



# NOVEMBER 1941

## HOUSES

305

More case histories in the small house series . . . interior-exterior photographs . . . floor plans . . . critical comment . . . cost data . . . construction outlines.

## HOUSES FOR DEFENSE

321

Something new in low cost construction: 600 prefabricated houses with walls of a single material accommodate Glenn Martin's bomber builders near Baltimore, Md. . . . Erie, Pa.'s defense housing problem and what Government has done toward solving it: from cause to effect with a candid camera.

## BUILDING FOR DEFENSE

330

Headway and Headaches: the month's significant developments in brief . . . A modern factory outside New Brunswick, N. J. features new-type fenestration, serves as a show window for J & J's industrial community . . . Glenn Martin's Army bomber plant by Architect Albert Kahn and its background of rapid expansion.

## CONSTRUCTION CENSUS

338

The U. S. Census Bureau holds a mirror up to the construction industry, shows that 14 per cent of them do three-quarters of the work: a market analysis for Building's dealers and manufacturers.

## RECENT WORK OF ANTONIN RAYMOND

341

A distinguished architect, back from Japan, continues a successful career.

## POST-WAR PATTERN, NO. 2: STANDARDIZATION

353

Second article in the Post-War Pattern series: standardization defined, its objectives outlined, its relationship to design explained . . . building codes . . . dimensional coordination . . . standardized parts . . . standardized procedures . . . formulation of standards.

## OFFICE BUILDING

365

An office building with space around it: the home of two insurance companies in the Middle West.

## SHOWROOM

371

A fresh design for the wholesale showroom.

## CIRCLE RESTAURANT

374

Smart simplicity and ingenious design for a Chicago department store.

## PRIORITIES and the SPAB ORDER

2

A detailed picture of priorities and their meaning for defense and non-defense builders.

## FORUM OF EVENTS

10

Ventilating tower competition . . . Mid-town airport . . . Awards.

## BOOKS

22

A timely biography of Eric Mendelsohn.

## LETTERS

26

*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 ARCHITECTURAL 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. Advertising 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 FIVE

# 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.

Allegheny Ludlum Steel Corp. ....	74	Libbey-Owens-Ford Glass Co. ....	69
Aluminum Company of America ....	16, 17	Masonite Corporation .....	3
American Brass Company, The .....	opp. p. 32	Mengel Co., The .....	6
American Lumber & Treating Co. ....	71	Mesker Bros. ....	68
American Seating Co. ....	51	Miller Company, The .....	27
American Telephone & Telegraph Co. ....	58	Mullins Mfg. Corp. ....	74
Anaconda Wire & Cable Co. ....	7	(Youngstown Pressed Steel Division)	
Anchor Post Fence Company .....	40	National Gypsum Company .....	47
Auer Register Company, The .....	78	National Lead Company .....	59
Bigelow-Sanford Carpet Co., Inc. ....	65	Overhead Door Corporation .....	Cover IV
Brasco Manufacturing Company .....	21	Owens-Illinois Glass Company .....	75
Bruce Co., E. L. ....	72	Penberthy Injector Company .....	15
Burnham Boiler Corporation .....	52	Pennsylvania Wire Glass Company .....	28
Burt Mfg. Co., The .....	78	Permutit Co., The .....	63
Cabot, Samuel, Inc. ....	78	Pittsburgh Plate Glass Company .....	37, 67
California Redwood Association .....	36	Ponderosa Pine Woodwork .....	73
Carnegie-Illinois Steel Corporation .....	45	Portland Cement Association .....	82
(United States Steel Corporation Subsidiary)		RCA Manufacturing Co., Inc. ....	8
Carrier Corp. ....	77	Republic Steel Corporation .....	61
Ceco Steel Products Corporation .....	66	Revere Copper and Brass, Incorporated .....	48, 49
Celotex Corporation, The .....	Cover II	Ric-Wil Co., The .....	74
Columbia Steel Company .....	45	Rixson, Oscar C. Company, The .....	32
(United States Steel Corporation Subsidiary)		Robertson, H. H. Company .....	54, 55
Consolidated Expanded Metal Companies, The .....	79	Rowe Manufacturing Co. ....	13
Detroit Steel Products Co. ....	53	Sanymetal Products Co., Inc., The .....	25
Donley Bros. Co. ....	76	Shellac Information Bureau .....	34
Du Pont, E. I. De Nemours & Co., Inc. ....	64	Sisalkraft Company, The .....	76
(Grasselli Chemicals Department)		Square D Company .....	30
Eagle-Picher Lead Company, The .....	70	Stanley Works, The .....	56
Edison General Electric Appliance Co., Inc. ....	31	Tennessee Coal, Iron & Railroad Company .....	45
Electro Metallurgical Company .....	42	(United States Steel Corporation Subsidiary)	
Eljer Co. ....	40	Timber Engineering Company .....	81
Formica Insulation Company, The .....	5	Trimpak Corporation .....	76
General Electric Company .....	33	Trinity Portland Cement Company .....	29
Goodyear Tire & Rubber Company, The .....	23	Truscon Steel Company .....	Cover III
Grasselli Chemicals Department .....	64	United States Plywood Corporation .....	50
(E. I. Du Pont De Nemours & Co., Inc. )		United States Rubber Company .....	72
Guth, Edwin F. Company, The .....	44	United States Steel Corporation .....	45, opp. p. 305
Hoffman Specialty Co., Inc. ....	19	Universal Atlas Cement Co. ....	opp. p. 305
Homasote Company .....	68	(United States Steel Corporation Subsidiary)	
Hygrade Sylvania Corporation .....	35	Universal Zonolite Insulation Co. ....	58
Johns-Manville .....	39, 62	Van Dorn Iron Works Company, The .....	70
Keasbey & Mattison Company .....	41, 43	Van Range, John, Co., The .....	44
Kimberly-Clark Corporation .....	9	Victor Electric Products, Inc. ....	76
Kinetic Chemicals, Inc. ....	57	West Dodd Lightning Conductor Corp. ....	46
Kinnear Mfg. Co., The .....	38	Westinghouse Electric & Manufacturing Co. ....	20
Kohler Co. ....	24	Youngstown Pressed Steel Division .....	74
LCN Door Closers .....	78	(Mullins Mfg. Corp.)	
Laucks, I. F., Company .....	60	Zouri Store Fronts .....	11
Lead Industries Association .....	18		