 48
Universal Atlas Cement Co
Victor Electric Products, Inc
West Dodd Lightning Conductor Corp 40
Weyerhaeuser Sales Company 83
Yeomans Brothers Company 82
York Ice Machinery Corporation
Youngstown Pressed Steel Division