They all depend on ANEMOSTAT FOR DRAFTLESS AIR DIFFUSION

“Judge a product by those who use it.” Apply this maxim to air diffusers and you have ample evidence why Anemostat Draftless Air Diffusers enjoy such overwhelming preference. This partial list of “those who use it” proves the point. Many of these installations represented unique air diffusion problems which were successfully solved by Anemostat. This experience can be a valuable and practical aid to you. Your local Anemostat Sales Engineer is backed by the most experienced engineering department in the air diffusion industry. Call him.

ANEMOSTAT®
DRAFTLESS Aspirating AIR DIFFUSERS
ANEMOSTAT CORPORATION OF AMERICA
10 East 39th Street, New York 16, N. Y.
REPRESENTATIVES IN PRINCIPAL CITIES

“No air conditioning system is better than its air distribution”

ONLY ANEMOSTAT OFFERS ALL THESE TYPES OF AIR DIFFUSERS TO FILL EVERY ARCHITECTURAL AND ENGINEERING NEED
MAINTENANCE - EASE

Ease of maintenance adds extra value to the washrooms you equip with Case vitreous china fixtures. The more they are used, the more their durable, acid-resistant surfaces and specially designed fittings save in cleaning time. There's no better way to reduce the cost of keeping washrooms sanitary and inviting. Easy to install... available with chair carriers. See your Classified Telephone Directory for distributors, or write W.A. Case & Son Mfg. Co., 33 Main St., Buffalo 3, N.Y. Founded 1853.

Not on the cost sheet BUT VALUED BY BUILDING OWNERS!

1 AVON $900. Wall hung vitreous china lavatory with back. Square basin, front overflow, anti-splash rim.

2 CASE WYNGATE $600. Lavatory. Square basin. Anti-splash rim, heavy wall hanger.

3 CASCO #2335-A. Vitreous China Siphon jet pedestal urinal with chrome plated flush valve, vacuum breaker.

4 CASE WALJET $2100. Wall Hung Siphon Jet Closet with hard rubber open front seat, concealed check hinge.

5 CASE CASCO #2325-A. Vitreous China Wall Hung Washout Urinal with shields, integral flush spreader and spud.

ORDER THESE AND OTHER MODELS for industrial, commercial and institutional installations through your nearest Case distributor.
today's best buy is better air!

Berkley (Calif.) High School Auditorium
Architect: Henry H. Catterson, San Francisco
Consulting Mechanical Engineer: G. M. Simonson, San Francisco

**AAF MULTI-DUTY**

most widely used automatic air filter in the world

Here Multi-Duty goes to school, though it's just as popular for rugged service in steel mills or defense plants.

When Berkley, California built its $3,000,000 high school auditorium it did things in a big way. This marvel of construction seats 3500 people and its ventilation system supplies 156,000 C.F.M. of clean air for their comfort. Such a large air volume should have automatic filtration and that's why the AAF Multi-Duty installation shown above was selected for this project.

The Multi-Duty automatic filter, because of its self-cleaning feature, is ideal for applications of this type where ventilating systems are not in continuous use. The filter is always in efficient operating condition without depending on the human element.

The exclusive principle of overlapping panel construction in the Multi-Duty was introduced by AAF in 1927. It is still the most practical method of combining the function of self-cleaning with the operating cycle. Although there have been numerous improvements in the design of individual panels and in unit construction, this basic principle has never been surpassed.

For detailed and illustrated description of Multi-Duty write today for Engineering Bulletin No. 241-B.

AAF American Air Filter

COMPANY, INC.

211 Central Ave., Louisville 8, Kentucky • In Canada: Darling Brothers, Ltd., Montreal, P. Q.
H. F. STIMM, INC.
ENGINEERS CONTRACTORS
THE ELLICOTT SQ. MADISON 8100
BUFFALO 3, N. Y.

SKILL RESPONSIBILITY INTEGRITY

a sign of good construction

...the structural member
of your family

EMPIRE STATE ARCHITECT
Immense $18,000,000 Veterans Hospital selects AMERICAN-Standard

The new 1003-bed, 2328-room Veterans Administration Hospital in Buffalo, N. Y., is truly a modern hospital. The color scheme, selected with an eye to both visual effect and therapeutic value, embodies twenty-eight shades and tones of lively colors. The hospital was designed to admit maximum light and air. The bold cruciform pattern marks a complete break with past traditions of hospital design.

But in its selection of plumbing fixtures and heating equipment the Buffalo hospital did what hospitals all over the country are doing—it selected American-Standard products... including all the radiators and convectors, and such specialized plumbing fixtures as autopsy tables, sitz baths, scrub-up sinks, prolonged treatment baths.

Dependable, efficient American-Standard Heating Equipment and Plumbing Fixtures meet the most rigid hospital requirements. And there's a complete line to choose from. So, when you equip your hospital, ask your Architect and Engineer or your Heating and Plumbing Contractor about American-Standard Heating Equipment and Plumbing Fixtures. They'll gladly help you select the products best suited to your particular needs. American Radiator & Standard Sanitary Corporation, P. O. Box 1226, Pittsburgh 30, Pa.
Using **Copper** wisely in **Building Design and Construction**

214-year-old roof demonstrates that **COPPER SERVES BEST**

The copper roof on Christ Church, Philadelphia, was installed in 1737 and is believed to be the oldest copper roof of its type in existence. It is of standing seam design and the 30 in. x 60 in. sheets used for the roof pans were imported from England, for there were no copper rolling facilities in America at that time.

A recent inspection disclosed that deterioration of the wood sheathing in one area was such that the cleat fastenings were not holding. Engineers of The American Brass Company suggested that the pans in this section be removed and that the cleat fastenings be secured to the sound purlins below the roof boards. ANACONDA Copper was furnished to replace the old pans.

The original thickness of the copper sheets was determined by gaging the unexposed portion in the standing seam. It was found to be practically the same as our present-day 16-oz. weight. But most significant was the fact that the exposed area of the pans had lost but five thousandths of an inch after 214 years of service.

Indications are that the copper installed more than 2 centuries ago will continue to protect this historic edifice for many generations to come... an example of great interest to the architect and the sheet metal worker of today—and tomorrow.

Buffalo Branch, 70 Sayre Street. District Sales Offices in Buffalo, New York City, Rochester and Syracuse.

---

Chris Church, Philadelphia, showing its 214-year-old copper roof.

---

for better sheet metal work... use **ANACONDA COPPER**

EMPIRE STATE ARCHITECT
These four leading hospitals are representative of the many important structures of all types which have been built with Pozzolith Concrete during the past twenty years.

Pozzolith's wide acceptance and use result from the fact that it produces the following combination of benefits — *at lower cost than by any other means.*

1. **EASY PLACEABILITY**
2. **MINIMUM SHRINKAGE**
3. **MAXIMUM STRENGTH**
4. **MAXIMUM DURABILITY**
5. **MAXIMUM BOND OF CONCRETE TO STEEL**

Only Pozzolith produces all these benefits because only Pozzolith disperses cement, reduces water and entrains the *optimum* amount of air.

*Full Information On Request.*
New Senior High School, Watertown, N. Y., equipped with 1,600 Full-Upholstered Bodiform Chairs.
Architects: Beardsley and Beardsley, Auburn, N. Y.; Sargent, Webster, Crenshaw and Folley, Syracuse, N. Y.

Showing American "Clearfloor" Ventilator
American Bodiform Chairs in balcony and with "Clearfloor" Ventilators in distinguished Watertown installation

Architects are invited to use the experience and technical data made available through our Seating Engineers, whenever engaged on a project involving auditorium seating.

American BODIFORM Chairs are furnished in a range of styles, colors, and upholstery materials to fit your plans. Clearfloor Ventilators and Riser-Attached Standards are giving complete satisfaction in many New York State installations.

Write for A.I.A. File No. 35-A-31 on Auditorium and Theatre Seating and A.I.A. File No. 30-D on Floor Ventilators.

American Seating Company
WORLD’S LEADER IN PUBLIC SEATING
935 W. Genesee St., Syracuse 4, N. Y. • 1776 Broadway, New York 19, N. Y.
Grand Rapids 2, Michigan

NOTE: Special seat staggering arrangement illustrated above is patented by American Seating Company. All rights reserved.
A third of a century

of searching and researching for the benefit of all America

The Portland Cement Association established its first laboratories in Chicago in 1916. Through the years the Association's ever expanding staff of scientists has increased the scope of its research program. As a result, the way has been opened to higher quality concrete at lower construction costs. Experiments originating here and verified in field projects by PCA and other agencies, public and private, have shown how to make better concrete in cities and on farms, in low and high altitudes, hot and cold climates, earthquake and hurricane areas.

Air-entrained concrete for greater durability in pavements, soil-cement for economical light-traffic roads and streets, and pressure grouting for stabilizing railway roadbeds are among the outstanding results of this searching and researching.

The new Portland Cement Association research laboratories near Chicago are pictured above. These enlarged facilities enable the Association to conduct its research and development activities on a much broader basis and thus be of even greater service to cement and concrete users. This will bring real and lasting benefits to all.

The results of this expanded program of scientific study are carried to cement and concrete users in the United States and Canada by means of a broad educational program and a widespread field organization of hundreds of trained engineers operating out of 26 district offices and serving 45 states, the District of Columbia and British Columbia. These field engineers are experts on the many uses of portland cement and concrete for all types of construction.

When next you face a special problem in concrete construction why not consult this office? Our engineers will help you get quality concrete and advise you on work procedures recommended for your job.
EMPIRE STATE ARCHITECT
THE OFFICIAL PUBLICATION
NEW YORK STATE ASSOCIATION OF ARCHITECTS

CONVENTION ISSUE

BOARD OF DIRECTORS

President: Henry V. Murphy, Brooklyn Chapter
1 Hanson Place, Brooklyn, N. Y.
1st Vice Pres.: Irving Seelig, Brooklyn Society
153 Pierrepont St., Brooklyn, N. Y.
2nd Vice Pres.: Leonard A. Waasdomp, Rochester Society
311 Alexander Street, Rochester, N. Y.
3rd Vice Pres.: G. Morton Wolfe, Buffalo-W.N.Y. Chapter
1577 Main Street, Buffalo, N. Y.
Treasurer: Maxwell A. Cantor, Brooklyn Society
443 East 5th St., Brooklyn 18, N. Y.
Secretary: John W. Briggs, Rochester Society
311 Alexander Street, Rochester 7, N. Y.

James Wm. Kidney: Past President
Charles R. Ellis: Past President
Matthew W. DeGaudio: Past President
G. Storts Barrows: Past President
George A. Boehm: Past President
S. Elmer Chambers: Past President
Syracuse Society
Carl W. Clark: Past President
Central N. Y. Chapter
Donald Q. Faragher: Past President
Rochester Society
Abraham Farber: Past President
Brooklyn Society
William Farrell: Past President
Bronx Chapter
Adolph Goldberg: Past President
New York Society
Victor V. Marielli: Past President
Long Island Society Chapter
Roswell E. Pfohl: Past President
Buffalo-W.N.Y. Chapter
Harry M. Prince: Past President
New York Chapter
Harry Rodman: Past President
Eastern N. Y. Chapter
Charles S. Ward: Past President
Queens Chapter
Martyn Weston: Past President
Brooklyn Chapter
Theodore Koch: Past President
Staten Island Chapter

PUBLICATION COMMITTEE

Chairman: Charles Rockwell Ellis
Editor: George Dick Smith, Jr.
Associate Editors:
Richard Roth: Thomas W. Mackesey
C. Storts Barrows: Carl W. Clark
Irving Seelig: George Clark
Cyril T. Tucker: E. James Gambaro
Maxwell A. Cantor: Matthew W. DeGaudio
Henry V. Murphy: Thomas H. McKaig

Address all communications regarding the State Association to the Secretary, John W. Briggs, 311 Alexander St., Rochester 7, N. Y., and inquiries regarding advertising to the Publisher.

COVER PHOTOGRAPH
BY
MARBURG-FITZGERALD STUDIOS

Contents
Page
Board of Directors............ 17
President's Message........... 33
Convention Committees......... 55
Convention Program........... 36-37
Dante Place Housing Project... 38
New Private School............ 39
Edward H. Butler Library...... 40-41
St. Martin's School............ 42
Schools of Medicine and Dentistry... 43
Statler Hall.................. 44
Amherst Lutheran Church........ 45
Floyd Newman Laboratory....... 47
Corning Glass Center........... 48-49
Chevrolet Plant................. 50
An American Architect Takes a Look at European Architecture... 51
Among the Constituents......... 53
Are Your By-Laws in Order?.... 55
Presidents of Constituent Organizations... 57
Roster........................ 59
Building News Items............ 93

Subscription Price: 50c per year. Non-Members $1.00
Published 6 Times a Year

September - October Issue — Vol. XI No. V
Entered as second-class matter March 6, 1943 at the Post Office
at Buffalo, New York, under the act of March 3, 1879.
The nation's first in pre-cast reinforced concrete slabs . . . FLEXICORE . . . is being used in the construction of Western New York's first drive-in bank.

FLEXICORE pre-cast slabs are being utilized for the cantilever roof of the Marine Trust Company's new drive-in bank in Buffalo, N. Y. The FLEXICORE slabs, 25' 1" long, provide a 6' overhang cantilevered roof.

Use of FLEXICORE long-span slabs results in a big saving because a minimum of structural steel is required, and offers economies in construction time because FLEXICORE is so easy to install. The slabs are lifted directly into place from the truck which delivers them from our plant.

While cantilever construction is not in itself unusual, it is unusual to construct this type of roof as simply and economically as FLEXICORE has done, as illustrated here. FLEXICORE makes for clean design and reduction of on-the-job labor.

FLEXICORE slabs may be installed in any type of weather . . . there are no delays due to rain or snow.

The smooth undersurface of FLEXICORE eliminates the need for plaster . . . another big saving.

Yes . . . FLEXICORE is low cost, permanent, is free from shrinkage, features shallow floor and roof depths, reduces labor costs, and is firesafe. AND . . . FLEXICORE'S hollowcores are ideal for warm air panel radiant heating.

OTHER ANCHOR PRODUCTS
Celocrete, Cinder and Concrete Blocks.
Anchor Silicote, a high quality transparent water repellent for all masonry surfaces.
Pre-Cast Lintels and Sills.

DISTRIBUTORS FOR
Dur-O-Wall steel reinforcing for masonry walls.
Medusa Portland Cement Paint, for concrete wall surfaces.
Medusa Floor Coating, for concrete floors.

EMPIRE STATE ARCHITECT
With STRESTCRETE pre-cast machine-made precision-ground slabs, it's quite simple to build a cantilever roof on four sides of a residence. That's illustrated in the photograph.

It's simple, economical, and clean to do it with these STRESTCRETE prestressed slabs.

STRESTCRETE floor and roof slabs have many advantages. Pre-assembled to fit individual specifications, STRESTCRETE slabs are virtually complete floors when delivered to the job. They're easy to install.

STRESTCRETE construction is dry and fire-safe; eliminates expensive forms, saves money and materials.

There are no delays for removal of hazardous forms, and work speeds ahead even in freezing weather. Each slab plate is welded to the structural steel frame providing adequate lateral support and reducing the necessity for separate structural steel supports.

STRESTCRETE hollow cores allow maximum flexibility for electrical wiring and other utility connections, and provide duct work for warm air panel radiant heating. STRESTCRETE provides added insulation and reduces deadweight.

Available depths from 3" to 16", pre-assembled into multiple slab sections as large as 5' 4" x 10' 0" for roof slabs, and 4' 0" x 30' 0" for floor slabs.

For more information about Anchor Concrete Products, write:

ANCHOR CONCRETE PRODUCTS INC.
WABASH AVE., AT 2450 WILLIAM ST.
BUFFALO 6, N. Y.

EMPIRE STATE ARCHITECT
Teacher and pupil alike benefit from the clear, large-expanse, light-transmitting areas in Truscon Series 138 Double-Hung Steel Windows, wherever used in institutional or residential structures. The development of modern architectural styling with these handsome Truscon Windows, and the generous use of Nature's free sunlight and fresh air made possible by these steel units, is illustrated in the Chicago University Faculty Apartments, Chicago, shown above.

Philip B. Maher, Architect • W. J. Lynch Company, Contractor

Major construction features of Truscon Series 138 Double-Hung Steel Windows are: welded tubular construction of heavy-gauge steel; quiet, easy operation controlled by motor-type spring balances; complete factory weatherstripping; wide range of types and sizes, including sill-ventilator styles, to meet every residential, school, institutional, and commercial need.

See Truscon's complete catalog in "SWEET's" for full information on all Truscon Mark of Merit Products.
BUILT BY Blanchard

Plastics Research Laboratory,
Hercules Powder Company, Parlin, N. J.

Designed by owner's Engineering Department,
Wm. L. Blanchard Co., Builders.

... IN New Jersey ...

We are prepared to serve you in this area

Our Own Who's Who will be sent on request

YOU CAN ALWAYS DEPEND UPON SPECIALISTS. By concentrating in construction work in the New Jersey area, the Wm. L. Blanchard Co. has achieved distinctive recognition for faithful and prompt fulfillment of its contracts.

New York architects call freely upon us on building problems, since we offer them the skilled knowledge of our entire organization. We are familiar with current costs, material sources and labor conditions.

INDUSTRIAL, COMMERCIAL AND INSTITUTIONAL CONSTRUCTION

Wm. L. Blanchard Co.

55 Poinier Street • Newark 5, New Jersey
Telephone: Bigelow 8-2121, Ext. 26

BUILDERS SINCE 1860

EMPIRE STATE ARCHITECT
Specify with Confidence

...Specify USG

The Greatest Name in Building . . .

Whether you're designing a wall, ceiling, or partition—whether you're considering insulation, sound control, roofing, paint, or steel—you'll find almost any requirement answered by the vast array of U.S.G. products. These products are developed and tested with scientific care in one of the country's finest research laboratories. Through every stage of manufacture, they are quality controlled by extremely rigid inspection.

When you specify the greatest name in building, you're building for the future—because you're building with the finest materials made.

For technical information consult Sweet's or your A.I.A. files. If further data is needed, call in your U.S.G. representatives:

W. W. Beinbridge or J. A. Donohue 488 Madison Avenue, New York 22, New York

H. E. Phillips
806 Crosby Building, Buffalo 2, New York

If your requirement is PARTITIONS . . .

Investigate the scope and utility of U.S.G. plastering systems. In addition to its famous products—Red Top® Plaster, Rocklath® plaster base, Perforated Rocklath, Insulating Rocklath and USG Metal Lath—USG offers many specialized partition systems such as those pictured at right.


REQUIREMENT: Strong, fire-resistant partitions that require minimum floor space.

SOLUTION: 2-Inch Solid Rocklath (or Metal Lath) and Red Top Plaster partitions require 3 inches less space along their full length than conventional partitions.

REQUIREMENT: Lightweight yet durable partitions that offer high fire resistance.

SOLUTION: Pyrobar® Gypsum Partition Tile and Red Top Plaster weigh much less than other masonry partitions, and have fire ratings up to 4 hours.

REQUIREMENT: Strong, hollow partitions that conceal pipes, ducts, and conduits.

SOLUTION: USG Trussteel® Studs, USG Metal Lath and Red Top Plaster form a durable, fire-resistant, hollow partition which is high in strength—low in cost.
JOHNSON CONTROL in
FINE BUILDINGS EVERYWHERE

• General Service Building, University of Michigan, Ann Arbor, Michigan: Both economy and comfort are assured by 588 Johnson Dual Thermostats, providing individual room control. Johnson Dual Control maintains proper temperatures in occupied rooms and, at the same time, insures reduced economy temperatures in all areas which are not in use.

• 100 Park Avenue, New York City: More than a thousand Johnson Heating-Cooling Thermostats control over three thousand Johnson Valves in the air conditioning units in this modern office building — one of New York's finest.

• Roosevelt Hotel, New Orleans, La.— A Johnson Selective Room Thermostat permits the guests in each of this hotel's 900 rooms to choose any temperature between 65° and 78°. A Johnson Mixing Damper admits air, at exactly the right temperature, from double ducts above the corridor ceilings.

• The Shamrock Hotel, Houston, Texas: More than 900 Johnson Room Thermostats enable the occupants of each room of this four-square-block hotel to select any temperature between 68 and 80 degrees. Johnson Outdoor Master Controls regulate the temperature of the primary air which is supplied to the unit air conditioners throughout the building.

Automatic Temperature Control

INSTALLED-FOR-THE-PURPOSE
by Johnson

Going even further than manufacturing automatic temperature control equipment and planning each system for the exact purpose which it is to serve! Those activities are only two-thirds of the complete Johnson chain of responsibility. The final step is the installation of the apparatus, which also is done by members of the nation-wide Johnson organization. Installed-for-the-purpose, to fit each particular job!

A unique corps of Johnson mechanics does the installation work. The members of this distinctive group are stationed at strategic locations in each of the company-owned branch office territories, to carry out the instructions of the Johnson staff of branch managers and field engineers. Johnson mechanics are Johnson's own men, devoting their entire time to the specialized work which they have been trained to perform. They are temperature control craftsmen, with a practical background in the pipe-fitting trade.

To serve the best interests of users of Johnson automatic temperature control systems is the objective which is attained by the policy of a complete "chain of responsibility." Manufacturing—planning—installing! Undivided interest, from start to finish, is centered in one highly-specialized organization. And yet, there is full cooperation with consulting engineers who are retained by owners or their architects and with their heating and air conditioning contractors... Ask a nearby Johnson engineer for recommendations which will solve your temperature control problems. JOHNSON SERVICE COMPANY, Milwaukee 2, Wisconsin. Direct Branch Offices in Principal Cities.
Save Steel, Cut Costs

with new, lighter weight Gold Bond column fireproofing

Here is a fast, efficient method for giving steel columns a fire-resistive rating up to 4 hours. Tests at a nationally recognized fire testing laboratory fully qualify the method for all building code requirements.

It gives two benefits—crucially important now: (1) it saves critical steel; (2) it cuts material and labor costs.

Lowers Dead-Weight One-Third. The materials used—Gold Bond Gypsum Lath and Plaster mixed with lightweight plaster aggregates—weigh half as much as tile, and one-quarter as much as standard concrete for equivalent fire resistive ratings. The result is a reduction of as much as one-third in dead load weight, which reduces the size and cost of footings, foundations and structural frame.

Cuts Material and Labor Costs. Column fireproofing with low-cost Gold Bond Gypsum Lath and Plaster is the fastest method known. It permits important savings in man-hours and construction time over usual methods.

When Gold Bond Gypsum Products are used 100% on a job, the responsibility for performance is centered in one reputable manufacturer—National Gypsum Company.


You'll build or remodel better with Gold Bond

Specifications

1 Hour. Place Gold Bond 3/8" x 16" x 48" Perforated Gypsum Lath vertically against column flanges and bridging web spaces. Cut as required to box the column. Wrap and tie lath with double strand of 18 gauge tie wire 2' from ends of lath and at intermediate points not exceeding 15" c.c. At each corner, wire tie Gold Bond No. 1 Expanded Corner Bead to the wire ties encircling lath to form grounds for 3/8" of plaster. Mix Gold Bond Gypsum Plaster 1 part to 2 1/2 parts of sand by weight. Apply in a doubleback operation to within 1/8" of ground and leave rough for finish.

1 1/2 Hours. Specifications are the same as for one hour rating, but set grounds for 3/8" of plaster.

2 Hours. Place Gold Bond 3/8" x 16" x 48" Perforated Gypsum Lath vertically against column flanges and bridging web spaces. Cut as required to box the column. Wrap and tie lath with double strand of 18 gauge tie wire 2' from ends of lath and at intermediate points not exceeding 15" c.c. At each corner, tie Gold Bond No. 1 Expanded Corner Bead to the wire ties encircling lath to form grounds for 3/8" of plaster. Mix Gold Bond Gypsum Plaster 2 parts to 2 & 1/2 cu. ft. of perlite aggregate. Apply in a doubleback operation to within 1/8" of ground and leave rough for finish.

3 Hours. Box column with two layers of Gold Bond 3/8" Long Length Gypsum Lath placed vertically against the column flanges and bridging the web spaces. Wrap column and lath with 1/8" hexagonal 20 gauge galvanized wire mesh tying cut ends to give continuity around the column. At each corner wire tie Gold Bond No. 1 Expanded Corner Bead to form grounds for 3/8" of plaster. Mix Gold Bond Gypsum Plaster 100 lbs. to 2 & 1/2 cu. ft. of perlite aggregate. Apply in a doubleback operation to within 1/8" of ground and leave rough for finish.

4 Hours. At each corner, wire tie Gold Bond No. 1 Expanded Corner Bead to the wire ties encircling lath to form grounds for 3/8" of plaster. Mix Gold Bond Gypsum Plaster 100 lbs. to 2 cu. ft. of perlite aggregate for the scratch coat and 100 lbs. to 3 cu. ft. of perlite for the brown coat. Plaster in two separate coats, allowing the scratch coat to set hard before application of the brown. Brown coat to be applied in a doubleback operation to within 1/8" of ground and leave rough for finish.

National Gypsum Company • Buffalo 2, New York

1951 DIRECTORS
N. Y. S. A. A.
When you are building to endure, that's when copper really counts. In fact, copper is ahead on many counts. Its lasting qualities have been proved down through the centuries. It requires little, if any, maintenance and when aged, adds a distinctive note to the building. Its salvage value is unusually high.

And because it is so readily worked, installing Revere Copper Sheets to fit the unusual contours of roofs; such as the one that covers the Wollman Memorial Building, Central Park, New York, is done easily and speedily when applied by an experienced contractor in accordance with Revere's recommended techniques. Gutters, downspouts and frieze work on this building also are Revere Copper.

Although copper, because of government regulations, cannot now be used for roofing, we use the Wollman Memorial installation as a means of reminding you of the merits of Revere Copper so that when copper once more is permitted for roofing you will again use it. Meantime remember, while limited, you can still get Revere Sheet, Strip and Roll Copper for flashing.

For through-wall applications, ask the Revere Distributor about Revere Keystone Thru-Wall Flashing.* He also will advise you of the availability of materials and put you in touch with Revere's Technical Advisory Service in the event you wish to discuss your technical problems.

*Patented
fedders
A GREAT NAME IN COMFORT

heating equipment
for homes
hotels
business

apartments
institutions
and industry

UNIT HEATERS
CONVECTOR - RADIATORS
BASEBOARD RADIATION
WALL RADIATION
ELECTRIC WATER COOLERS
DEHUMIDIFIERS

FEDDERS-QUIGAN CORPORATION BUFFALO 7, NEW YORK

Frank J. Weber & Associates
443 Delaware Avenue
Buffalo 2, N. Y.

A. S. Granzen
415 Lexington Avenue
New York 17, N. Y.

Syracuse General Sales Company
205 So. Townsend Street
Syracuse 2, N. Y.

EMPIRE STATE ARCHITECT
IF IT'S ELECTRICAL WE HAVE IT

The Buffalo Electric Co. issues a complete catalog of electrical supplies and apparatus. If you don't have a copy, we shall be glad to furnish one on request. Mail the coupon.

Buffalo Electric Co., 75 W. Mohawk St., Buffalo 2, N. Y.
Please send your catalog without cost or obligation on my part.

NAME
FIRM NAME
ADDRESS

BUFFALO ELECTRIC CO. INC.
ENGINEERING • CONSTRUCTION • APPARATUS • SUPPLIES
Wholesale Distributors • Largest Stocks in Buffalo
75 W. MOHAWK ST. WASHINGTON 4420
Why these wide open schools?

Because architects are designing them for two kinds of space: the kind that's built, measured with a ruler, and the kind that's felt, sensed with your eye.

To make classrooms seem more spacious, they are being built today with clear glass from wall to wall and sill to ceiling. Some rooms have glass from floor to ceiling. Clear glass does not obscure vision. The eye slips past the ceiling to the sky and the surrounding greenery. This creates unity between the inside and the out-of-doors. It makes any room seem larger.

Clear glass also admits the maximum amount of daylight, so that daylight-engineered schools are flooded with natural light. Such design solves the problem of glare because it reduces contrasts in light, the too sharp contrasts that produce glare.

Another advantage of using clear, flat glass for entire walls is its low cost. Clear, flat glass is the lowest cost glazing material you can buy and the cheapest to install.

But low cost is not the big reason for building-in sunshine and view. It's because children and teachers—in fact, office and factory people, nurses and patients, homeowners and apartment dwellers—just naturally love walls of daylight!

Whatever you're going to build, please write for our literature on Daylight Engineering and Thermopane.

Libbey-Owens-Ford, 4291 Nicholas Building, Toledo 3, Ohio.

WHERE WINTERS ARE COLD, Thermopane® insulating glass is widely and successfully used. Thermopane with 1/2" of dry air hermetically sealed between two panes has twice the insulating value of single glass. This minimizes chilliness, drafts and heat loss at windows. Write for Thermopane literature.
New Yorkers are proud of their multi-story low rent housing projects! ... Proud of the design that lets the light flood in on all sides! ... In Albany Houses, illustrated here, Lupton Metal Windows play an important role in this plan of getting the maximum of sun and light into every corner of every room. Lupton Metal Windows meet low rent housing specifications for low first cost and long service life, easy-to-install complete units save installation time, speed up building operations. Sturdy metal frames are precision built at every point. Cannot warp, swell or shrink—always easy to operate.

There is a Lupton Window in steel or aluminum for every type of building. Write for our General Catalog or see it in Sweet’s.

MICHAEL FLYNN MANUFACTURING CO.
51 East 42nd Street, New York 17, New York
Telephone: Murray Hill 2-0625 and 2-0626

Member of the Metal Window Institute and Aluminum Window Manufacturers Association
Handsome, knock-resistant maple Weldwood Plywood storage cabinets, in natural finish, add much to this room's attractiveness, yet achieve completely the functional end desired.

Planning a new school?
...or modernizing an old one?

Check these practical ideas from the new Greenville School in Scarsdale, N. Y.

Why are school architects making more and more use of Weldwood Plywood?

This Scarsdale school, designed by Moore & Hutchins, tells part, yet not all, of the story.

These architects selected Weldwood hardwoods for closets and cabinets. In this way, they created furniture which is "tops" in carefree service and also extremely attractive in appearance.

Built-ins are but one of the ways in which this genuine wood paneling is being used in school construction and remodeling.

With Weldwood, you can have classrooms, auditorium and corridors panelled in beautiful hardwoods at surprisingly low cost. And, once installed, Weldwood walls require virtually no maintenance ... no periodic redecorating. Weldwood Plywood is guaranteed for the life of the building in which it is installed.

In new construction, Weldwood Plywood can be applied directly to the studding. For redecorating, the large panels go up fast and easily right over existing walls ... even over cracked, unsightly plaster.

So, whether your plans deal with brand new schools or time-honored old ones, make sure that they call for a liberal use of Weldwood Plywood ... the quality standard of the industry.

WELDWOOD Plywood
Manufactured and distributed by
UNITED STATES PLYWOOD CORPORATION New York 18, N. Y.
and U. S.-MENGEL PLYWOODS, INC., Louisville 1, Ky.
Branches in Principal Cities • Distributing Units in Chief Trading Areas • Dealers Everywhere
NEW

Vinyl-Plastic Asbestos Floor Tile developed by Johns-Manville

Made of vinyl-plastic and asbestos, Johns-Manville Terraflex flooring is entirely new and different. Its bright, clear colors and rugged characteristics are obtained by blending beautiful, clear vinyl resins with indestructible asbestos.

Unlike other resilient floorings, J-M Terraflex is totally unharmed by strong soaps and caustic cleaning solutions—cannot "wash out". Unharmed by spilled oils and greases, moisture and dampness. Does not crack, curl, become loose or brittle, or shrink around edges. Does not become fuzzy or scratched, or lose its sheen from constant wear. Beautiful pastel colors keep their first-day newness for a lifetime.

The square tile-like units come in a wide range of marbleized colors. Write for free color catalog showing the complete color line as well as Kodachromes of actual installations. Write to Johns-Manville, 270 Madison Avenue, New York 16, New York.
THE STATLER
Headquarters for
THE 1951 CONVENTION
of the
NEW YORK STATE ASSOCIATION OF ARCHITECTS
October 11-12-13  Buffalo, New York
Dream Homes are Happier Homes when GAS does these 4 big jobs...

...It keeps them warm—automatically—dependably, and without a tap of work or fuss by your client. Probably no other modern convenience means so much to the modern home owner as economical, automatic gas heat.

...It provides abundant hot water supply—day and night. The phenomenal increase in automatic gas water heater installations since the war backs up the slogan—"cleaner, quicker, hotter, cheaper." Automatic Gas Water Heating is a "must" in new and old homes, too.

...It helps the homemaker do her biggest job—cooking—more easily, faster and better than ever before. The streamlined beauty of modern gas ranges adds kitchen glamour to any dream house.

...It assures roomy, modern food storage and refrigeration that "stays silent, lasts longer." Millions of gas refrigerators in daily use prove that "Gas Has Got It" in refrigeration, too.

**GAS** has got it and "SMART" homes prove it!

ROCHESTER GAS and ELECTRIC CO.

**BROOKLYN UNION GAS CO.**

IROQUOIS GAS CORPORATION

EMPIRE STATE ARCHITECT
Looking for efficient construction? Then look at the Siegfried record.

SHERIDAN PLAZA
100,000 sq. ft. modern shopping center completed by Siegfried in less than 6 months. G. Morton Wolfe, Architect.

KENMORE MERCY HOSPITAL
$2,000,000 structure to serve 100,000 people in northern Buffalo area. Mortimer Murphy, Architect.

St. Joseph's Collegiate Institute
$900,000 project for modern education — an outstanding Buffalo landmark. O'Connor & DeLany, and Duane Lyman and Assoc., Architects.

University of Buffalo Law School Building
Graceful, dignified building — part of a great university. Duane Lyman & Assoc., Architects.

National Gypsum Company
$2,000,000 expansion program at Clarence Center. The Calcine Building. Hall, Turpin, Wachter & Associates, Architects.

Standard Brands, Inc.
A 22,000 sq. ft. office-warehouse built in fast time under adverse weather conditions. G. Morton Wolfe, Architect.

Beals McCarthy & Rogers, Inc.

Marine Trust Company
Sheridan Plaza Office
An attractive, modern bank building. James & Meadows, Architects.

...A RECORD INCLUDING SOME 1300 OTHER SUCCESSFUL PROJECTS

Your Client's Building Dollar does...
...does the job to exactness...
...the job done on time...
...when Siegfried is the contractor.

During seventeen years in the construction engineering business, the Siegfried organization has developed an invaluable fund building know-how. This has not only solved countless highly specialized construction problems, but it has added hundreds of important landmarks to the Western New York scene. And recently, satisfied clients have engaged Siegfried services for plant expansions in other states.

You'll always find Siegfried the contractor you can depend on for faithful execution of your plans.

TELEPHONE EL. 4124
Create custom window effects with stock size Pella CASEMENT units

Pella Casements are available with vertical and horizontal muntins, horizontal muntins only as shown above, or without muntins.

Only Pella offers a 28” wide ventilating unit with full 24” glass width. Patented hinge design, stronger 1⅞” wood sash and steel inner frame combine to make it possible.

This French-type Pella Window provides generous sash opening. Ideal for kitchens and bedrooms. Glass openings up to 60” high.

Homeowners never tire of praising Pella’s built-in Rolscreens and Dual Glazing features . . . both great time and labor savers.

CHECK THESE Pella FEATURES

ROLSCREENS — Pella Casements are equipped with inconspicuous, convenient Rolscreens that roll up and down like window shades. Rolscreens eliminate putting up, taking down, painting, repairing, and storage of screens.

DUAL GLAZING AND WEATHER STRIPPING — All Pella Casements are dual glazed to insulate against winter cold and summer heat . . . weather stripped to eliminate drafts. Thermopane or Twindow Insulating Glass is also available in standard sizes to fit most Pella windows.

WOOD FOR BEAUTY — STEEL FOR STRENGTH — Frames consist of welded steel inner frame lined with wood. Exclusive Pella feature.

USE MORE GLASS — YET SAVE ON HEAT — You can do it thanks to Pella’s extremely low air infiltration factor. Ask Pella representative to show you how Pella excels over other windows in this respect.

Pella REPRESENTATIVES IN EMPIRE STATE

BINGHAMTON
C. Y. CUSHMAN
25 Roosevelt Avenue
Phone: 2-0294

BUFFALO
A. O. STILWELL CO., INC.
200 Sheridan Avenue
Phone: Taylor 8836

RENSSELAER
CRAWFORD DOOR SALES
ALBANY COMPANY, INC.
Sherwood Park
Phone: 77-3374

ROCHESTER
THE MAURER CO., INC.
31 Richmond Street
Phone: HAMILTON 0030

SYRACUSE
PELLA PRODUCTS CO.
116 South Salina Street
Phone: 2-8828

VALLEY STREAM, L. I.
ROLSCREEN COMPANY
627 West Merrick Road
Phone: Valley Stream 5-8484

Pella CASEMENT WINDOWS, manufactured by ROLSCREEN COMPANY, PELLA, IOWA
when low cost
is essential,
the answer is

Mesker
STEEL WINDOWS ... KNOWN FOR THEIR Strength

33% MORE STRENGTH!

Mesker’s deeper sections, 33%
stronger sections, mean lower
building costs because architects
and engineers work easier and faster,
bUILDERS have less trouble and damage
on the job, and owners get years of lower-
cost, worry-free service. Look to Mesker Steel
Sash, with the deepest steel window sections made,
for advanced features at a cost competitive
with any other window on the market.

Call in your Mesker Sales Engineer
MESKER BROTHERS . ST. LOUIS 3, MO.

EMPIRE STATE ARCHITECT
yes, TWO for the space of one

Architecturally speaking, when you can't expand horizontally, you go up. Bryant engineers did, twelve years ago, when they were called upon to provide gas-fired equipment in a limited space for the world's first apartment building designed to include individual suite heating.

They created the vertical winter air conditioner, and called its installation Personalized Heating. It was one of the few really new developments in heating in several decades, and it set a new standard for heating comfort in all types of multi-family construction.

Later, designers carried the theme a step further... paired gleaming white Bryant automatic water heaters with these vertical winter air conditioners; another space-saving device that was received enthusiastically by planners of multi-family and individual family dwellings alike.

It is a matter of record that these Bryant Personalized Heating systems have been all that they were meant to be, from the standpoint of both cost and comfort. In less space than is normally required for conventional space heating equipment alone, these slim Bryant quality units provide a complete automatic heating and water heating service, economically and surely.

They are an aid to design and construction—and your Bryant Distributor stands ready to lend his aid in helping you to incorporate this efficient, space-saving equipment into your new plans.
FIBERGLAS® ACOUSTICAL TILE...

FOR SUPERIOR NOISE REDUCTION PLUS FIRE SAFETY

NON-COMBUSTIBLE—Fiberglas Acoustical Tile is universally accepted by insurance interests as a non-combustible material based on Underwriters' Laboratories, Inc., listing and as tested under Federal Specification SS-A-118a... also no panic hazard, no toxic fumes. U. L. listing shows smoke developed is negligible.

LOW COST—Fiberglas Acoustical Tiles are low-cost, mineral-type non-combustible acoustical materials.

HIGH ACOUSTICAL VALUE—Noise reduction coefficients up to 85%—as much as 30% higher than the average of most ordinary materials.

DIMENSIONAL STABILITY—Fiberglas Acoustical Tiles will not warp, buckle, expand or contract. This is especially important in locations where humidity may become high, and always should be considered from the standpoint of safety and low maintenance costs.

OTHER FIBERGLAS BUILDING PRODUCTS

FIBERGLAS BUILDING INSULATIONS—Keep winter heat in, summer heat out. Reduce fuel costs. Fire safe, odorless, long lasting, won’t rot, settle or sustain vermin. Available forms: Roll Blankets with continuous vapor barrier, Batt Blankets, Utility Batts, Pouring Wool and Blowing Wool, the latter for pneumatic installation by approved applicators.

FIBERGLAS PERIMETER INSULATIONS—Provide warmer and more comfortable floors in basementless houses, cut heating plant costs and reduce fuel bills. Reduce heat loss from the edges of the warmed concrete floor slabs to the outside air.

FIBERGLAS ROOF INSULATION—Provides efficient underlying layer of insulation for built-up roofs. Durable because fibers of glass are unharmed by possible moisture. Highest insulating value—excellent mopping surface. Approved for use with bonded roofs by leading roofing manufacturers.

FIBERGLAS INSULATING FORM BOARD—One price for installation and material brings: form board, roof insulation, acoustical treatment and fire safety. Used in the construction of gypsum and lightweight aggregate poured-in-place decks over curved, flat or pitched roof framing.

OWENS-CORNING FIBERGLAS CORPORATION

Nicholas Building, Toledo 1, Ohio • Phone: Main 8149

ALBANY • 274 State Street
TelephoneNumber: Albany 62-1079
BUFFALO • 1511 Liberty Bank Building
TelephoneNumber: Madison 4123
NEW YORK • 16 East 56th Street
TelephoneNumber: Plaza 9-3810
SYRACUSE • 514 City Bank Building
TelephoneNumber: 3-5456

*Fiberglas is the trade-mark (Reg. U. S. Pat. Off.) of Owens-Corning Fiberglas Corporation for a variety of products made of or with fibers of glass.

Visit the FIBERGLAS EXHIBIT—Booth 10
THE PRESIDENT'S MESSAGE

THE time has come again to lay aside our business activities and journey to the 1951 Annual Convention of the New York State Association of Architects, to be held at the Hotel Statler in the City of Buffalo, October 11th, 12th and 13th.

From the glowing reports your President has been receiving, a hearty welcome awaits us, where our hosts, the Buffalo-Western New York Chapter, have for several months been arranging a magnificent program of interesting events. A gracious welcome is also extended to the ladies, whose presence is so vital to the success of the Convention, and they, too, may be assured that an enjoyable program has been prepared for them. The grand finale of the 1946 Convention in Buffalo left with us all a nostalgic memory, and we can again anticipate a return visit to the majestic Niagara Falls, and Luncheon at the General Brock Hotel, where we will be joined by the Ontario Association of Architects.

THE "Empire State Architect" this year celebrated its Tenth Anniversary and the records indicate that our publication has had phenomenal growth during these ten years, with no limit to its potentialities, and great credit is due the Publication Committee, headed by Charles R. Ellis, as Chairman, and when you think of the publication, you must also think of its energetic Editor, George Dick Smith, who has given so generously of his time and talents to make it the success it surely is.

Events in Korea remain a subject of national concern and have led to restrictions in certain of the building materials, as outlined by the United States Department of Commerce National Production Authority, with the consequent result of finding ways to "design away from" controlled materials.

THE new Statewide Building Code Commission has been busily engaged throughout the year in preparing the first installment of its aims and accomplishments, and we are happy to report that the Commission invited the New York State Association of Architects to form a Committee to cooperate with them in their work. This was done under the very able Chairmanshio of Samuel A. Hertz, who met with the Delegates from each of the Constituent Organizations, resulting in a fine report which was forwarded to the Commission.

Matthew W. Del Gaudio, Chairman of the Committee on Housing, is continuing his efforts to see that Architects receive adequate fees for their work in the field of housing.

The Legislative Committee has continued its vigilance in Albany to the greater good of the Architectural Profession as well as the public interests.

THE present growth of the New York State Association of Architects augurs the growing need for a Central Office and a paid Executive Director, and the "Executive Secretary Committee" continues to work toward this goal.

So come to the Convention and you will hear your Stewards render their reports—offer your suggestions, and take an active part in the discussions at the meetings and in the seminars and help to make our State Association better able to serve the Profession of Architecture and the public.

I'll be seeing you!

HENRY V. MURPHY.
CONVENTION COMMITTEES

Convention Chairman, Trevor W. Rogers
Convention Treasurer, Philip W. Swain

Advisory
James W. Kibney
Rufus Meadows
Roswell E. Pfohl
G. Morton Wolfe

Architectural Exhibit
James S. Whitman
John T. DeForest

Awards and Honors
James W. Kibney

Commercial Exhibit
G. Morton Wolfe
Program and Seminars
Paul H. Harbach

Publicity
Milton Milstein
Reception and Hospitality
W. Newell Reynolds

Reservations and
Registrations
Alfred G. Baschnagel

Transportation
Stanley Perd

Women's Committee
Mrs. Trevor W. Rogers
Mrs. Roswell E. Pfohl

Bronx Chapter
Ralph J. Marx
William I. Koch
Anthony M. DeRose

Brooklyn Chapter
Marilyn N. Weston
Harry Shafran
Vito P. Battista

Brooklyn Society
Harry A. Yarish
Arnold W. Lederer
Charles Spindler

Central New York Chapter
C. Storrs Barrows
Webster C. Moulton
S. Elmer Chambers

Eastern New York Chapter
Harry F. Rodman
Sigmund Schellkopf
Elton Morrow

Long Island Society Chapter
Daniel Perry
Walter Erbach
Albert Hetman

New York Chapter
Alonzo W. Clark

Thomas H. Creighton
Daniel Lattin
New York Society
Henry G. Greene
Anthony M. DeRose
William J. Minogue

Queens Chapter
Oswald Fischer
Raymond Ferrera
Andrew Webber

Rochester Society
Donald Q. Faragher
Roland Yaeger
John Wenrich

Staten Island Chapter
Maurice G. Uslein
Albert Melmier
Theodore Koch

Syracuse Society
Frederick S. Webster
Lester D. Young
John Pinedo

Westchester Chapter
Frederick P. Sutton
William C. Halbert
William A. Keller


EMPIRE STATE ARCHITECT
PROGRAM  
1951 CONVENTION  

WEDNESDAY, OCTOBER 10th  

4:00 P. M. to 6:00 P. M.  
Registration early arrivals – Mezzanine Lounge  

7:00 P. M. to 8:00 P. M.  
Informal dinner get-togethers for early delegates  
Buffet supper – Dutch treat – Empire State Room  

THURSDAY, OCTOBER 11th  

8:30 A. M. to 5:00 P. M.  
Registration – 17th Floor  
All official delegates must register this date  

9:30 A. M.  
Business Session – Assembly Room – 17th Floor  
President Henry V. Murphy, Presiding Officer  
Reports: Board  
Treasurer  
Secretary  
Committees  
Nominating Committee  
Judging of Architectural Exhibits  
Jury: J. Byers Hays, Cleveland, Ohio  
B. K. Johnstone, Pittsburgh, Pa.  
Shirley Warner Morgan, Princeton, N. Y.  
Opening of Architectural Exhibits – Foyer of Ballroom, First Floor; and Commercial Exhibits, 17th Floor  

12:15 P. M.  
Luncheon – Niagara Room  
Invocation: Rabbi Robert J. Marx, Temple Beth Zion  
Toastmaster: G. Morton Wolle  
Welcome: Rufus Meadows, President, Buffalo-Western New York Chapter  
Response: Henry V. Murphy, President, New York State Association of Architects  
Greetings: Mayor Joseph Mruk of Buffalo  
Speaker: R. H. Puffer, Laboratory Supt., Cornell Aeronautical Laboratory  
Announcements  

2:30 P. M.  
Seminar – Assembly Room 17th Floor  
Subject: “Architectural Services and Fees—Standards of Practice”  
Moderator: Roswell Pfohl  
Speakers: William Stanley Parker—Boston  
Harry M. Prince—New York City  
Henry Ludorf—Hartford, Conn.  
Discussion  

2:30 P. M.  
Trip: Bethlehem Steel Plant by busses from Hotel—Tickets $1.00 per person.  

4:30 P. M. to 5:30 P. M.  
Visit Architectural and Commercial Exhibits  

6:00 P. M.  
President’s Reception – Cocktails—Niagara Room (Ladies, of course).  
Buffet dinner in Niagara Room to follow Cocktail Party or your own parties at your option.  

FRIDAY, OCTOBER 12th  

8:30 A. M. to 1:00 P. M.  
Registration – 17th Floor. Ticket procurement, etc. all day.  

9:30 A. M.  
Business Session – Assembly Room – 17th Floor  
Election of Officers  
Reports of N. Y. S. Association of Architects Defense Committees of Chapters and Societies, presided over by Matthew W. Del Gaudio.  
Visit Architectural and Commercial Exhibits  

12:15 P. M.  
Luncheon – Niagara Room  
Toastmaster: Roswell Pfohl  
Speaker: Dr. Alexander Schwarzen – Nuclear Physics  

36  
EMPIRE STATE ARCHITECT
2:30 P.M.  **SEMINAR — ASSEMBLY ROOM — 17TH FLOOR**  
Multiple Residence Law and Building Codes  
*Moderator:* Matthew Del Gaudio  
*Speakers:* Hon. MacNeil Mitchell—New York City  
Hon. Justin C. Morgan—Buffalo  
Haity M. Prince—New York City  
G. Morton Wolfe—Buffalo

2:30 P.M.  **TRIP — Kleinhans Music Hall and Erie County Schools by busses from Hotel.**  
Tickets—$1.00 per person.

4:30 P.M. to 6:00 P.M.  **VISIT ARCHITECTURAL AND COMMERCIAL EXHIBITS**

7:00 P.M.  **DINNER — BALLROOM**  
Dress optional  
*Invocation:* The Rt. Rev. Lauriston L. Scaife, D. D.  
Bishop of Episcopal Diocese, Western New York  
*Our National Anthem:* Caroline K. Prince  
*Introduction of guests at Speakers’ table by Trevor W. Rogers, Convention Chairman*  
*Toastmaster:* President, Henry V. Murphy  
New York State Association of Architects  
*Presentation of awards in Architectural Design — James W. Kidney*  
*Speaker:* Glenn Stanton, President of A. I. A.  
*Topic to be announced*  
*Announcements*  
*Visit Architectural and Commercial Exhibits*

**SATURDAY, OCTOBER 13th**

9:30 A.M.  **FINAL BUSINESS SESSION — ASSEMBLY ROOM — 17TH FLOOR**

11:00 A.M.  **ORGANIZATION OF NEW OFFICERS, PARLOR A**  

*11:45 A.M.*  **LEAVE FOR NIAGARA FALLS, ladies to accompany.**

1:00 P.M.  **LUNCHEON AT GENERAL BROCK HOTEL, NIAGARA FALLS, ONTARIO**  
Presided over by President Elect, New York State Association of Architects  
Luncheon held jointly with Ontario Association of Architects  
Remarks by Earle L. Sheppard, President Ontario Association of Architects  
Luncheon arrangements by Mr. and Mrs. Anthony Bets, Mr. and Mrs. Charles Thiele and Mr. and Mrs. William Cannon, Jr. (Niagara Falls committee)  
*Announcements*  
Optional Sightseeing Trip to follow luncheon

**CONVENTION ADJOURNED**

* If you are a naturalized citizen be sure to bring your citizenship papers or other identification so that you will have no trouble in entering or leaving Canada. It’s a foreign country—you know.

**Women’s Program**

**WEDNESDAY, OCTOBER 10th**

7:00 P.M.  **Informal get-together for early arrivals — Mezzanine Lounge**  
*Buffet Dinner to follow.*

**THURSDAY, OCTOBER 11th**

12:30 P.M.  **LUNCHEON, BRIDGE — Buffalo Launch Club.**

6:00 P.M.  **PRESIDENT’S RECEPTION — Niagara Room**  
*Cocktails — Buffet Dinner and Dancing.*

**FRIDAY, OCTOBER 12th**

12:00 Noon  **LUNCHEON AND FASHION SHOW — Georgian Room**

7:00 P.M.  **ANNUAL BANQUET — Ballroom**

**SATURDAY, OCTOBER 13th**

11:45 A.M.  **BOARD BUSES FOR NIAGARA FALLS.**

1:00 P.M.  **LUNCHEON AT NIAGARA FALLS.**
Without a doubt the most startling change wrought by Buffalo’s many “face-lifting” operations is the Dante Place low cost housing project where six 12-story modern, fireproof concrete structures rise on what was once the site of the city’s most disreputable slums.

616 low income families will be housed in steam-heated individual apartments, each with kitchen and bath, electric range and refrigeration and running hot water. Laundry, drying, recreation and community activity spaces will be adequate and administered by a staff quartered on the premises. The total cost of the project will be under $6,000,000 including the cost of site, landscaping and all community facilities—well under $10,000 per dwelling unit. A feature article on this project is planned for an early issue of Empire State Architect. See the project while at the convention and ask questions of the architects, Backus, Crane and Love.
NEW PRIVATE SCHOOL
HAS RESIDENTIAL AIR

Duane Lyman & Associates, Buffalo architects, have created a truly modern private school for children on a flat, restricted site near the Nichols School for Boys at Colvin Avenue and Amherst Street just north of Delaware Park. It is planned to accommodate boys from nursery through fourth grade and girls from nursery through eighth grade. The plan is economical and the building is intimate and residential in scale.

The Elmwood-Franklin School, as it is called, has ten classrooms, gymnasium, cafeteria, kitchen, library, art room, science room and music room. Nursery, kindergarten and first grade rooms have individual toilets. By means of folding partitions the nursery is divided into three parts, all visible through concealing panels from the nursery office. A specially ventilated drying room is furnished for the children's leggings and coats. Individual blanket and coat cubicles are provided. The kindergarten through fourth grade rooms, each approximately 22 feet by 53 feet, are divisible by folding partitions. All classrooms have bilateral lighting. Interior light comes from high windows in the clerestory walls above the hung corridor ceilings and below the skylights. Between the chalk and cork boards and the clerestory windows is a display shelf with windows to the corridor. An overhang is provided at the exterior windows and each classroom has an exterior door opening to a continuous walk. Classrooms are lighted principally by fluorescent fixtures. Heating is by a combination of unit ventilators and convectors exhausting to the clerestory space. There is a standard two-temperature system of heat controls with individual room thermostats.

Structurally, the first floor is poured concrete on piers, the roof precast concrete slabs on steel purlins. Exterior curtain walls are of brick facing with 8" concrete backup exposed and painted in the classrooms. Materials were chosen for permanence, fire-resistance and lack of need for maintenance expense.

The school contains 300,000 cubic feet and was built for $451,000 exclusive of site, fees and equipment. It was completed five months after steel delivery. Siegfried Construction Co., Inc. handled the general contract. Sub contractors were George E. Schank, Inc., Plumbing; Joseph Davis, Inc., Heating and Robertson Electric Co., Inc., Electric work.
The Edward H. Butler Library at the New York State College for Teachers at Buffalo is being constructed at a cost of $552,811.00.

The structure, in the general shape of a cross, is of salmon-colored brick with liberal use of glass. The main entrance, 20 feet high and 13 feet wide, features glass doors set in aluminum, and faces west. At the center of the building there is a 40-foot square, glass-enclosed main circulation room, two stories high. A librarian sitting at the main desk there can look north into a periodical room, west into the reserved-books room, east into the main reading room, or south into the catalog room. The main reading room, also two stories high, is almost as large as the ballroom of Hotel Statler. An outdoor reading terrace, where students can study in pleasant weather, will open from the window-lined north wall. Space will be available immediately for 100,000 books, with room for eventual expansion in the basement. The building can accommodate about 700 students.
Besides the catalog room, the south wing accommodates an entrance lobby, coat rooms, librarian's office, receiving area and rest rooms. On the second floor there are four seminar rooms, a staff room, and instructional materials laboratory.

Recessed fluorescent trough lighting has been placed in an acoustically lined ceiling throughout the building except in the stacks. These are lighted with fluorescent tubes.

All stacks will be open to the students. There are 40 carrels — small cubicles for private study — for upperclassmen and graduate students. The plans permit supervision of the library by comparatively few staff members.

A mention for design was awarded this building by the N.Y.S.A.A. in Convention in 1950.
St. Martin's School is located on a site bounded by Abbott Road, Downing and Hansen Streets. It has an L-shaped plan, with a two level section along Downing Street, and a one story wing on Hansen Street. A parish hall, kitchen, storage rooms and toilet rooms are located on the lower level. Two classrooms for lower grades at ground level in the one story wing have easy access to the outdoor paved play area inside the "L", also to the parish hall for winter play periods. A book storage room, janitor's workshop and boiler room complete the ground floor layout. The upper level contains six classrooms, library, general office, health examination room, teachers' room and toilet rooms. Although the floor of the parish hall is on the lower level, approximately 1'-0" below grade, the "basement feeling" is completely eliminated by the glass block side walls having continuous ventilating sash the full length of the hall, starting at normal wainscot height and extending to the ceiling.
A complete and detailed description of the new Medical - Dental building as is customary in a presentation of this kind would require space far in excess of that allotted to us. It is difficult to imagine a type of structure more intricate in all its many features and more difficult to select any particular feature without minimizing others equally important. Altogether, more than 2½ years were spent in its planning during which time most of the modern medical schools in the United States and Canada were carefully studied and improved upon where possible.

The school will accommodate a freshman class of 100 Medical and 80 Dental students in each of the basic science departments. These basic science departments, consisting of Pathology, Bacteriology, Biochemistry, Physiology, Pharmacology and Anatomy, are attended by both medical and dental students for their first and second years. The third and fourth year dental students then attend the Dental school where their training is devoted to clinical work and research. Ample research laboratories are provided in both schools.

Animal quarters and Virology laboratories occupy the top floor. Two amphitheatres seating 160 and 250, a student lounge and a complete library and stock room for 120,000 books will be used jointly by the two schools. Life size television will be provided in the main amphitheatre.

Due to its exposed location, it was mandatory that each of the four facades be given equal consideration. The main entrance to the Dental wing faces north toward the Main Street - Bailey Avenue intersection, while the main entrance to the Medical wing faces Bailey Avenue and the new Veterans Hospital. Secondary entrances are on all sides to provide easy access from the campus and parking areas.

The building varies in height from two stories at the ends to five stories in the center; and is serviced by two elevators at opposite ends of the central corridor.

The overall dimensions are 250' x 450' with provisions for the future extension of the center section to the south. The structural frame is of reinforced concrete and is designed to take one additional story should the need for further expansion develop.

The question of architectural style was a little controversial. The traditional style of the campus is Georgian and there were many who felt that the style should be continued. Others argued that since the building was not within the main quadrangles that the aesthetic demand that the Georgian style be continued was not valid. It is our feeling that the decision to adopt the contemporary style was a fortunate one and will set the pattern for future buildings not lying directly within the main campus group.

During the time this important decision was being thrashed out, our job captain, Lew Howard, having grown a little pessimistic over the outlook and in order to reinforce our sinking spirits, laid the following heart warming memorandum on my desk.

"On examining the plans for the new Medical and Dental School building, one is impressed by the predominance of laboratories. Because of the manner of teaching medicine and dentistry this is as it should be. However, rapid strides are being made in medical science. This means that there is always a possibility of deleting courses from the curriculum and adding new ones requiring more or less space. Another possibility is that some of the existing departments may expand while others contract. In other words, the plan must be flexible to an extreme to accommodate the ever changing requirements of an up-to-date medical school. This building, as planned, will have this characteristic since most of the partitions are of a movable type. The floors and ceilings are continuous under and over them, and mechanical and electric lines, being exposed may easily accommodate these revisions. If this were not so, it is conceivable that

(Continued on Page 108.)
Another of the outstanding new buildings on the Cornell Campus is the "Statler Hall." This building is actually a hotel and houses the School of Hotel Management of Cornell University. The architects were "Holabird and Root" of Chicago.
Amherst Lutheran Church was built for a group of Buffalo Lutherans, mostly suburban dwellers, who sought a quiet American Colonial type of mission church building as the initial enterprise of their church plant. They had been holding services in temporary quarters not their own and this was their first experience in housing their religious activities. The site is adequate for a future sanctuary of much larger dimensions and before the building was located on the plot a preliminary layout was made to determine future growth.

Rigid economy entered strongly in the planning of the building. Rock lay eighteen inches below the surface and a one-floor building was indicated, in which all activities were to be housed. This meant that social as well as religious activities must be held in the same room. To this end the chancel was arranged to be cut off by curtains during social events, but leaving a platform in front of the curtain for use at those times. The clerestory center of the nave has seating capacity for one hundred with sixty-five more seats in the two side aisles. There are also two Sunday-school rooms in the rear end of the side aisles.

There are men's and women's toilet facilities off the Narthex and a kitchen and study on either side of the chancel. Storage is provided for tables. Chairs instead of permanent pews are in use.

The entrance porch is sheltered by being deeply recessed. The raised portion of the chancel allows headroom for a shallow basement in the rock to house a hot water heating plant. The church and the front porch steps and walk are all heated by panel heating in the thickness of the concrete slab. The construction is load-bearing masonry walls and wood roof framing.
The Floyd Newman Laboratory of Nuclear Studies was named for Floyd R. Newman, Cleveland petroleum industrialist and Cornell graduate of 1912, in recognition of a generous gift to the University in February, 1949. It consists of two buildings located on the north side of the campus atop one of the highest hills in the area.

The smaller building approximately 70 feet square and 24 feet high is a one-story structure which houses the synchrotron magnet. The building is partly below grade to gain the advantage of an earth insulation to shield delicate radiation-measuring instruments from such scattered radiation as the synchrotron might give off while in operation. A pedestrian and service tunnel connects the synchrotron room with control and detector rooms in the larger building. Tunnel doors are interlocked with the control panel to prevent opening when acceleration is underway. The magnet is so oriented that its ray passes through special doors and spends itself over Beebe Lake on the campus.

The main laboratory building is five stories high, forty feet wide and one hundred sixty feet long. The frame is of concrete with a single row of columns on the long axis. Beamless slabs cover the span from center support to outside walls. Exterior facing is light gray semi-glazed brick with aluminum strip windows. Continuous horizontal louver aluminum shades protect the southern facade.

Scientists' offices and laboratories are located on the three upper floors; shops, power generating stations and electronics storage occupy the lower floors. The entire building is air-conditioned to afford atmospheric control for experiments. On the roof are a scientists' lounge and deck, the air-conditioning fan room and a cosmic ray observatory. Sleeves through roof and walls permit wire connections between deck and indoor instruments. To effectively dissipate the terrific heat of atomic explosions, thirty thousand cubic feet of air per minute can be pumped into the base of the magnet and exhausted through a hood-like arrangement overhead.
Front elevation of Corning Glass Center which shows a fine example of glass for structural use.

West side of Corning Glass Center showing the extensive use of glass brick.
38-foot diameter indoor-outdoor garden in Science Section. Largest pieces of bent glass ever made. Fishpond in foreground doubles as skylight for refreshment area on the floor below.

North side of the Glass Center showing the ventilators for the Steuben blowing room at the rear.
T. H. Keating, Chevrolet General Manager, has announced that Chevrolet will soon add 1,000,000 square feet to its present manufacturing plants in the Buffalo Area. This will bring Chevrolet's total locally to over 3,000,000 square feet. The new construction will be on Chevrolet-owned land between its Tonawanda Manufacturing Division on River Road and the Government-owned Chevrolet Aviation Engine Division on Kenmore Avenue. The new manufacturing capacity is needed for the production of Wright R-3350 aviation engines.

Three building projects are involved. One will be an addition of 360,000 square feet at the back of the present plant. Another will be a new foundry of 320,000 square feet for making aviation engine castings and the third will be a forge plant also needed on the aviation contract. The present Chevrolet power-generating plant will be enlarged to increase its output to enough electricity to serve a town of 50,000 persons. A new pumping station will supply enough water to serve the needs of 25,000 people.

Factors influencing Chevrolet's decision to expand in the Buffalo Area are reported to be:
1. Availability of the right types of labor.
2. Ingot capacity of the Buffalo steel industry.
3. Capacity of the local metal-working industry to handle contemplated sub-contracts on the aviation engine order.

Key unit in the new expansion is the Government-owned plant on Kenmore Avenue where Chevrolet built 60,776 Pratt & Whitney aviation engines during World War II.
AN AMERICAN ARCHITECT TAKES A LOOK AT EUROPEAN ARCHITECTURE*

* The writer recently returned from a European trip which was undertaken by a group of architects of the American Institute of Architects. The trip covered England, Sweden, Switzerland, Italy and France. The group was received by officials of various communities and by leading architects of each country.

By H. I. Feldman, Architect

In appraising European architecture it is natural to make mental comparisons with the architecture of America. However, it is necessary to take into consideration in our appraisal the different background, traditions, and economic status of the country and the availability of labor and materials. The architecture of Europe reflects all these influences in the solution of their problems.

In Europe, for example, the variety of building materials is limited. They are expensive while labor is relatively cheap. Comparatively few buildings are faced with face brick because face brick is relatively expensive. As a result, stucco is almost a universal surface material in practically all types of buildings except monumental structures where natural stone is used.

Strangely enough, stucco is used in not only the central and southern countries of Europe but also in the northern countries such as Sweden. While the experience with stucco in America in the northern sections has been poor due to the variations in temperatures in summer and winter, the stucco in Sweden has fairly successfully withstood such temperature changes. The Swedish architects seem to have solved this problem by the introduction of lime into this stucco which seems to have done the job.

There is almost no speculative housing construction in Europe. The reasons for such a condition is the difficulty of financing and the comparative modest rentals Europeans traditionally pay for living quarters.

SWEDEN

In the construction of low rent housing various devices are used by the various countries to create such housing. In Sweden, for example, the cooperative societies, aided by government and private financing, have produced some interesting results. In addition to these benefits, a tenant in a housing project will receive a 10% reduction in rent for each child, the maximum reduction being 70% for seven children. These inducements have been government sponsored to encourage an increase in the population.

In addition there has been the housing project sponsored by industry for their workers. An example of such a project is at Gustafson, manufacturers of enameware, porcelain and chinaware, who have been experimenting in workers' homes and multiple dwellings for over fifty years.

The housing projects in Sweden vary in height from one to ten stories. A characteristic of Swedish housing is the exterior balcony, not very large in size, but nevertheless an integral part of the plan. Flowers play a large part in Sweden as well as in all other sections of Europe. In each living room window may be seen a variety of flowery plants and also attached to the balcony railing are flower pots and flower boxes.

Where there is more than one building unit the color of the stucco varies for variety. The housing units are generally devoid of decoration depending on the building mass, fenestration and balconies as the architectural elements of design. The structural frame is generally concrete.

In Sweden all living spaces are required to have ventilation in addition to the outside windows. Such ventilation is in the form of a grille in the exterior wall underneath the window sill with registers and ducts at the opposite end of the room.

An example of housing undertaken by industry for its workers is the Port Sunlight Development of Lever Brothers where private homes with flower and vegetable gardens were provided.

ENGLAND

In England elaborate studies in town and regional planning have been made particularly in bombed out areas such as Coventry, East End of London and the newer suburban areas. These studies in town planning are long range in scope and attempt to achieve solutions from the individual living unit to the integrated regional plan. Shopping areas, recreational areas, industrial areas and residential areas are all allocated in relation to an integrated way of life. Studies have been made of the various age levels of groups of people to determine the respective needs at each age level and the distribution of the respective activities at these different age levels for each hour of the day. Charts have been made as a result of these studies and the solutions will attempt to supply the actual needs of the population as indicated by these scientific surveys. The housing built in the East End of London are the row type varying in height from two to five stories and follow more or less the pattern of the F.H.A. row type housing such as has been built in the United States since World War II. The kitchens are not as streamlined nor the fixtures as advanced as they are in America. Such an observation is relative. Every apartment kitchen in Europe generally has a food storage closet and that is required to be ventilated.

SWITZERLAND

In Switzerland low rent housing is created through cooperative societies with government assistance. Such housing includes one family type with private gardens and the multi-family type of two and three stories. One of the innovations in planning claimed in Switzerland is the placing of the narrow end of the building toward the street with the deep end toward the

(Continued on Page 110.)
Vents below insulation let heated air out, cold air in, waste fuel in winter. This defeats the purpose of insulation, which is to prevent the escape of heat.

Ventilation is generally necessary above all insulations, less in residences, more in buildings where crowds or other conditions create large amounts of water vapor. Where roof rafters are insulated, it is good practice to cap under the ridge, insulate across, and ventilate above.

With ordinary insulation, at least 1 sq. in. of free opening is needed for each 4 sq. ft. of ceiling and wall surface exposed to vapor flow. No point in the vented space should be more than 25 ft. from a vent opening. Adequate ventilation takes care of vapor which seeps through into a building space from within, and of evaporated water which leaks in through nail holes and other openings from without. In summer, attic vents help lessen the heat load imposed by the sun.

Multiple accordion aluminum is non-condensation forming, non-absorbent. Since it is impermeable to vapor, it will slowly force out, even without vents, ordinary amounts of fortuitous vapor which has leaked in through openings in the outside walls. (To do this, an insulation must have a permeability no greater than one-fifth that of the colder outer wall or roof.) Venting accelerates this process.

Multiple accordion aluminum turns back 97% of the infra-red rays striking it; emits from its opposite surface but 3%. There is negligible conduction, and convection is blocked. The commercial form of multiple accordion aluminum, with 6 integral reflective spaces and 6 reflective surfaces is Infra Insulation Type 6.

THERMAL FACTORS, TYPE 6 INFRA
Up-Heat C.089, R11.23 equals 4 3/4" DRY Rockwool
Wall-Heat C.073, R13.69 equals 5 3/4" DRY Rockwool
Down Heat C.044, R22.72 equals 9" DRY Rockwool
VAPOR PERMEABILITY equals ZERO

INFRA INSULATION, INC.
10 Murray Street New York, N. Y.
Telephone: COrlandt 7-3833
GREETINGS FROM THE
BUFFALO CHAPTER

"The Buffalo-Western New York Chapter extends its most cordial welcome to all members of the State Association, and we hope you will all be in Buffalo with your families on October 11, 12 and 13. We have all been working hard to give you the best convention ever. We assure you a wonderful time and an interesting convention. Come and try our hospitality."
Rufus W. Meadows, President

NEW YORK CHAPTER

Elevation to Fellowship in the A.I.A. is one of the highest honors which the professional society can confer. This month, in Chicago, thirty-nine men are being so honored. The New York Chapter is proud to announce that nine of its members have been elected to fellowship because of outstanding service to the profession as follows:

Welles Bosworth — for achievement in design and for public service. He is best known for his group of buildings for M.I.T. in Cambridge, the American Telephone Co. building at 195 Broadway, and his work on the restoration of the palaces and gardens of Versailles and Fontainebleau and the Cathedral of Reims, France. He is now living in retirement in France.

Henry Stern Churchill — for public service. His most notable contribution to the development of architecture in the U.S. has been his clear thinking in city planning, especially in relation to housing. A distinguished authority in this field, he has lectured at universities and to professional and civic groups. He is author of "The City Is The People" and numerous magazine articles and technical studies, all focusing on the need for positive aesthetic qualities in architecture.

Walter H. Kilham, Jr. — for achievement in design. The Firestone Library at Princeton University, in which he harmonized a large modern building with the scale and Gothic detail of an established campus, has exerted a tremendous influence on library design. Active in municipal affairs in New York City, he has worked for a new zoning law, and in 1944 made a community survey published by the Board of Education, analyzing the problems to be considered in planning school buildings. He has served on important national and local A.I.A. committees, and was president of the New York Chapter in 1949-50.

William Lescaze — for achievement in design, education and public service. He has crusaded for contemporary architecture in his writings and lectures, and through the example of his own understanding design work. The Philadelphia Savings Fund Society Building, the first air conditioned skyscraper, done in association with George Howe in 1932, is widely acclaimed as one of the best office buildings in the country. Another first was his use of glass brick in residences in 1935. Active in housing and planning af-
Savings Bank dollars transform blueprints into homes

BUFFALO SAVINGS BANK
ERIE COUNTY SAVINGS BANK
WESTERN SAVINGS BANK
BUFFALO, N. Y.

Members: Federal Deposit Insurance Corporation
ARE YOUR BY-LAWS IN ORDER?

By E. J. Gambaro, Brooklyn Chapter, A.I.A.

The orderly processes of conducting the affairs of any well run organization are contained in its "governing rules" known as By-laws. Clarified and amended according to need, these By-laws must be kept up-to-date at all times. How effective they are depends on an alert and active Executive Committee and membership.

Like all written documents, they can always be improved upon. We should not, however, at the beginning, needlessly consume too much time in striving for an impossible perfection of detail. The essential thing is to prevent the elaboration of a document which is both cumbersome to change and yet is likely, because of its detail, to require frequent alteration. After a set of By-laws or amendments has had a reasonable amount of study and preparation it should be put into use as soon as possible. Undue and prolonged discussions and deliberation will take the members from interest to boredom and eventually frustration. The only real criterion, after all, is testing them by actual use. Those sections found to be impractical or unworkable can readily be revised or amended.

The By-laws of the Brooklyn Chapter, A.I.A. were last revised and printed about ten years ago. Since that time there has been a number of revisions and amendments which the Secretaries of The Institute and the Chapter have on file. All administrations have conscientiously kept the membership informed of these changes. Recently the printed supply became depleted and President Weston (now Retired) formed a special Committee on By-laws whose duty it was to revise them and bring them up-to-date in conformity with the By-laws of The Institute.

Among the Committee's recommendations were provisions covering our affiliations with The New York State Association of Architects and the recently organized Architects Council of New York City. These two active organizations play an important role in our professional unity and service in their respective jurisdictions.

Perhaps the Officers and Executive Committees of the other constituent organizations of the State Association and the Council would like to consider these provisions in relation to their own By-laws. Doing this will not only serve to integrate our relationship but will also make the members more aware of their responsibilities and call attention to our organizational framework. (Refer to "Organizational Framework, New York District, A.I.A." Empire State Architect, May-June issue 1951, Vol. XI, No. 3.)

The following Article numbers correspond to those of The Institute's "Advisory Form of Chapter By-laws". These numbers and their respective headings will serve as a guide in the study and comparison of your own By-laws. Portions underlined have been added to our present Sections.

Article 1. Name, Objects, Organizations and Jurisdiction.

Section 1. Name.

The name of this organization is Brooklyn Chapter of The American Institute of Architects.

In these By-laws the above named Chapter is referred to as this Chapter. The American Institute of Architects as The Institute. The Board of Directors of The Institute as The Institute Board, the New York State Association of Architects as The Association and the Architects Council of New York City as The Council.

Section 5. Admission Fees and Annual Dues.

(b) Every assigned member of this Chapter shall pay $15.00 and every unassigned member of it shall pay $15.00 to this Chapter as an annual dues, exclusive of Association and Council dues.

(Note: The amount of Association and Council dues was not given in our Chapter By-laws because these dues are not controlled by the Chapter. Association dues, $2.00 annually per member, are fixed by Convention action; Council dues, $1.00 annually per member, must be approved by each of the seven Member Organizations.)

Article 9. Section 13. Relations with other architectural organizations.

(c) The assigned members of this Chapter in good standing shall elect a Director and Delegates to represent them at meetings and conventions of The Association in the same manner prescribed in Article 13, Section 5.

(Note: The State Association is a State Organization of The Institute. As such, it forms the New York District, A.I.A. and represents The Institute in the State of New York. As an Institute Chapter we are automatically bound to cooperate with it.)

(d) The Executive Committee shall cooperate with The Council on matters affecting the profession in the City of New York, exclusive of those affecting the affairs or business of The Institute.

(Note: While The Council is not a component part of The Institute, the Executive Committee should be cognizant of the need for cooperation.)

(e) Two Representatives to The Council shall be elected in the same manner prescribed in Article 13, Section 5. One of these Representatives shall be designated as having the voting power. The term of Office, duties and responsibilities shall be as prescribed in the By-laws of The Council.

(f) In the event of the disability, refusal or failure to act, by either one or both of the Representatives, the Executive Committee shall elect successors to complete their respective terms.

In studying and reviewing the By-laws the Committee also considered the provisions covering the powers and responsibilities of the Executive Committee, which are not always understood. Some of the members occasionally feel that this hardworking and important Committee holds too much power. The By-laws clearly define and limit these powers.

Large groups are inherently clumsy instruments for formulating policies, analyzing problems, adjusting differences and discovering solutions. Their debates are usually digressive and involved repetitions of Committee discussions. Their decisions are the end results of thinking begun by active individual members and Committees.

The Executive Committee, on the other hand, made up of the elected Officers and Directors, acts easily as a planning agency and clearing house; its duties include administering the general business of the Chapter. Its decisions and actions are announced by the (Continued on Page 107.)
Warmth... Texture

...Beauty

and never have cost comparisons been so favorable to this permanently beautiful wall material

Time works with you in long term low cost when the walls are Roddiscraft Hardwood Plywood. Once installed, it yields the most years of useful service and requires the least in present day costly man-hours of work to keep it always attractive.

Roddiscraft Plywood is manufactured from the best veneers available — both domestic and foreign — carefully matched and fabricated by expert workmen who take pride in an established tradition of craftsmanship.

RODDIS PLYWOOD & DOOR CO., INC.
920 E. 149th St.
New York 55, N. Y.
Francis Keally
New York Chapter

D. K. Sargent
Central N. Y. Chapter

Rufus W. Meadows
Buffalo-W. N. Y. Chapter

Sigmund W. Schellkopf
Eastern N. Y. Chapter

John W. Briggs
Rochester Society

Maurice G. Uslan
Staten Island Chapter

Vito Battista
Brooklyn Chapter

J. Murray Hueber
Syracuse Society

Michael A. Cardo
Bronx Chapter

Daniel Perry
Long Island Chapter

Simeon Heller
Queens Chapter

William C. Halbert
Westchester Chapter

Harry A. Yarish
Brooklyn Society

PRESIDENTS
of the
CONSTITUENT
ORGANIZATIONS

EMPIRE STATE ARCHITECT
Your Client's Factory and Warehouse Floors Can Be Successfully Re-surfaced

METALLIC WEARING SURFACE
(Optional)

NEW BONDED CONCRETE FINISH

OLD STRUCTURAL SLAB

PHOTO OF CORE FROM
VANNIER RE-SURFACED
CONCRETE FLOOR

Cross-section of Asphaltic Concrete Wearing Surface showing Aggregate Arrangement Designed to Carry Maximum Loads—both Moving and Static.

The VANNIER METHOD of Re-surfacing Concrete with Concrete

(illustrated above at left)

is practical, not only from the standpoint of DURABILITY but because of the important SAVING IN TIME. The new concrete wearing surface can be completed in from four to six days, depending upon conditions. If our Asphaltic Concrete Surface (illustrated at right) is specified, only twenty-four to forty-eight hours are required.

We will be glad to make a survey of your floor conditions and submit recommendations and quotations.

The following pamphlets are available on request: Floor Design and Construction . . . Resurfacing Concrete with Concrete . . . Asphaltic Concrete Flooring.

The VANNIER CO., Inc.
CONTRACTORS

DESIGN
INDUSTRIAL FLOORS

CONSTRUCTION
LOW WATER-CEMENT RATIO CONCRETE FLOORS AND ASPHALTIC CONCRETE FLOORS BY THE VANNIER CONSTRUCTION METHOD
RESURFACING OF PRESENT FLOORS • CONCRETE RESTORATION • FOUNDATIONS • ROADWAYS

4430 BAILEY AVENUE
BUFFALO 21, N. Y.

Tel. AMherst 0828

EMPIRE STATE ARCHITECT
MEMBERS
NEW YORK STATE ASSOCIATION OF ARCHITECTS
1951

BRONX CHAPTER

President
Michael A. Cardo
Vito P. Battista
Herman P. Marks
Andrew Di Camillo

Vice President
Anthony M. DeRose
Harry Silverman
Veit J. Pirro

Secretary
George J. Rusciano
Irving P. Marks

Treasurer
Ludwig P. Bono

BRONK CHAPTER

President
Adolpho, Irving
Vito P. Battista

Vice President
Adolpho, Irving

Secretary
Harry Silverman

Treasurer
Irving P. Marks

BROOKLYN CHAPTER

President
Vito P. Battista

Vice President
Harry Silverman

Secretary
Irving P. Marks

Treasurer
Andrew Di Camillo

EMPIRE STATE ARCHITECT 59
Education

BY COWPER

Cultural evidence of the skill, responsibility and integrity that go into Cowper-built structures.

THE JOHN W. COWPER COMPANY

INCORPORATED
ENGINEERS-CONTRACTORS

36 YEARS OF PROGRESS
whether your project calls for equipment made to standard specifications, or for a special engineering approach and custom fabrication to rigid requirements, the Peelle-Richmond organization is equipped to serve you.

The Richmond Fireproof Door Co.
RICHMOND, INDIANA
DOORS FRAMES & HARDWARE

Underwriters' fire doors: metal clad; single-slide and double-slide
Underwriters' fire doors: metal clad; single-swing and double-swing
Kalamein doors: flush design or paneled; single or double-swing
Industrial steel doors: single or double-swing
Welded steel frames and universal knockdown frames for fireproof doors; also frames of special widths and heights to order

The Peelle Company
BROOKLYN, NEW YORK
ELEVATOR DOORS

Freight elevator doors: motorized or manual
Motorized car gate
Dumbwaiter doors

The Peelle Company
BROOKLYN, NEW YORK
SPECIAL PURPOSE DOORS

3 section vertical lift door, motorized, stainless steel and glass, 24 x 35 feet
10 section, horizontal slide, center parting hangar door
Horizontal slide, re-inforced concrete, soundproof door; 20' x 20', for engine test cell

The Peelle Company
BROOKLYN, NEW YORK
MOTORSTAIRS

Peelle Motorstairs 24", 32" & 48" for stores, banks, hotels, plants, transportation terminals, theatres and office buildings.

THE PEELLE COMPANY
47 STEWART AVENUE, BROOKLYN 37, NEW YORK
Elevator Doors
Special Purpose Doors
Motorstairs

THE RICHMOND
FIREPROOF DOOR COMPANY
NORTHWEST FOURTH STREET, RICHMOND, INDIANA
Fireproof Doors
Frames and Hardware

THE PEELLE COMPANY
ELE33\\013E RICHMOND EMPIRE STATE REPRESENTATIVES
J. K. Spath & Sons
13 Buckingham Drive

Babcock, Hinds & Underwood
174 Washington Street

A. O. Stillwell Co., Inc.
200 Sheridan Avenue

The Maurer Co., Inc.
31 Richmond Street

B. R. Johnson & Sons
5900 South Solina Street
for rugged wear
and lighter weight

Architectural designs that will be subject to daily abuse and yet must retain shape and appearance are safe with three-dimensional design-strengthened, textured RIGIDIZED METALS. From store fronts to hospital radiator covers (illustration above), these versatile metals resist daily damage. Maintenance costs are lowered because RIGIDIZED METAL'S resistance to rugged treatment and metal costs are lowered because of its increased mechanical values.

CONSERVATION OF STRATEGIC MATERIALS is gained through metal gage reductions possible with the redistribution of metal throughout the cross-sections. Because of increased flexural rigidity and impact resistance, together with scratch-and-dent-resistant surfaces, these maximum-strength, minimum-weight metals have unlimited product applications throughout the architectural field.

Write ON YOUR COMPANY LETTERHEAD for a copy of the RIGIDIZED METALS CONSERVATION HANDBOOK Today!

EMPIRE STATE ARCHITECT
That's why the sills and spandrels of the new veterans' hospitals in Albany and Buffalo are of Alberene Serpentine ... and the window stools in these buildings, as well as the new Buffalo State Hospital, are of Regular Grade Alberene Stone — all stone from the Alberene Quarries. Write today for complete data and samples to —

ALBERENE STONE CORP.
Upper New York State
Sales Office
120 Village Lane, Rochester, N. Y.
For more details on Mo-Sai see Sweet's Architectural File, Section 4d, or write direct for illustrated 8-page folder.

Mo-Sai is a pre-inspected, factory-controlled masonry panel with an exposed mosaic-like surface of colored quartz or granite, obtainable in varied shapes. Through this medium designers have unlimited freedom at surprisingly low cost.
Low MAINTENANCE . . .
High PERFORMANCE . . .
for Institutional Service

TITUSVILLE Scotch Marine
BOILERS

Quick steaming and high efficiencies make Titusville Scotch Marine Boilers a favorite choice for schools and institutions. The last word in boiler economy and durability is "Scotch", as produced by Titusville. Write for literature, stating your service needs.
LONG ISLAND CHAPTER

President
D. Perry

Vice President
John H. Langlois

Secretary
Walter Brach

Treasurer
Albert J. Heitman

Allardt, Frederick Edward, Jr.
Barnes, George O.
Becker, Donald A.
Bierschenk, Carl E.
Bruch, Walter John
Coote, Arthur W.
Dow, Louis, J.
Dietz, William
Eagen, Ambrose V.
Equierian, Manug
Foster, George G.
Goldberg, Adolph
Grosser, Albert
Greene, Harold J.
Heidelberger, Richard J.
Heitman, Albert J.
Horenburger, Anthony W. H.
Jagow, Paul F.
Johnson, Henry W.
Kline, Edwin
Knowlton, Alexander W.
Koehle, Herbert W.
Langlois, John H.
Lincoln, Lawrence J., Jr.
Loughman, John
Lukowsky, Richard L.
Lynch, Clarence S.
McCarthy, William, Jr.
Majer, Frank, Jr.

1921 Lenox Rd., Schenectady
11 Daniel Ave., Albany
10 Broad St., Glen Falls
R.P.L. Troy

Meadowbrook Bldg., Sunrise Highway, Bellmore

Sawatzky Department Store, Houston, Texas—Alfred C. Fien, Architect

EMPIRE STATE ARCHITECT

From Coast to Coast — and now to the Gulf, Vermont Marble Veneer effects economy in construction and maintenance and embalishes all types of modern buildings. See Sweet's File Architectural for specifications and details.
KALMAN ABSORPTION PROCESS

CEMENT FLOORS

Installed by

KALMAN FLOOR COMPANY

Cross Section of Kalman Floor Topping, showing uniform distribution of aggregate and density.

Kalman Cement Floors successfully withstand heavy duty service without disintegration of or breaking down into ruts and holes and are fully guaranteed.

Kalman Floors totaling over 200,000,000 sq. ft. have been installed throughout the country for industrial plants, railroads, institutions, etc.

* *

KALMAN FLOOR COMPANY

110 East 42nd Street, New York, N. Y.

CHICAGO • ATLANTA • LOS ANGELES

BOSTON • CLEVELAND • CHARLOTTE

DAYTON • DETROIT • SEATTLE

PHILADELPHIA
Building 232 ft. x 140 ft. Roof Truss Bays 46 ft. x 8 ft., with two inch D&M decking directly over. Column spacing 46 ft. x 32 ft. This is typical of roof structures furnished by Cartwright & Morrison, Inc. for large stores, park- and-shop developments, and warehouse occupancies.

Interior columns are kept to a minimum; trusses are shallow; fire and parapet walls are relatively low. Required materials are economical and readily obtainable; deliveries prompt. Our engineer representative will call at your request.
PITTSBURGH OFFERS

Informative Service

TO ARCHITECTS

1. COLOR DYNAMICS
   Pittsburgh is prepared to recommend through technically trained employees color schemes for various surfaces on all types of construction. Booklet and details on request.

2. UNUSUAL CARRARA GLASS DESIGNS (Exterior Fronts)
   Many style suggestions for stores, banks, etc., issued monthly through full color folder “Design of the Month.”

3. TECHNICAL ADVICE
   Multiple Glazed Units, Refrigeration, Nesa Units, Glass Block Lighting and Diffusion, Multiplate Bullet-proof Installations.

4. DETAIL AND WORKING DRAWINGS
   Available on all types of glass blocks, metal construction, Tubelite Doors, Herculite Doors, etc.

Pittsburgh has many services relating to Glass or Paint Products available on request. Warehouses located in ALBANY, BINGHAMTON, BROOKLYN, BUFFALO, MINEOLA, MT. VERNON, ROCHESTER, SYRACUSE and UTICA.

Visit our display at the 1951 Convention of New York State Architects, Booth 43.

PITTSBURGH PLATE GLASS COMPANY
Capacity: 165 Carloads Per Day

THE BUFFALO SLAG CO., INC.

866 ELLICOTT SQUARE BLDG. PHONE WA. 8107 BUFFALO 3, N. Y.

EMPIRE STATE ARCHITECT
When such prominent men in the building field use Durisol, isn't it worthy of your investigation?

Write for catalog and comparative cost data.
Qualified
Stage
Design
Service

J. R. Clancy, Inc. offers a qualified, dignified stage-engineering service, complete from preliminary drawing to completion—a service of genuine value to any architect designing a theatre, school, or auditorium. Our references: the jobs we have done, the architects we have served. Complete details on request.

World-Wide Service
No Job Too Large — No Job Too Small

THE BUILDINGS
you build
WILL BE BETTER
with these

Josam
PRODUCTS
Josam Manufacturing Co.
Executive Offices, Josam Bldg.
Cleveland 13, Ohio
Manufacturing Division,
Michigan City, Ind.
Representatives in all Principal Cities

A. T. Mesereau
60 E. 42nd St., New York, N. Y.

J. A. Walsh
227 Solar St., Syracuse, N. Y.

E. G. Zimmerman
R. D. 2, Middleport, N. Y.

THE FITZGIBBONS BOILER

Right—
for all jobs
LARGE
and
SMALL

"80" SERIES 1100 to 3000 sq. ft.
steam S.B.I. net rating oil fired

"400" SERIES 400 to 900 sq. ft.
steam S.B.I. net rating oil fired

Fitzgibbons Boiler Company, Inc.
101 Park Avenue, New York 17, N. Y.

Member
SBI

Murray Hill 5-7800 Manufactured at Oswego, N. Y.

EMPIRE STATE ARCHITECT
EMPIRE STATE ARCHITECT

Wick, Hermann
Wiggins, Oscar F.
Wilkinson, George O.
Williams, Edgar I.
Williams, Loring W.
Williams, Walter Thomas
Wilson, Albert
Wilson, Hon. Wm.

Commissioner, Dept. of Housing and Buildings.

101 Park Ave. at 40th St., New York 17

Wetherow, Joseph S., Jr.
Witschard, Adolph
Wittman, Konrad F.
Wha, Oskar
Wood, Emmet Cecil
Woodbridge, Frederick J.
Young, Theodor John
Youll, Philip Newell
Zeitlin, Morris

NEW YORK SOCIETY

President
George J. Cavaliere
Julius Eckmann
Johos. Carroll
Simeon Heller

Vice President
Secretary
Treasurer

Abras, Gustave G.
Aber, Howard W.
Allen, Arthur E.
Allwork, Ronald
Altoonian, Mahra M.
Amendola, Anthony J.
Arbeit, Arnold
Arlett, Samuel S.
Arnaud, Leopold F.
Asfodadour, George
Back, Eugene
Bagge, George A.
Ballard, William F. R.
Battista, Vito P.
Baylison, S. Brian
Becker, Samuel V.
Behr, Theodore
Bellini, Frank
Berger, Leo V.
Birnbaum, Philip
Bischoff, Gilbert H.
Bloch, Ben Charles
Blumkin, Herman

Bly, James F.
Boak, Russell M.
Bohm, Victor
Bono, Ludwig P.
Braun, Frank
Breitman, Jos. J.
Briggs, John T.
Brookman, Henry C.
Brown, Alonzo M.
Butler, Jonathan F.
Call, Carl B.
Candela, Rosario
Cantor, Maxwell A.
Caponetto, Joseph
Cardo, Michael A.
Carroll, John J.
Cavaliere, George J.
Chilejau, Victor
Cinner, Louis L.
Cohen, Simon
Cohn, Benjamin
Cole, Hermann M.
Colla, Casper F.
Copeland, Peter
Corsbie, Robert Lee
Cory, Walter W.
Courland, Maurice
Dangler, Harold C.
Daubs, Sidney
Debus, William
Del Guadino, Matthew W.
Denny, Edwin H.
De Rose, Anthony M.
DeShaw, Elton R.
Deutsch, Henry
Deutsch, Maurice
Dewsnap, William
De Zeller, George F.
Diefenbach, Joseph
Diefenbach, Charles F.
Dress, George
Dusenbury, Joseph

W. 52nd St., New York 10
Box 33, Mamaroneck

80 Fifth Ave., New York 10
43 Rockefeller Plaza, New York 20
89 Clark St., Brooklyn
126 E. 58th St., New York 16
101 Park Ave., Rm. 208, New York 17
71 W. 33rd St., New York 10

W. 70th St., New York 17

10 E. 40th St., New York 16

79

Contemporary Furniture
by domiculux

specialists in architectural modern for residential, commercial and institutional use.

TABLES: with "Realwood" formica tops, burn-proof, liquor proof.

CHAIRS: with textured fabrics, modern prints, foam rubber cushioning.

For more than 20 years Armo installations have proved profitable for:

Banks • Dept. Stores • Hotels • Offices
Industrial Plants • Restaurants • Ships
Showrooms • Specialty Stores • Theaters

Distributors of Frick Refrigeration

You can benefit from Armo's unrivaled experience in every type of air conditioning installation. We do more than 100 central station air conditioning installations annually—and have a proud record of client satisfaction over the years.

ARMO COOLING & VENTILATING CO., INC.
28 West 15th St., New York 11, N. Y. • Chelsea 3-2850

AIR CONDITIONING

New York Representative: Robert Barber, East 53rd St., New York 22, N. Y.
LIGHTNING ROD SYSTEMS
MATERIALS AND INSTALLATIONS
TO MEET SPECIFICATIONS OF
Government - Underwriters - Insurance Companies

Our trained staff of technicians are at your service without cost or obligation to design—layout system and assist in writing specifications for all types of buildings.

The Hallmark of Quality

THOR Lightning Rod Co., Inc.
17 JOHN ST., RENSSELAER, N. Y.
Tel. 5-5855
Room 1202
405 Lexington Ave., New York City
MU 9-4459

HIRSCHMAN-POHLE CO., INC.

Roof Ventilators
and
Puttyless Skylights

LEROY, NEW YORK

BRANCH OFFICES
NEW YORK, BUFFALO, ALBANY, SYRACUSE and ROCHESTER

For LOWEST INITIAL COSTS
SPECIFY
Caldwell Adjustable
Type 150 or 154 Sash Balances

New Available
Designed for Schools, Hospitals, Office Buildings
and All Institutional Work

THE CALDWEll MFG. CO. • ROCHESTER 14, N. Y.

EMPIRE STATE ARCHITECT
Do You Write Specs?

When a paint or varnish product carries the name Benjamin Moore & Co. and the Triangle Trademark, the spec man can have perfect confidence that it is of the best quality obtainable.

Benjamin Moore & Co.
Paints - Varnishes - Enamels

JOSEPH DAVIS, INC.
Heating Engineers - Contractors
Air Conditioning Refrigeration
Automatic Sprinkler Systems

120 W. Tupper St., Buffalo 1, N.Y.
WA. 8435

Platt, Charles Carsten
Poggi, Edmund H.
Prober, Abraham
Proskauer, Irving
Raid, Thomas O.
Rahman, Robert
Rapport, Stanley
Reach, John B.
Resnikoff, Abraham
Rica, John M.
Rosenblum, Samuel
Rosenfield, Isadore
Roth, Richard
Rothenberg, Morris
Sacks, Charles Henry
Sailer, Serafino
Salmen, Carl H.
Salvati, Dominick
Sanbar, William
Sanfilippo, Philip
Santangelo, Louis B.
Sapolsky, Thomas
Savignano, Ferdinand
Scharschmidt, John E.
Scheffik, Frank J.
Schein, William
Schiller, Valentine
Schimmenti, Mariano
Schlenman, Sydney
Schmer, Robert H.
Schmitt, Judson E.
Scherber, Max B.
Schlesinger, Joseph
Schussler, Aloysius
Schwarzkopf, Nathaniel D.
Schweitzer, S. I.
Seaman, Francis
Sears, Vincent W.
Seiden, A. L.
Seidman, Nathan A.
Shaman, Louis
Shary, William
Sherman, Jacob W.
Sherman, Noah N.
Shimansky, Herman
Shtkind, Richard
Siegel, Herman H.
Silverman, Harry
Simon, Max M.
Simpson, Joseph J.
Slavin, Abraham
Slobodian, Kassel S.
Smith, James Kellum
Sohn, Herman M.
Sow, Arnold
Spin, Otto H.
Springsteen, George W.
Stanley, Walter
Steinberg, Reuben
Street, Daniel
Tearle, Alfred A.
Teichman, Robert
Teichman, Charles S.
Thompson, John A.
Ullrich, Albert
Ungar, Max E.
Unger, Arthur
Upton, Edward
Walker, Ralph T.
Walk, John Burke
Waring, Ellis R.
Weber, Andrew E.
Wechsler, Max
Weiser, Arthur B.
Welch, Carroll E.
Whitfield, Benjamin H.
Whitney, Morris
White, Richard C.
Wilson, Hon. Wm.

Com. Dept. of Housing & Bldgs.

101 Park Ave., New York 17
29 W. 44th St., New York 6
2860 Ocean Ave., Brooklyn
397 Pearl St., Brooklyn
840 Grand Concourse, Bronx
64 West 44th St., New York 19
558 Saunders St., Forest Hills
394 Elders Lane, Brooklyn
2100 Holland Ave., New York 60
22 E. 34th St., Brooklyn 17
10 E. 48th St., New York 16
23 W. 47th St., New York 19
488 Madison Ave., New York 22
241 East 29th St., Brooklyn 29
850 Ocean Ave., Brooklyn 26

JOSEPH DAViS, Inc.

-10-10 Northern Blvd., L.I.C. 1
10-55 Burton St., Beechurst
26 Court St., Brooklyn 2
64 Division St., Levittown
580 McDonough St., Brooklyn 33
980 Odgen Ave., Bronx 52
2333 81st Street, Brooklyn 14
6063 14th Ave., Brooklyn 19
661 W. 173 St., New York 33
146-21 Bayside Ave., Flushing
940 Grand Concourse, New York 56
30-64 41st St., L.I.C.
35 Prospect St., Middletown
12 Seaman Ave., New York 34
16 Court St., Brooklyn 2
80 Van Cortlandt Park Blvd., Bronx 63
408 Lexington Ave., New York 43
241 West 43rd St., New York 18
1133 Broadway, New York 10
13 W. 44 St., New York 18
140 Cedar St., New York 6
567 W. 186th St., New York 33
420 Madison Ave., New York 17
80 E. 94th St., Brooklyn 2
26 Court St., Brooklyn 2
22 E. 17th St., New York 3
44 Court St., Brooklyn 2
62 William St., New York 5
441 Ocean Parkway, Brooklyn 18
147 Fourth Ave., New York 5
1841 Broadway, New York 23
342 Madison Ave., New York 17
1841 Broadway, Brooklyn 23
78-63 80th St., Glendale
30 Church St., New York 7
1453 54th St., Brooklyn 19
101 Park Ave., New York 17
44 Court St., Brooklyn 2
769 Castle Hill Ave., New York 61
1235 Thirteenth Ave., Bronx 60
238-49 Kensington Place, Great Neck
9 Thayer St., New York
1835 Flushing Ave., Brooklyn 6
P.O. Box 436, Mt. Kisco
20 Broad St., New York 1
23 West 48th St., New York 19
140 E. 39th St., New York 16
3 Tudor Pl., New York 17
60 Court St., Brooklyn 4
130 Broadway, Brooklyn 11
155 E. 42 St., New York 17
101 Park Ave., New York 17
86-16 69 Rd., Elmhurst
21 Dupont Ave., White Plains
101-65 232d St., Queens Village 9
17 E. 42d St., New York 17
20 E. 53rd St., New York 22
90 High St., Huntington
145 Lexington Ave., New York 17
110 E. 40th St., New York 18
97 Rainbridge St., Brooklyn 33

120 W. Tupper St., Buffalo 1, N.Y.
WA. 8435

QUEENS CHAPTER

Simeon Heller
Oswald Fischer
Guerrino Sambino
Richard L. Lukowsky

EMPIRE STATE ARCHITECT
EMPIRE STATE ARCHITECT

Wuest, Carl
Signorielli, John L.
Wison, Harold W.
Weller, William O.
arrone, Anthony S.
Stuart, William O.
Schiller, Arthur A.
Salmi, Alphonse
Salerni, Giurino
Kosenfel, Max
Mier, Franz J.
Mier, Franz J.

ROCHESTER SOCIETY

President
1st Vice President
2nd Vice President
Secretary
Treasurer

Adie, Benedict M.
Adie, Benedict M.
Adie, Benedict M.
Adie, Benedict M.
Adie, Benedict M.
Adie, Benedict M.
Adie, Benedict M.
Adie, Benedict M.

The U.S. Royal Family of Automatic Boilers

Far in advance in design, the new U.S. family of automatic boilers offers many advantages.

Backed by over 60 years experience in designing and manufacturing heating equipment, these boilers incorporate the latest engineering knowledge and technical developments. Your customers will say, "You can't buy a more economical, trouble-free heating plant at any price!"

Finned surface for fuel saving... engineered for trouble-free automatic operation... sectional construction for easier installation... striking jackets designed by the winner of the Fashion Academy Gold Medal—these new boilers offer you the last word in boiler design. A wide range of sizes is available.

No matter what type of heating plant, controls or accessories you need—you'll be better served and so will your customers, if you BUY U.S.
Lighting

WITH WILEY

FLUORESCENT AND
SLIMLINE FIXTURES

Installation at Don Allen's Chevrolet Agency,
Buffalo, N. Y.

Wiley standard stock model fixtures are made
to give custom results in architectural lighting plans—both in pattern layout and light output
without additional "custom-made" costs. Our
district sales engineer will be glad to assist you
with your lighting problems.

For Prompt, Helpful Co-operation
Write, Wire or Phone

R. & W. WILEY, INC.
Dept. 6
Dearborn at Bridge St., Buffalo 7, N. Y.
Underwriters Approved I. E. W. Label
Member

Flour-O-Lite Mfrs. Ass'n.

- Individual or continuous runs.
- Recessed, flush-to-ceiling, or suspended.
- Louvered or Alba-Lite lens panels.
- Attractive, simple designs in both Fluorescent and
  Slimline fixtures.
- Companion Models.
- Choice of 2, 3, 4 lamps in various lengths.
- Low installation cost.
- Quick, simple service.

See Sweet's Catalog Section 31a

Fairbanks, Clifford S.
Faragher, Donald Q.
Field, W.
Flyn, Joseph P.
Fox, Paul F.
Friedly, Lawrence P.
Friederich, A. Paul
Giroux, Daniel F.
Goodrich, Suzanne G.
Gray, George O.
Gray, John R.
Guthrie, Glen Scott
Hurl, Robert J.
Heathcote, Bernard
Hershey, Donald C.
Ho, David
Jenkins, Louis A.
Jones, Robert A.
Knepler, Carl F. W., Jr.
Koehler, Jack A., Jr.
Kulas, Frank E.
Kupper, Martin
Latham, Charles E.
Lattin, William S.
Lee, Walker S.
Low, John G., Jr.
Luchin, Joseph K.
Macomber, A. Allen
MacPherson, Roger E. U. S. Public Health Serv., 15 Pine St., N. Y. 5
Madden, Henry A.
Marvin, Keith A.
Masucci, Nicholas J.
Maynard, Carl L.
McGraw, Robert E.
Mitchell, Vincent D.
Moon, Richard A.
Moore, Theodore
Morrison, Arnold
Northrop, Charles V.
Nugent, Walter M.
Phillips, Edgar N.
Phillips, Kenwyn E.
Poole, A. Charles
Quinlan, Frank J.
Rahn, Mrs. Katharine W.
Rand, William

311 Alexander St., Rochester 4
900 Powers Bldg., Rochester 14
782 Jefferson Ave., Rochester 11
154 East Ave., Rochester 4
311 Alexander St., Rochester 4
89 East Ave., Rochester 4
311 Alexander St., Rochester 4
840 University Ave., Rochester 7
315 Lathrop AVE., Rochester 30
840 University Ave., Rochester 7
164 Dartmouth St., Rochester 7
Snedrake on Cayuga, RD 4, Ovid
900 Powers Bldg., Rochester 14

1195 Penfield Center Rd., RFD, Penfield
5 Landing Rd., Rochester 10
87 Covington Rd., Rochester 17
460 Carter St., Rochester 21
100 Gilman St., Canandaigua
311 Alexander St., Rochester 4
311 Alexander St., Rochester 4
400 Wilmot Rd., Rochester 17
291 Peck Ave., Point Pleasant
1256 Lake Ave., Rochester 13
505 University Ave., Rochester 7
168 Beresford Rd., Rochester 10
164 Dartmouth St., Rochester 7
311 Alexander St., Rochester 4
900 Powers Bldg., Rochester 14
60 West High Ter., Rochester 11
311 Alexander St., Rochester 4
25 Oak Lane, Rochester 10
315 Alexander St., Rochester 4
89 East Avenue, Rochester 4
128 Berwick Rd., Rochester 9
1500 Lake Rd., Webster
381 Genesee Ave., Rochester 12
311 Alexander St., Rochester 4
835 Nunda Blvd., Rochester 10
1156 Granite Bldg., Rochester 4
118 Plymouth Ave., S, Rochester 8
1136 Granite Bldg., Rochester 4
141 Normandy Ave., Rochester 11
57 Eastland Ave., Rochester 18
34 Girard St., Rochester 10

Trico Products Corp.
Addition to Plant No. 3
Buffalo, New York

Fireproofing and Plastering Contractor
Fred Seitz Inc.
Buffalo, New York

Warwick R. Jewel
Consulting Engineer
Buffalo, New York

Trico Saves 250 Tons of Steel by
Fireproofing Steel with Perlite Lightweight Aggregate

Over 11 miles of steel beams and columns, containing in excess of 350,000 sq. ft. of surface area are being FIREPROOVED with PERLITE LIGHTWEIGHT AGGREGATE and GYPSUM over DIAMOND MESH METAL LATH and FURRING. This method of FIREPROOFING STEEL is the most economical system devised. BUFFALO PERLITE was selected as it MEETS ALL THE REQUIREMENTS under the RE-EXAMINATION SERVICE of the UNDERWRITERS LABORATORIES, INC. Approximately 6,500 4 cu. ft. bags of PERLITE will be required to complete the FIREPROOFING job.

For further information consult your Architect, Dealer or Contractor or write

BUFFALO PERLITE CORP.
(Cheektowaga)
Buffalo 25, New York

84

EMPIRE STATE ARCHITECT
From Power Plant to Ranch House
BUILD FASTER — AT LOWER COST
with CEMESTO Panels

Walls, partitions and roof deck, structural and finished, in this ranch type house in Cumberland, Md., are all of Cemesto panels.

The versatility of Cemesto structural insulating panels permits important economies in the design, erection and maintenance of permanent, insulated, structural roof decks, curtain walls, and partitions. Due to their high built-in insulation value, Cemesto Panels make any building cooler, more economical to air condition in summer . . . warmer, thriftier to heat in winter. They promote more comfortable, healthier working conditions that pay off in improved employee efficiency, increased production. Increasing numbers of architects are specifying Cemesto for industrial, commercial, institutional and defense emergency buildings of every type.

Cemesto panels consist of a core of Celotex cane fibre insulation board to which a non-combustible cement-asbestos facing is bonded on both sides by a vapor-resistant, moisture proof adhesive. Quickly, easily attached to steel framing with clips and bolts, to wood framing with nails or screws.

DON'T STOP THAT JOB!
Assure uninterrupted completion of your job by specifying readily available Cemesto Panels in place of critical materials . . . NOW!

THE CELOTEX CORPORATION
101 Park Avenue
New York 17, N. Y.

1406 Clark Building
Pittsburgh 22, Pa.
PARAGON SUPPLY, INC.  
(formerly The Paragon Plaster Co.)  
(ESTABLISHED 1888) 

FACE BRICK  
INSULUX GLASS BLOCK  
CINDER AND CONCRETE BLOCK  
STRUCTURAL TILE  
FACING TILE  
GLAZED TILE  
STEEL AND ALUMINUM SASH  

112 N. Beech Street  
Syracuse 3, N. Y.

Hodick & Taylor, Inc.  
71 W. EAGLE ST.  
BUFFALO, N. Y.  

FLOORS  
Asphalt Tile  
Rubber Tile  
Vinyl Tile  
Cork Tile  
Linoleum  
Lino tile  
Carpets - Rugs  
WALLS  
Flexwood  
Kalistron - Metal Tile  
Linoleum  

FOLDOOR - FLEXIBLE DOORS  
See our Displays in Booths 39-40-41  
GOOD INSTALLATIONS  
COST NO MORE  

Buttermark, Frank J.  
Dauer, Alex  
Diamond, Harold Elias  
Diamond, Michael S.  
Feist, Charles  
Koch, Theodore  
Krug, Otto W.  
Madsen, Olaf A.  
Melniker, Albert  
Milnes, Kenneth W.  
Rochrigger, William E.  
Ulan, Maurice G.  
Wall, Frank E.  
Wheeler, Kenneth D.  
Whitford, James Jr.  
Wood, Walter D.  
Zahn, Ernest V.  
Zumwalt, Frederick H.  

899 Targee St., Staten Island 4  
1833 Victory Blvd., Staten Island 10  
128 Silver Lake Rd., Staten Island 1  
650 Victory Blvd., Staten Island 3  
216 Bay St., Staten Island 1  
38 Westervelt Ave., Staten Island 1  
56 Bay St., Staten Island 1  
189 Lafayette Ave., Staten Island 1  
42 Richmond Terrace, Staten Island 1  
2081 Richmond Terrace, Port Richmond, Staten Island 1  
130 Mada Ave., Staten Island 10  
36 Richmond Terrace, Staten Island 1  
576 Oakdale Ave., Staten Island 10  
153 Henderson Ave., Staten Island 1  
140 Bay St., Staten Island 1  
47 Pleasant Plains Ave., Staten Island 9  
29 Randall Ave., Staten Island 1  
197 Clinton Ave., Staten Island 1  

Syracuse Society  

President  
Vice President  
Secretary and Treasurer  
Arnold, Hepenstal  
Barber, Donald  
Bennett, Willard H.  
Curtin, James  
Dillenback, Prof. L. C.  
Durkee, George  
Eckerlin, Howard  
Edgerton, W. Dexter  
Ellis, Charles Rockwell  
Folley, Milo  
Fouhy, Charles E.  
Friedel, Arthur, Jr. e/o Colton Pierrepont Central School, Colton  
Fuller, Frederick  
Gillespie, Miss Helen C.  
Gilmore, Barrington  
Gooffredo, Nicholas  
Granger, Morton E. Onondaga Co. Savings Bank Bldg., Syracuse 4  
Hall, Arthur  
Hares, Francis  
Hueber, Murray  
Joseph, Leon  
Ketcham, George H.  
King, E. Curtis  
King, Harry A.  
McAfee, Hawley E.  
McNabb, James  
Markan, Wolfe  
Moulton, Webster C.  
O'Connor, Fred B.  
Pederson, Thorwald  
Phoenix, Harry D.  
Roock, Edward  

849 James St., Syracuse 2  
446 W. Onondaga St., Syracuse 2  
290 E. Fayette St., Syracuse 2  
317 Farmer St., Syracuse 2  
500 Lafayette Bldg., Syracuse 2  
620 Daniel Bldg., Syracuse 2  
625 James St., Syracuse 2  
664 W. Onondaga St., Syracuse 2  
211 Erie Blvd., E., Syracuse 3  
401 Herald Bldg., Syracuse 3  
606 City Bank Bldg., Syracuse 2  
211 Erie Blvd., E., Syracuse 2  
211 Erie Blvd., E., Syracuse 2  
401 Herald Bldg., Syracuse 3  
606 City Bank Bldg., Syracuse 2  
601 Herald Bldg., Syracuse 3  
446 James St., Syracuse 2  
215 Fitch St., Syracuse 4  
Syracuse Kenmore Bldg., Syracuse 2  
Daniel Bldg., Syracuse 2  
446 James St., Syracuse 2  
402 Herald Bldg., Syracuse 2  
402 Herald Bldg., Syracuse 2  
412 Erie Blvd., E., Syracuse 3  
211 Erie Blvd., E., Syracuse 3  
211 Erie Blvd., E., Syracuse 3  
200 Syracuse-Kenmore Bldg., Syracuse 2  
360 Midland Ave., Syracuse 4  
301 Foote Bldg., Syracuse 4  

HEATING, VENTILATING AND AIR CONDITIONING  

Quackenbush Co., Inc.  
ENGINEERS - CONTRACTORS  

505 FRANKLIN ST. • ZONE 2 • Buffalo, N. Y.  

EMPIRE STATE ARCHITECT
FOR ANY STYLE OR SIZE...Your New Building Will be Better Built With...

LIGHTWEIGHT CONCRETE MASONRY UNITS

Whatever style or size building you are planning—industrial plant, residence, apartment house, school, church, housing project, public building—it will be built better if you use Lightweight Concrete Masonry Units.

Three different types of structures are shown, illustrating how well Lightweight Concrete Masonry Units fit into any type of architecture.

The owner of the home in Bedford Hills, N. Y. specified Lightweight Celocrete Concrete Masonry Units, and the architect designed a dwelling that lends itself beautifully to the building site. The first floor of the home features Floroform precast concrete joists and slabs. Unusual is the three-story apartment at Niagara Falls, constructed entirely of Colored Lightweight Celocrete Concrete Masonry Units. These firesafe wall-bearing units were used in this apartment, eliminating an excessive use of steel and providing a big saving to the owner. Concrete floors also were utilized throughout the building.

Due to high construction costs, industry is turning to Lightweight Concrete Masonry Units because of the low capital investment. Illustrated here is how one Buffalo industry used these economical building units to outstanding advantage.

For a firesafe, durable, low-annual-cost structure, build with Lightweight Concrete Masonry Units. For complete information concerning the many advantages of these units, write to any member of the National Concrete Masonry Association listed below. They will be glad to be of service to you.

Albany, N. Y.
Albany Block & Supply Co., Inc.
Ramlac Stone Co.
Auburn, N. Y.
Auburn Cement Products Co., Inc.
Bedford Hills, N. Y.
Bedford Hills Concrete Products Corp. Anchor Concrete Products, Inc.
Binghamton, N. Y.
Bowen Building Block & Supply Co.
Dinaburg Block Co., Inc.
Brooklyn, N. Y.
Nailable Cinder Block Co.
Picone Bros.
Buffalo, N. Y.
Forest Hills, N. Y.
Forest Hills Concrete Block Co.
Ridgefield Park, N. J.
Bergen Building Block, Inc.
Rochester, N. Y.
Comac Builders Supply Corp.
Domine Builders Supply Co., Inc.
New York, N. Y.
H. W. Bell Co.
Syracuse, N. Y.
Barnes & Cone, Inc.
Paragon Supply, Inc.
Utica, N. Y.
American Hard Wall Plaster Co.
It does away with unsightly penthouses or the use of expensive space in the building for the location of Fans. By placing a Hyduty above each riser the use of horizontal ducts under the roof is avoided, a method that will instantly appeal to every architect and Engineer.
Orchard Park Central School

Paul Hyde Harbach — Architect
Philip W. Swain, Elton F. Ransom
Architects, Associates

The Charm of Brick

BINGHAMTON BRICK CO., INC., BINGHAMTON, N. Y.
MOHAWK BUILDING MATERIALS CORP., RENSSELAER, N. Y.
HUTCHISON-RATHBUN, INC., ROCHESTER, N. Y.
THE BELDEN-STARK BRICK CORPN., NEW YORK CITY
THE intelligent choice of colors to properly blend together and produce an effect in harmony with the character of the building, its style of architecture and its surroundings, is a matter of vital importance. Brick architecture possesses a charm not surpassed nor inferior to any other building material.
If you pulled K.P. 1,065 times a year...

all your kitchen specifications would call for

Youngstown Kitchens

Ever stop to think that a housewife spends most of her day in the kitchen preparing three meals a day — 365 days a year? That’s why the convenience of the famous Youngstown Step-Saver Kitchen is so important to her. Gleaming Youngstown cabinets strategically placed to save steps, work and time. And the new Youngstown Jet Tower Dishwasher that does the dishes for a family of 6 in just 9½ minutes... these are the things that catch a prospective home buyer’s (or tenant’s) eye.

On all your residential jobs, draw your plans from the woman’s point of view. Specify Youngstown Kitchens... they have no equal!

DISTRIBUTED IN NEW YORK STATE BY

WEISS & BESSERMAN CO., INC.
41 E. 42nd St., New York City

RCA VICTOR DISTRIBUTING CO.
1209 Broadway, Buffalo—120 Portland Ave., Rochester

MORRIS DISTRIBUTING CO.
1153 W. Fayette St., Syracuse, N. Y.
195 Water St., Binghamton, N. Y.

INTERSTATE PLUMBING SUPPLY CO., INC.
733 Broadway, Albany—161 Smith St., Poughkeepsie

Typical Step-Saver Kitchen. Planned to save steps... save work. More architects every day specify Youngstown — America’s most modern kitchen.
AIMS AND ACCOMPLISHMENTS OF THE STATE BUILDING CODE COMMISSION
Condensed from article by Wm. Lescaze in Architectural Record for June, 1951

Many articles have been written about state-wide building codes. Several state governments have talked about preparing one. But to my knowledge none has so well established the first necessary mechanism—organization, budget and fundamental philosophy as the State of New York did when its legislature passed the State Building Code Law which Governor Dewey approved in April, 1949.

No one can reasonably argue against the idea of a single state-wide code in face of the fact that this great state, justly proud of its achievements, is still saddled with over 300 different building codes! It doesn't make sense. It certainly means waste, duplication of effort and needlessly high building costs.

It took years to arrive at the State Building Code Law. On March 26, 1946 a Joint Legislative Committee on State-wide Building Codes was created by the legislature. It was continued in 1947 and 1948 and charged with reporting to the legislature not later than March 31, 1949. On February 28, 1949 the Committee reported. They proposed the creation of a State Building Construction Code and the establishment in the Executive Department of a five-man commission with power to formulate the rules and regulations which would constitute the State Building Construction Code and, by amendment, to keep the regulations always up to date.

The State Building Code Commission appointed October 18, 1949 by the governor consists of two architects, one engineer, one lawyer and one building official. In addition to the five commissioners the organization consists of an executive assistant, a public relations officer, a counsel, a technical section headed by a technical director and the administration section. Realizing that the preparation of a code would be arduous, time-consuming and costly, the State of New York wisely appropriated $300,000 to establish the Commission as a going concern set up to render a continuing service to all the municipalities that might desire the service.

One of the Commission's first jobs was to bring together a board of consultants and a panel of specialists. Eight public conferences were held throughout the State and meetings with professional groups such as the New York State Association of Architects and the New York State Society of Professional Engineers. Questionnaires sent to the 1567 municipalities of the State brought a response of 85% from which we learned that 99 municipalities or 21.6% have building codes or regulations.

The Commission decided to tackle the main elements of the Code in the following order:
1. Code for One and Two-family Dwellings hereafter referred to as the "little code."
2. Code for Multiple Dwellings.

In planning the outline for the little code we discovered the need for two separate documents, the Code Proper which is the law, and the Code Manual which is a guide, but not the law. We agreed that the performance type code recommended by the legislature was the only valid type of code today since it allows the use of the most modern technical methods and makes quickly available to our citizens the benefits resulting from invention and technical progress. Performance implies ability to measure, based on tests and research. The Commission had to scrutinize and organize available test data and encourage needed research where test data are not now available.

The "little code" now published is preponderantly a performance code, but until more test data are available it has been necessary to retain certain elements of the specification type. The two-document idea shows its value here. Information not likely to be altered in the years to come is embodied in the code proper while information subject to later revision goes into the manual or guide which may be revised as necessary without legislative action.

The manual is prepared in loose-leaf form, permitting easy insertion of new or revised data when available. Each page of the manual carries the reminder, "CONSTRUCTIONS ILLUSTRATED OR DESCRIBED ARE ACCEPTABLE UNDER THE STATE BUILDING CODE BUT SUCH ILLUSTRATIONS OR DESCRIPTIONS SHALL NOT BE INTERPRETED TO PRECLUDE OTHER CONSTRUCTIONS WHICH ALSO MEET THE REQUIREMENTS OF THE CODE."

The contents of the little code are arranged in logical order for easy references. Its main divisions are as follows:
1. General Purposes
2. Space Requirements
3. Structural Requirements
4. Fire Safety Requirements
5. Plumbing, Heating, Electrical and other Mechanical Requirements

Special code jargons of most existing building codes have been avoided in favor of plain language which the average lay person can understand. Usage alone will prove how successful we have been in achieving understandability.

How the code will help smaller municipalities is well expressed in a typical comment clipped from the Ogdensburg Journal. We quote:

"The advantages to communities in accepting the State Building Code service are numerous, among these being municipal economy. The cost of expert technical services and legal procedures involved in the preparation and amendment of building laws, expenses of public hearings and legal advertising and printing of original and amended drafts make the undertaking prohibitive for most communities."

As this article is being written, news comes that Governor Dewey has signed a new bill including certain amendments to the original State Building Code Law. It provides that municipalities without their own building regulations may now accept the State code by means of a single resolution. Furthermore, any municipality after one year of use of the State code, by resolution, withdraw from its application. Later, if the municipality so wishes, the application of the code can be restored just as easily.

The law creating our commission makes it clear that local administration of the construction code is the responsibility of each municipality. The commission will prepare model administration ordinances, but only as a guide.

(Continued on Page 103.)
On June 30, 1951 a contract was signed with the Federal Government for advisory services of the Building Research Advisory Board (BRAB) on the subject of conservation in building construction. Mr. Wm. H. Scheick, Executive Director of BRAB was named a member of a sub-committee composed of engineers, specification writers and other technicians from a dozen Federal agencies. His duty will be to maintain liaison between the committee and BRAB.

The Committee has endorsed as sound engineering practice four design standards as follows:

**STRUCTURAL STEEL CONSTRUCTION**

Specification for Design, Fabrication and Erection of Structural Steel for Buildings (Riveted, Bolted and Arc-Welded Construction) as revised June, 1941. This is a publication of the American Institute of Steel Construction, 101 Park Avenue, New York 17, N. Y.

**REINFORCED CONCRETE CONSTRUCTION**

A. C. I. Standard Building Code Requirements for Reinforced Concrete (A. C. I. 318-51). Copies may be obtained from American Concrete Institute, 18268 W. McNichols Road, Detroit 19, Mich.

**LUMBER AND TIMBER CONSTRUCTION**


**PLUMBING**

The National Plumbing Code - June, 1951. Developed by the National Plumbing Code Commit-

We of Whitjax take pride in having worked with Buffalo’s Architects and Builders for over forty years.

During that time Whitjax Millwork has gone into the construction of more than two hundred of Buffalo’s finest public and office buildings.

THE WHITMER-JACKSON CO.
BUFFALO, N. Y.

We of Whitjax take pride in having worked with Buffalo’s Architects and Builders for over forty years.

During that time Whitjax Millwork has gone into the construction of more than two hundred of Buffalo’s finest public and office buildings.
PRESTIGE" emanates from any building you build with HANLEY DURAGLAZEBRICK

Along New York's famous Fifth Avenue, genuine beauty is always on parade.

Much credit can go to Hanley Duraglaze Brick for many of the handsome office buildings and apartments that line the avenue.

For example, consider this magnificent apartment house fronting on Central Park. Its beauty is impressive because it is built of Hanley No. 623 Duraglaze Brick—a manganese speckled shade of grey especially suited for modern designs.

This building, like all other buildings erected with Hanley Duraglaze Brick, will retain its "prestige look" through the years, because this superb brick will not stain or discolor.

Hanley Duraglaze Brick is also available in the following controlled shades:

501 Pearl Grey
723 Pearl White—Light Speck
725 Pearl White—Medium Speck
824 Oyster Grey—Medium Speck

We will be happy to send you full information upon request.

HANLEY COMPANY INCORPORATED
101 PARK AVE., NEW YORK 17, N.Y.
MOULRAY HILL 9-4134

14545 Schaefer Highway, Detroit, Mich.
VERMONT 7-3200

Apartment house at 5th Avenue and 73rd Street, New York. Architect, Sylvan Bien.
LUMBER

BISON LUMBER CO., INC.
DOHN FISCHER AND CO., INC.
E. M. HAGER SONS, CO.
HENRICH LUMBER INC.
MONTGOMERY - MALLUE INC.
FRONTIER LUMBER CO. INC.

MILLWORK

MILLWORK

WEED & COMPANY

HARDWARE DISTRIBUTORS SINCE PIONEER DAYS
BUFFALO 5, NEW YORK

ARCHITECTURAL HARDWARE CONSULTANTS

Representing

CORBIN
STANLEY
VON DUPRIN

RIXSON
SCHLAGE
GLYNN JOHNSON

NATIONAL CONTRACT HARDWARE ASSOCIATION
AMERICAN SOCIETY ARCHITECTURAL HARDWARE CONSULTANTS
HOMEBUILDING SLUMPS

The dollar value of authorizations in non-farm areas of New York State dropped 21%, while non-residential building (exclusive of defense projects) showed an increase of 19%, says State Housing Commissioner Herman T. Stichman in releasing the following figures. Federal Regulation X is blamed for much of the slump and it is of interest to note that Congress is belatedly doing something to correct its bad effects.

VALUE OF BUILDING PERMITS FOR NEW CONSTRUCTION ISSUED FOR NEW YORK STATE IN NON-FARM AREAS

January-June, 1950 compared with January-June, 1951

<table>
<thead>
<tr>
<th></th>
<th>1950</th>
<th>1951</th>
<th>Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Y. State total</td>
<td>$401,355,400</td>
<td>$318,246,900</td>
<td>21%</td>
</tr>
<tr>
<td>Rural non-farm</td>
<td>172,946,500</td>
<td>182,509,400</td>
<td>22%</td>
</tr>
<tr>
<td>Urban</td>
<td>228,408,000</td>
<td>185,637,500</td>
<td>19%</td>
</tr>
<tr>
<td>N. Y. City</td>
<td>129,645,900</td>
<td>109,092,000</td>
<td>16%</td>
</tr>
<tr>
<td>Outside N. Y. City</td>
<td>98,763,000</td>
<td>76,545,500</td>
<td>22%</td>
</tr>
</tbody>
</table>

NON-RESIDENTIAL

<table>
<thead>
<tr>
<th></th>
<th>1950</th>
<th>1951</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>N. Y. State total</td>
<td>$113,269,000</td>
<td>$134,505,400</td>
<td>19%</td>
</tr>
<tr>
<td>Rural non-farm</td>
<td>24,311,100</td>
<td>35,361,000</td>
<td>45%</td>
</tr>
<tr>
<td>Urban</td>
<td>88,957,900</td>
<td>99,144,300</td>
<td>11%</td>
</tr>
<tr>
<td>N. Y. City</td>
<td>44,850,000</td>
<td>57,918,000</td>
<td>29%</td>
</tr>
<tr>
<td>Outside N. Y. City</td>
<td>44,107,900</td>
<td>41,226,300</td>
<td>X</td>
</tr>
</tbody>
</table>

The number of dwelling units authorized for private homebuilding in urban and rural non-farm areas was 39% lower in June 1951 than in June 1950. (June, 1950, 8942 units; June, 1951, 5432 units.)

Public housing projects started January-June, inc., 1951 comprised 4,782 units valued at $41,434,500 as compared with 5299 units valued at $6,405,992 for the corresponding period of 1950.

FOR THE BEST

in Aluminum Building Materials

Windows — Nails — Flashing

Roofing — Plain Flat Sheets

Shade Screen.

ALUMINUM BUILDING MATERIALS INC.
1807 Elmwood Avenue
Buffalo 7, N. Y. BEEdford 6200

ESTABLISHED 1916

METZGER CONSTRUCTION CORPORATION

BUILDING AND ENGINEERING CONSTRUCTION

429 CARLTON STREET
BUFFALO 11, N. Y.

EMPIRE STATE ARCHITECT
ORIGIN, HISTORY, OBJECTIVES AND PROGRAM OF THE AMERICAN
ARCHITECTURAL FOUNDATION, INC.

If you are not already familiar with this organization, Empire State Architect suggests that you write
them at The Octagon, Washington 6, D. C. for a copy
of their booklet outlining the projects which this non-
profit foundation intends to undertake.

The foundation was incorporated in the State
of New York in 1912 by a group of serious and responsible
men in the profession of architecture. Its objectives
are to establish needed research programs and
to correlate the efforts of the building industry and
the profession of architecture and related industries
and professions for better service in the interest of the
general public.

The Foundation became a reality through a sizeable
grant to it by one of the nation’s leading architects
who had long realized the genuine need for such an
agency and the great future service it could render our
people. It is a non-profit organization which accepts
funds only on terms that will not influence findings,
modify broad unselfish objectives or be detrimental
to the public welfare. The Board of Trustees receives
all funds and allocates them impartially in the inter-
ests of the whole broad program. However, full con-
sideration will be given when gifts or bequests are
made for specific purposes designated by the donor.

The list of past and present trustees is an accurate
indication of the high character of the Foundation.
In chronological order they are: the late Richmond
H. Shreve of New York City, Secretary-Treasurer
1913-16; Raymond J. Ashton of Salt Lake City, Presi-
dent, 1913-16; Charles T. Ingham of Pittsburgh, Pa.,
1913-17; Matthew Del Gaudio of New York City, Sec-
retary-Treasurer, 1913-17; Kenneth E. Wischmeyer of
St. Louis, Mo., 1913-18; James R. Edmonds, Jr. of Balt-
timore, Md., Secretary-Treasurer, 1917; the late Wil-
liam G. Kaehler of Rochester, N. Y., President 1917-
18; J. Frazer Smith of Memphis, Tenn., President,
1918; Edgar I. Williams of New York City, 1918;
Walter T. Rolfe of Houston Texas, 1919; and Max
Henry Foley of New York City, 1919.

Underwriters' Labeled Kalamein Doors and
Frames; Tin Clad Doors, Hardware and
Channel and Angle Iron Frames; Copper,
Bronze, Monel and Aluminum Kalamein
work.

Syracuse Fire Door Corp.
500 Canal Street
Syracuse 3, N. Y.
FAMOUS HOUSTON DEPARTMENT STORE SELECTS CONTINENTAL AIR FILTERS FOR NEW BUILDING

The huge, modern, fully air-conditioned building of Sakowitz Bros., leading Houston department store, was opened for business February 19, 1951. Continental Automatic Self-Cleaning Air Filters were selected, after careful consideration, to extract the dust from the tremendous volume of air constantly circulated throughout this large and busy store.

Check Continental Air Filters for your air-cleaning problems, and you'll recognize their superiority. Continental's revolutionary, patented filter media extracts air-borne dust more efficiently with constant low resistance to air flow. Filter cells pivot like cars on a Ferris wheel as they pass from the front to the back filter curtain. There is no reversal in the direction of air flow through the filter media. As a result, dirt cannot be blown off into the clean-air stream. And, filter cells are kept clean with ... 

AUTOMATIC SELF-CLEANING ACTION

For 30 minutes or more each filter cell soaks in the oil reservoir in a semi-horizontal position. Then the cell drops to a vertical position ... thus causing the resultant surge of oil to pass through and effectively flush each air passage. The entire air filter operation provides minimum air resistance and maximum air cleaning efficiency.

WRITE FOR PERFORMANCE DETAILS

Before you specify or buy, ask us for complete performance data on Continental Automatic Self-Cleaning Air Filters. Use the coupon. No obligation.
PROFESSIONAL SOCIETIES PROTEST ARMED FORCES PLAN TO SET FEE

Octagon's news letter of July 30 reports that, under the chairmanship of A.I.A. President Glenn Stanton, representatives of The American Society of Civil Engineers, The National Society of Professional Engineers and The American Association of Architects conferred with representatives of the Army, Air Force and Navy. They registered strong protests to the proposed procedure for selection and compensation of architects' and engineers' professional services and submitted for the record a joint statement in which they went on record as:

1. Unalterably opposed to the subject document as being contrary to accepted principles of professional practice and against the public interest.

2. Reaffirming the principles that: (a) engineers and architects be recognized as professional men and that negotiations for fees and services be conducted on a professional level; (b) calling for bids for professional services or methods of negotiations leading to the same result be discontinued as unprofessional; (c) fees under fixed price contracts be lump sums negotiated on the basis of a percentage of the estimated project cost; (d) the fixed fee under cost-plus-fixed-fee contracts be actually a fixed fee as long as the scope of the work under the contract remains unchanged; (e) the scope of the work be carefully and sufficiently defined for each project so as to enable changes in state definitely the work required thereunder and scope to be determined; (f) "Letters of Intent" contain provision for periodic payments of engineering costs or work performed pending the negotiation of a contract.

3. Proposing creation of a commission of representatives of each of the three armed services, of the A.I.A., the A.S.C.E., and the N.S.P.E. with a representative of the Munitions Board as chairman, to formulate a procedure for the selection and compensation of architect-engineers.

4. Recommending that, pending establishment of such a procedure, contracts be awarded according to the practice followed in World War II, which related compensation to the cost of construction.

A.I.A. Executive Director Edmund R. Purves warns that while the conference had a salutary effect on all concerned, it is still too early to predict results.
Complete A.I.A. Files on Gas Heating for commercial and industrial buildings, single homes and apartments

These are not typical product catalogs, but helpful guides prepared especially for architects and builders.

With natural gas being made available in most of New York State you will want the latest data on the best utilization of gas heating equipment for all types of industrial, commercial and residential applications.

The A.I.A. files illustrated contain a wealth of information on heating layouts, application of automatic controls, examples of radiant heating and many useful suggestions that will benefit both you and your clients. You will find all four folders a valuable addition to your A.I.A. File, so be sure to write for your copies now.

Janitrol

SURFACE COMBUSTION CORPORATION, TOLEDO, OHIO

Offices in Buffalo and New York City

Winter Air Conditioners
Gravity, Floor & Attic Furnaces
Boilers, Unit Heaters, Conversion Burners

MPIRE STATE ARCHITECT
BUFFALO BUILDERS SUPPLY DEALERS
SERVING NEW YORK STATE ARCHITECTS

ACME BUILDERS SUPPLY AND FUEL CO., Inc.
135 MANHATTAN AVE.
UN. 4890
BUFFALO, N. Y.

ALTENBURG BRICK COMPANY
UN. 7108
BUFFALO, N. Y.

B & B BUILDERS SUPPLY
LI. 4000
BUFFALO, N. Y.

BRAY BROTHERS, Inc.
BA. 7020
BUFFALO, N. Y.

313 WINSLOW AVE.

BUFFALO BUILDERS SUPPLY CO.
WO. 1575
BUFFALO, N. Y.

HENRY R. DUCH
HU. 3414
BUFFALO, N. Y.

401 LINDBERGH DRIVE

GLOBE PLASTER CO.
CL. 5410
BUFFALO, N. Y.

KENMORE BUILDERS SUPPLY CO., Inc.
RI. 5090
BUFFALO, N. Y.

28 HINMAN AVE.

LACKAWANNA BUILDERS SUPPLY CO.
TR. 5560
LACKAWANNA, N. Y.

CHARLES T. MOEBIUS
HU. 1700
BUFFALO, N. Y.

50 WECKER ST.

TOWN BUILDERS SUPPLY AND FUEL CO.
DE. 1220
KENMORE, N. Y.

448 NORTHWOOD DRIVE
ANNOYING "M-1" REPLACED BY CPM SMALL SCALE BUILDING BENEFITS

The National Production Authority has decided to revoke the unpopular basic construction order M-1. The Controlled Materials Plan which replaces it introduces a lot of more rigmarole (Cripes, More Paperwork!), but is nevertheless more acceptable to the building industry. Home and other small scale projects which call for less than the specified amounts of steel, copper and aluminum will be benefited. Meanwhile architects are "designing away from" the critical materials.

ARCHITECTS FEES EXEMPTED FROM CEILING REGULATIONS

On July 9, the Office of Price Stabilization issued a "General Overriding Regulation 14, Exempted Services" exempting 67 categories, including architects fees, from "any ceiling price regulation now or hereafter issued by OBP." Architects' employees, however, are still subject to ceiling regulations.

A.I.A. APPOINTS DELEGATES TO CASABLANCA CONFERENCE

Ralph Walker, Julian Clarence Levi and Ernest A. Grunfeld, Jr., have been appointed delegates to attend the 2nd Conference of the Union Internationale des Architectes which convenes September 21st in Casablanca, Morocco. At the adjacent city of Rabat, seat of the French Government in Morocco, the Union is staging an international exhibit featuring housing, town planning and community facilities. The display will later be circulated to individual countries of the Union.

BRITAIN'S ROYAL FESTIVAL HALL IS AN ACOUSTICAL MASTERPIECE

England's first postwar building of major size or importance after twelve years of economic austerity is designed as a cultural center described as "perfect for concert-going." It is the only permanent building to rise on the Fair Grounds and the first new concert hall erected in London since 1893!

Its location close to Waterloo Bridge and the railroad, posed a problem in acoustics which was solved by erecting a double-shell auditorium. Acoustics are so planned that an audience of 3400 can enjoy chamber music as fully as a group of 100 or less. Acoustically there is always a full house, because special sound absorbing glass fibre pads beneath the seats insure the same acoustical effect whether the seats are occupied or vacant.

To Mr. Hope Bengal and the staff of the Building Research Station goes credit for the remarkable acoustical design.

STATE BUILDING CODE COMMISSION (Continued from Page 93.)

The state's construction code has nothing whatever to do with zoning. Many past codes have contained zoning provisions and zoning ordinances have contained building regulations. Zoning and building codes are entirely different matters which should be handled independently of each other.

Preparation and adoption of uniform state-wide codes have been under consideration for some time in a number of states. But until they overcome their hesitancy to establish that firm foundation—mechanism and budget—I fear they will be disappointed in the effort to produce worthwhile results. Through the exchange of building code information with those who are attempting similar work in other states, the idea of a possible future nation-wide Council of State Building Code Commissions was conceived. It is still just a dream. We hope the efforts of the New York State Commission will help to make it come true.

THE ONLY REALLY NEW WINDOW IN CENTuries!

THE FOX-MADE GATE CITY AWINING WINDOW

Made of Proteol-impregnated white pine, it's dimensionally stable—and resistant to fire, rot and vermin.
A little Extra Wire  
Can Bring All This  
Into Your Client's Home!

People live electrically nowadays. Modern appliances clean their homes, prepare their meals, and give them amusement. And the variety of these appliances . . . and the amount of electricity used . . . is constantly growing. To insure an adequate electrical supply, modern homes should have a three-wire service entrance which is the cable that brings electricity into the home. This will pay dividends in care-free electric service.

NIAGARA MOHAWK POWER CORPORATION

Shirley-Herman Company  
INCORPORATED

General Contractors  

1807 Elmwood Avenue    Buffalo 7, New York
CENTRAL AIR CONDITIONING CABINETS

These units are giving highly satisfactory service in almost every type of commercial and industrial building. The reasons are in the construction. Their extra-quiet hollow-shaft fans provide efficient air delivery. Water cooling coils are by Aerofin. Available in sizes from 2500 to 20,000 cfm of conditioned air—heated or cooled; humidified or dehumidified, and cleaned or washed. Write for Bulletin 3708 for all data.

Extreme left shows "Buffalo" vertical "VPC" Cabinet, a very compact unit. Also available in flat suspended types. Above is a PCW Cabinet with Air Washer section.
A representative office floor of Lifetime Vinyl Floor Tile—in the Tad Fithian Insurance Agency, Youngstown, Ohio.

Here...in the most modern of floor materials...you'll find the answers to today's more exacting floor requirements. For here are superb color...life-of-building durability...comfortable and quiet resilience...maximum stain resistance...the low cost of wax-free maintenance.

AT THE BUFFALO CONVENTION...OCTOBER 11-12-13...be sure to visit the Robbins booth. See how perfectly Lifetime Vinyl Floor Tile and the other Robbins specialties...rubber tile and vinyl cove base and stair treads...can fit into your floor plans.

ROBBINS FLOOR PRODUCTS, INC
TUSCUMBIA, ALABAMA

New York City Office: 295 Fifth Avenue...Murray Hill 4-3720
New York State Distributors: Hoddick & Taylor, Inc., Buffalo
Western Carpet & Linoleum Co., Brooklyn
ARE YOUR BY-LAWS IN ORDER?  (Continued)

Chairman at the regular Chapter meetings, omitting, of course, confidential matter relating to charges of unprofessional conduct.

The By-laws permit individual members open inspection of the correspondence, minute books (both Executive and Regular meetings), the Treasurer’s books of account and the Secretary’s records of the Chapter. Besides this, all members have the privilege of calling for a discussion, from the floor or by letter, on any matter in which they may have a particular interest.

The Standing Committees and our Representatives to The Council, acquiring proficiency by continued attention to a specific field, serve as a center for specialized thinking, analysis, and decision in a particular sphere. The Special Committee is formed for a particular problem and is dissolved after completing its assignment.

All of these Committees transact a substantial part of the business of any well organized Chapter or Society. Committees, on their part, are incomplete in their work without the regular Chapter meeting as a forum and testing ground for their proposals and recommendations. The members at all times have a voice in our professional activities. The responsibility of speaking and speaking objectively on matters presented to them lies with the members themselves. Any failure to so speak implies no infringement of the members’ rights and privileges by either the Officers or the By-laws. In the final analysis it is the individual members present at the regular Chapter meetings who accept or reject the Committee’s findings.

Were it not for this Committee arrangement our regular Chapter meetings would bog down in endless argument, debate and discussion, wasting time and resulting usually in little or no action. The effectiveness and successful function of any organization depends to a great extent on action, not words.

The rules contained in Robert’s “Rules of Order Revised” supplement the Chapter By-laws and govern both the Chapter and its Committees. The effectiveness of this volume is shown by the following example. Recently, the President of an organization tried to silence a member who refused to stop talking. Desperately the President thumbed through the Robert’s book, but to no avail. Then he shut the book and tossed it at the offender. It did the trick.

The new printed By-law pamphlet will contain an account of the historical background of the Chapter and The Institute together with its objectives. This will remind the present members and inform the new members what our professional organizations represent.

The members of the Committee on By-laws are Messrs. Maxwell A. Cantor, Harry Silverman, Harry L. Yakel (now deceased), Martyn N. Weston (Ex-Officio), and E. J. Gambaro, Chairman.

THE PRODUCERS’ COUNCIL INC.
Buffalo Chapter

Quality Manufacturers of Building Materials

ALUMINUM COMPANY OF AMERICA
C. M. VonDerveer
AMERICAN RADIATOR & STANDARD SANITARY CORP.
Fred J. Lemkau
AMERICAN STRUCTURAL PRODUCTS CO.
R. H. Larsen
ARMSTRONG CORK COMPANY
M. E. Pendleton
BELL & GOSSETT COMPANY
Frank F. Lorch
THE CELOTEX CORP.
Kenneth R. Steisslienger
CHAMBERLIN COMPANY OF AMERICA
Hugo C. Johnson
DETROIT STEEL PRODUCTS COMPANY
Eugene F. Lorch
FIAT METAL MFG CO.
Bert F. Tompkins
JOHNS MANVILLE COMPANY
W. F. Keem
KAWNEER COMPANY
Frank F. Goosman
KENTILE INC.
A. A. Taranto
KIMBERLEY CLARK CORP.
Albert J. Marquis
LIBBY OWENS FORD GLASS CO.
Chas. E. Kaiser
MASTER BUILDERS CORPORATION
Mark Woodward
METROPOLITAN BRICK INC.
GLOBE PLASTER CO.
E. T. Clough
MINNEAPOLIS-HONEYWELL REGULATOR CO.
R. W. Forster
NATIONAL CONCRETE MASONRY ASSN.
ANCHOR CONCRETE PRODUCTS
Fred W. Reinhold
NATIONAL GYPSUM COMPANY
Ray Dygert
OTIS ELEVATOR COMPANY
Austin L. Kimball
OWENS CORNING FIBERGLAS CORP.
Lawrence E. Fisher
THE PEELLE COMPANY
A. O. STILWELL CO., INC.
A. O. Stilwell
PITTSBURGH PLATE GLASS COMPANY
Geo. F. Parker, Jr.
H. H. ROBERTSON COMPANY
E. J. Yagle
ROLSCREEN CO.
A. O. STILWELL CO., INC.
A. O. Stilwell
L. SONNEBORN SONS INC.
Geo. J. Mcnerney, Jr.
TREMCO MANUFACTURING COMPANY
J. P. Hurd
TRUSCON STEEL COMPANY
Roland A. Bohling
UNITED STATES PLYWOOD CORP.
M. T. Young
THE F. W. WAKEFIELD BRASS CO.
Marion J. Reed
WESTINGHOUSE ELECTRIC CORP.
S. M. Ferguson
ZONOLITE COMPANY
John P. Williams

OFFICERS:
W. F. Keem, President
Lawrence E. Fisher, Vice President
C. E. Kaiser, Secretary
Ray Dygert, Treasurer
the building could become obsolete or at least outdated in a few years. This building will not only be the most up-to-date of its kind, but will continue to be so because of its flexibility.

"With these facts established, one's thoughts turn to the possible treatment of the exterior of the building. Disregarding use and flexibility, possibly one might think in terms of some historic style or another. In the not too distant past, it was customary for doctors to keep their worn-out Prince Albert coats in the hospital operating room. These they would put on to perform operations, needles and sutures were stuck in the lapels where they would be convenient for the doctor. It is conceivable that the hospital or medical school of those days could have resembled an 18th Century English mansion. Since our building is a laboratory of the highest order, does it seem logical that we should attempt to disguise its function with a mask of the past and at the same time void one of its important characteristics - flexibility? Windows in the traditional styles are holes pierced through the walls and they cannot be moved to accommodate the moving of a partition. Furthermore, these same windows could not be in proper relationship to the rooms within which, because of their use, require as much daylight as possible.

"Logically it would seem then, that the design of the exterior should be governed by these considerations: It should leave no doubt in the observer's mind as to its use, that is, a modern laboratory for medical and dental students. Its windows should admit a maximum of light and these windows should be as near continuous as possible so that partitions may be rearranged to suit changing conditions without affecting the amount of daylight coming into the room.

"An important consideration not to be overlooked, is that the cost of a contemporary exterior will be less than that of a traditional style. This allows more of the appropriation to be spent on the interior where it is so important to have the best obtainable equipment.

"It is only with this contemporary design that our building can hope to keep pace with its function for years to come - - not a memorial to the past, but a monument to the present and future!"
ELECTRA Lightning Rod SYSTEMS
99.9% Protection
We design Lightning Protection Systems and write specifications for most difficult types of structures. Estimates gladly furnished.

ALSO
Our High Structure Division specializes in Repairs to Steeples, Power Chimneys and Towers

ELETRA PROTECTION CO., INC.
11 North Pearl Street Albany, N. Y. 4-4149
N. Y. Office — 420 Lexington Ave. — MU 6-8897. For local New York State service call Syracuse 73-5011, Po'keepsie 3845M, EA. Mayville 5403, Salforgeville 3621, Rye 7-8997

Is that insidious, persistent old enemy, "Deterioration," at work on your property?

CHECK YOUR BUILDING FOR
- Building Cleaning
- Tuck Pointing
- General Masonry Repairs
- Concrete Surfaces
- Weatherproofing
- Stucco Surfaces
- Caulking
- Painting
- Dust and Dirt Removal
- Insul-Mastic
- Steeplejacks
- Wall Washing

JOHN J. GORDON
General Building Maintenance
220 Broadway, Buffalo 4, N.Y.
CLEveland 4797
"All That Our Name Explains"

COLLUM ACOUSTICAL CO.

SYRACUSE
918 CANAL STREET
Tel. 9-5561

ALBANY
103 N. LAKE STREET
Tel. 6-1106

ROCHESTER
3137 ELMWOOD AVE.
Hillside 5463

BUFFALO
51 WILKESON STREET
Tel. CLEVELand 1125

Sound Conditioning with Acousti-Celotex
PERFORATED FIBRE TILE — SINCE 1923

TO BE SURE — SPECIFY
- ROOF, FLOOR AND AREAWAY DRAINS
- GREASE, PLASTER AND OIL INTERCEPTORS
- SWIMMING POOL EQUIPMENT
- HYDRANTS AND STREET WASHERS
- BACKWATER VALVES AND CLEANOUTS

ZURN WALL CLOSET FITTINGS—
for battery installations of wall closets in commercial, industrial, school, public and institutional buildings. The elongated inlet connection, shown at the right allows a 4" minimum vertical adjustment making numbered fittings unnecessary. Provides perfect and permanent fixture alignment.

Through Zurn Wall Closet Fittings the beauty and sanitary convenience of wall type fixtures are more fully realized.

Write for Catalog #50
Zurn also manufactures a complete line of carriers for wall type sinks, lavatories, hospital and other sanitary fixtures.

ZURN REPRESENTATIVES IN NEW YORK — Call them for specification help
ALBANY — ALEXANDER MITCHELL, 103 North Lake Avenue, 3-6607
BUFFALO — E. C. OLDACH, PAUL F. BOECKEL, 528 White Building, Emerson 2853
NEW YORK — T. A. KENNEDY, JOHN J. WRIGHT, RAYMOND J. MARKGRAF, 140 Cedar Street, Digby 9-1750

J. A. ZURN MFG. CO. P LUMBING DIVISION E RIE, PA., U. S. A.
AN AMERICAN ARCHITECT TAKES A LOOK
(Continued)

depth of the plot. This system was devised in 1931 and has set the pattern ever since in multi-family planning. In Switzerland every building project must set aside between one-half and one per cent of the total cost for artistic embellishment of the structure. This can take the form of sculpture, applied exterior decoration or interior murals. By this means they hope to foster and encourage the artistic expression of the people.

FRANCE

In France, for example, before World War II Frenchmen paid between 2% and 3% of their income for shelter. In the housing developments since World War II the rent averages between 6% and 7% of their income. The housing officials are hoping to educate the French people to pay 10% of their income. This they feel is necessary because of the high cost of construction and the necessity of making this housing self-sustaining after receiving the benefits of low interest over long periods of time. When one considers the 15% to 20% and even more that the American pays for his shelter one can recognize the difficulties in overcoming European tradition.

The lack of central heating plants in French low cost housing such as was observed in the twelve story apartments built outside of Paris brought the following explanation from the architect on the project. He stated that the French people are thrifty and would not want to pay for a central heating system nor for its upkeep. An individual gas unit in each apartment furnishing the heat for each individual tenant satisfies the French idea of thrift and gives each tenant control as to the amount of heat he wishes to pay for.

ITALY

In Italy, low rent housing has been sponsored by the government through various forms of subsidy. The rental of such housing varies from free rent to worthy and disabled veterans to a modest rental comparable to housing rental in American low rent project. In Italy, as in all other countries including America, there are more applicants than subsidized apartments. Italy, not being blessed with rich natural resources nor an abundance of land area, requires outside help to make even a dent in her housing problem. A considerable number of people are obliged to live in caves not only outside of Rome but in Rome itself.

EUROPEAN BATHROOMS

The bathrooms in European housing do not contain the toilet. The toilet is set off adjoining the bath in a separately enclosed compartment with a separate door so that the toilet and bathroom proper can be used separately simultaneously. The bathroom is also larger than the American bathroom as it is called a Water Room which means it is a combination laundry, washing and bathing space. In some projects, such as in Sweden, there is a door connecting the kitchen and the bath in addition to another door from a hall. This purports to be a practical solution for a maidless family where the wife can have easy communication between cooking, laundry and washing at the same time keep her eye on her children.

HOUSING DESIGN

A European housing project, in no matter which country, consists of a stucco mass with a series of windows, in some cases a balcony, with either pitched or flat roofs. Perhaps the same can be said of American

GENERAL BRONZE CORPORATION

+ Architectural Metal Work +

BRONZE • ALUMINUM • NICKEL SILVER • STAINLESS STEEL

ARCHITECTURAL METAL WORK : REVOLVING DOORS
BRONZE OR ALUMINUM WINDOWS
MEMORIAL TABLETS

STEWART AVENUE, GARDEN CITY, LONG ISLAND, N. Y.
Fieldstone 7-1311 — Garden City 3-4400

EMPIRE STATE ARCHITECT
housing substituting brick for stucco. Perhaps the justification for this condition may lie in the fact that the low rent housing shortage is acute all over the world and the energies have been devoted to creating such shelter at the lowest possible cost for the greatest number in the shortest space of time. It is hoped that the ingenuity of the architect, acting not only as a technician but as a creative artist, will find the means for clothing the practicalities of housing in beauty.

CLEVERNESS OF EUROPEAN DETAIL

The European Architects as a result of their peculiar material and labor problems have developed a remarkable facility for devising many interesting details of construction of the simplest materials. That is particularly significant in wood and interior details and also in their resourcefulness and cleverness in their hardware details. Other examples of resourcefulness in detailing by European architects include soundproof rolling door partitions, a variety of bicycle parking devices and many others.

European architects, not having the large volume of construction nor the hustle bustle of the American architects, seem to devote more time to the study, solution and execution of the project. For example, seven years were devoted to the solution of the problem of the south side of Stockholm Hospital and the results bear eloquent testimony to these studies. As a whole, European architects and builders build well and of sound materials because their economy does not permit costly maintenance nor premature replacement.
MEMBERS OF
MASTER PLUMBERS’ ASSOCIATION of BUFFALO
ERIE COUNTY, N. Y.

READY TO SERVE YOU . . .

Ackerman & Huebsch
Frank J. Alessi
Rosario Alessi
Batt Company, Inc.
F. S. Blaser
C. Brenner & Sons Co.
Erwin A. Brese
Frank A. Buscher
Chippewa Contractors, Inc.
Cleveland Hill Plumbing Co., Inc.
George D. Clucas Inc.
Alfredo Cortellucci
Henry M. Dechert Inc.
Wm. Dechert & Son, Inc.
Frank G. Ditty
Pat J. Donovan
George H. Drake Inc.
Essex Plumbing & Heating Co.
C. A. Evans Co.
Albert P. Fleischauer
Arthur J. Giess
Philip A. Goss
J. William Greenley
Carl C. Grimm
Charles Wm. Grimm
H. & R. Co.
Hamberger & Co.
William Harmon
Herlan-Patterson, Inc.
Robert W. Hogg & Son
Honecker Co. Inc.
John B. Huebsch
Ralph S. Ireland
J. M. Jankowski

Earl Johnson
Fred N. Jones
Edward E. Killinger
John H. Knox
Elmer A. Kobel
William C. Kruger
Charles J. Leins
Joseph M. Licata

(Acme Plumbing Shop on Wheels)
George E. Martinke
Maunz-Thoemmes Plumbing Corp.
Harold G. Meyer
Roy L. Noah
Nowak’s Plumbing & Heating
Jacob Piazza
C. J. Rasp
George H. Sander
Albert J. Sargent
George E. Schenk
Frank X. Schank
Rudolph Slazyk
Frank W. Stimson
Ted’s Plumbing & Heating Co.
John B. Telaak
Orrin Thomas
Van Dick Co.
Allan A. Westphal
John F. Weinheimer Inc.
Albert Wilson (Mutual Heating & Plumbing)
Orville D. Wilson
W. R. Wilson
Wilson & Simmons Plumbing Co. Inc.
Lou A. Wiser
Fred H. Yuhi’s Sons

Michael Zak
Among the Constituents (Continued)

...in an eight year period. The firm received the 1937 Diplôme de Grand Prix in Paris for their contribution to Rockefeller Center and for other commercial and industrial designs including Chase Branch Banks, Chrysler International show room, numerous offices, show rooms and other projects.

Lorimer Rich — for achievement in design and for public service. A winner of several important national architectural competitions, including the one for the Tomb of the Unknown Soldier in Arlington, he has consistently endeavored to have important government commissions awarded on the basis of competition. Because of interest in this field he is serving as Chairman of the A.I.A. Committee on Competitions. As vice-chairman of the Institute on the National Capitol, he has actively participated in the effort to keep the east facade of the Capitol intact, thus preserving the original work of Thornton, Latrobe and Bulfinch.

Roland A. Wank—for achievement in design. Under his leadership as Head Architect, the Tennessee Valley Authority erected dams and related structures that rank among the finest examples of architectural and engineering accomplishment in the world. His work went far beyond that which is generally termed architecture. As a planning expert and one of the principal technicians employed by the Authority, he played an important part in the overall development of the entire project. He is currently in charge of work for the New Jersey Turnpike Authority including economic and site planning, design of all building structures and architectural design of engineering structures. He has written numerous articles for professional and lay periodicals, and has lectured extensively at leading architectural schools.

Lawrence Grant White — for achievement in design. Son of a distinguished architect, the late Stanford White, he has done outstanding work not only in architectural design but in allied fields—as evidenced in his translation of Dante's Divine Comedy into English blank verse. He has carried on the best traditions of McKim, Mead and White, of which he is now senior partner. His work is notable for its basic soundness of cale and attention to detail. He has recently been honored with the presidency of the National Academy of Design.

CARPENTER & SKAER, INC.
General Contractors & Engineers
120 Hardwood Pl., Buffalo 10, N. Y.

A Few Recent Jobs
Silver Creek Elementary School
Duane Lyman & Associates, Architects
Charlotte Sidway School, Grand Island, N. Y.
Paul Harbach, Architect
Enos & Sanderson Warehouse, Buffalo, N. Y.
Backus, Crane & Love, Architects
Nazareth Lutheran Church, Buffalo, N. Y.
Louis Greenstein, Architect

BAEHRE & SHUMWAY
Building Specialties
45 ALLEN ST.
BUFFALO, N. Y.
LI. 1841 GA. 9530

J. G. Wilson Rolling Steel Doors
J. G. Wilson Overhead Doors
Irving Subway Grating
Robert Gillespie Ash Hoists
Baartol Steel Flag Poles
Federal Seaboard Terra Cotta
Bliss Steel Sash
Louvres by Ventilouvre Co.
<table>
<thead>
<tr>
<th>Advertiser</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acme Shale Brick Co., Inc.</td>
<td>90-91</td>
</tr>
<tr>
<td>Aerofin Corp.</td>
<td>113</td>
</tr>
<tr>
<td>Alberene Stone Corp.</td>
<td>64</td>
</tr>
<tr>
<td>Aluminum Building Materials, Inc.</td>
<td>97</td>
</tr>
<tr>
<td>American Air Filter Co.</td>
<td>2</td>
</tr>
<tr>
<td>American Brass Co.</td>
<td>5</td>
</tr>
<tr>
<td>American-Ocean Tile Co.</td>
<td>120</td>
</tr>
<tr>
<td>American Radiator and Standard Sanitary</td>
<td>4</td>
</tr>
<tr>
<td>American Seating Co.</td>
<td>7</td>
</tr>
<tr>
<td>Anchor Concrete Products, Inc.</td>
<td>10-14</td>
</tr>
<tr>
<td>Anemostat Corp. of America</td>
<td>Inside front cover</td>
</tr>
<tr>
<td>Arno Cooling and Ventilating Co., Inc.</td>
<td>79</td>
</tr>
<tr>
<td>Bachr &amp; Shumway</td>
<td>113</td>
</tr>
<tr>
<td>Belden-Stark Brick Corp.</td>
<td>90-91</td>
</tr>
<tr>
<td>Bell and Gossett Co.</td>
<td>115</td>
</tr>
<tr>
<td>Benjamin Moore &amp; Co.</td>
<td>82</td>
</tr>
<tr>
<td>Binghamton Brick Co., Inc.</td>
<td>90-91</td>
</tr>
<tr>
<td>Black, John H. Co.</td>
<td>91</td>
</tr>
<tr>
<td>Blanchard, Wm. L. Co.</td>
<td>13</td>
</tr>
<tr>
<td>Bliss Steel Products Corp.</td>
<td>72</td>
</tr>
<tr>
<td>Brooklyn Union Gas Co.</td>
<td>17</td>
</tr>
<tr>
<td>Bryant Heater Division</td>
<td>70</td>
</tr>
<tr>
<td>Buffalo Blue Print Co.</td>
<td>76</td>
</tr>
<tr>
<td>Buffalo Builders Supply Dealers</td>
<td>102</td>
</tr>
<tr>
<td>Buffalo Electric Co., Inc.</td>
<td>105</td>
</tr>
<tr>
<td>Buffalo Forge Co.</td>
<td>88</td>
</tr>
<tr>
<td>Buffalo Gravel Corp.</td>
<td>96</td>
</tr>
<tr>
<td>Buffalo Lumber Dealers</td>
<td>84</td>
</tr>
<tr>
<td>Buffalo Perlite Corp.</td>
<td>54</td>
</tr>
<tr>
<td>Buffalo Savings Bank</td>
<td>74</td>
</tr>
<tr>
<td>Buffalo Slag Co., Inc.</td>
<td>103</td>
</tr>
<tr>
<td>Builders Specialties Co.</td>
<td>80</td>
</tr>
<tr>
<td>Caldwell Mfg. Co.</td>
<td>113</td>
</tr>
<tr>
<td>Carpenter &amp; Sayer, Inc.</td>
<td>71</td>
</tr>
<tr>
<td>Cartwright and Morrison, Inc.</td>
<td>1</td>
</tr>
<tr>
<td>Case, W. A. &amp; Son Mfg. Co.</td>
<td>85</td>
</tr>
<tr>
<td>Celotex Corp.</td>
<td>76</td>
</tr>
<tr>
<td>City Blue Print Co.</td>
<td>78</td>
</tr>
<tr>
<td>Clancy &amp; J. R., Inc.</td>
<td>109</td>
</tr>
<tr>
<td>Collum Acoustical Co.</td>
<td>76</td>
</tr>
<tr>
<td>Commercial Blue Print Co.</td>
<td>66</td>
</tr>
<tr>
<td>Concrete Plank Co., Inc.</td>
<td>90-91</td>
</tr>
<tr>
<td>Consolidated Brick Co.</td>
<td>99</td>
</tr>
<tr>
<td>Continental Air Filters, Inc.</td>
<td>60-61</td>
</tr>
<tr>
<td>Cowper, John W. Co., Inc.</td>
<td>117</td>
</tr>
<tr>
<td>Croker Fire Prevention Corp.</td>
<td>81</td>
</tr>
<tr>
<td>Danforth, John W., Co.</td>
<td>89</td>
</tr>
<tr>
<td>Davidson Fan Co.</td>
<td>82</td>
</tr>
<tr>
<td>Davis, Joseph, Inc.</td>
<td>65</td>
</tr>
<tr>
<td>Dextone Co.</td>
<td>79</td>
</tr>
<tr>
<td>Dornalux Co.</td>
<td>75</td>
</tr>
<tr>
<td>Durisol, Inc.</td>
<td>108</td>
</tr>
<tr>
<td>Electa Protection Co., Inc.</td>
<td>109</td>
</tr>
<tr>
<td>Erie County Savings Bank</td>
<td>54</td>
</tr>
<tr>
<td>Excel Metal Cabinet Co., Inc.</td>
<td>77</td>
</tr>
<tr>
<td>Farrar &amp; Trefts, Inc.</td>
<td>69</td>
</tr>
<tr>
<td>Fedders-Quigan Corp.</td>
<td>19</td>
</tr>
<tr>
<td>Federal Portland Cement Co., Inc.</td>
<td>Inside back cover</td>
</tr>
<tr>
<td>Ferguson Electric Construction Co.</td>
<td>100</td>
</tr>
<tr>
<td>Fitzgibbons Boiler Co.</td>
<td>78</td>
</tr>
<tr>
<td>Fox Bros. Mfg. Co.</td>
<td>103</td>
</tr>
<tr>
<td>General Bronze Corp.</td>
<td>110</td>
</tr>
<tr>
<td>General Building Maintenance</td>
<td>109</td>
</tr>
<tr>
<td>Hanley Company, Inc.</td>
<td>95</td>
</tr>
<tr>
<td>Hillyard Sales Co.</td>
<td>116</td>
</tr>
<tr>
<td>Hirschnan-Pohle Co., Inc.</td>
<td>80</td>
</tr>
<tr>
<td>Hoddick &amp; Taylor, Inc.</td>
<td>80</td>
</tr>
<tr>
<td>Hutchinson-Rathbun, Inc.</td>
<td>90-91</td>
</tr>
</tbody>
</table>
In the "House of Ideas", sponsored by HOUSE & GARDEN, beauty and convenience are fully supplemented by winter comfort. A completely concealed B & G Hydro-Flo Radiant Panel Heating System distributes radiant sunny warmth throughout.

B & G Hydro-Flo Heating is a forced hot water system... which means that the heat supply is always under positive control. The temperature of the water circulating through the system is automatically raised or lowered to meet every change in the weather. Even in spring and fall, when only a little warmth is needed, indoor temperature is kept exactly at the comfort level—no wasteful overheating.

That's why a B & G Hydro-Flo Heating System costs so little to operate—it matches fuel consumption to weather conditions. This ultra-modern system permits a choice of baseboard panels, convector, radiators or radiant panels.

B & G Hydro-Flo Heating adds plus value to any home—increases saleability. Send for free booklet, "Capture the Sun with B & G Hydro-Flo Heating."
HILLYARD
trained
this
man
(and
hundreds
like him...)

He is a specialist in planning and engineering practical floor treatments. Will show you how cost-saving Hillyard products fit in with ANY architectural plans you have on your drawing board—for schools, hospitals, hotels, factories, offices, churches, stores, airports, gymnasiums, stadiums. No obligation, of course.

Hillyard has located a trained Maintainer in your vicinity. He's ready to give you practical help, before and during construction.

He's... on your staff not your payroll

Schooled to work hand in hand with architects, including actual job supervision. You can depend on his advice and help—to get the job done right and "on schedule." Advice is FREE—a part of Hillyard's service to architects.

IN NEW YORK
Your Nearest Trained
FLOOR EXPERT
(Hillyard Maintainer)
IS...

Lewis H. Abel
Honeoye Falls, New York
Phone 77

W. H. Bolton
1579 New Scotland Road
Slingerlands, New York
Phone—Delmar-9764—Albany

C. E. Creekmore
Apt. 16, Riverview Courts
280 Hinds St.
Tonawanda, New York
Phone Jackson 5144

Jerry Grindrod
5532 S. Salina St.
Syracuse 5, N. Y.
Phone 9-3333

A. J. Oest
112 Union Ave.
Tarrytown, N. Y.
Phone 4-1511

Charles J. Rose
111 Grant Ave.
East Rockaway,
Long Island, N. Y.
Phone Lynbrook 9-4324

J. A. Oest
112 Union Avenue
Tarrytown, New York
Phone 4-1511

Allan R. Ely
14 Circle Lane
Albany, New York
Phone: 8-7390

Call on Him — Today!

WAREHOUSE STOCKS
CONVENIENTLY LOCATED IN
NEW YORK — ASSURE
PROMPT DELIVERIES

SEND FOR HILLYARD
A. I. A. SPECIFICATION
FOLDER

Hillyard quality floor treatment and maintenance products are tailored for every floor need. Hillyard methods are labor-saving and efficient. Send for concise treating specifications. Free to Architects on request.

ST. JOSEPH, MISSOURI
BRANCHES IN PRINCIPAL CITIES
Always be careful...
In-wall
MULTIPLE-USE-OF-SPACE
EQUIPMENT

NOW AVAILABLE IN
2 TABLE HEIGHTS
25" AND 30"

do magic after one easy lesson!

Now you see an activities room — a gym — an auditorium — then
tables and benches roll from the wall on mark-proof
rubber casters in units that seat 20 students each — one unit
every 47 seconds. In-Wall space saving equipment
for new and existing buildings is the very logical answer
to high construction costs and increased enrollments.

Schieber Manufacturing Co.
12750 Burt Road
Detroit 23, Michigan

In Canada:
LaSalle Recreations, Ltd.
945 Granville Street
Vancouver, B.C.

ACTIVITIES AREA TO LUNCHROOM FOR 200 IN 8 MINUTES
EASIEST TO INSTALL!

Because H. B. Smith cast iron boilers are assembled from precision-machined sections and parts, they are easily erected at the installation with a minimum of labor.

EASIEST TO CONVERT!

H. B. Smith boilers are easiest to convert to different fuels, should the one in use become in critical supply. All operate with great efficiency with solid fuel, oil or gas. In low-cost natural gas areas, H. B. Smith boiler conversions are bringing clean, trouble-free, inexpensive heat to hundreds of users.

EASIEST TO EXPAND!

When increasing the capacity of an H. B. Smith boiler to meet additional heating requirements, or when replacing it, it is not necessary to tear out a wall, part of a foundation, or both.

Give Your Customers the Benefit of the World's Broadest Line!

H. B. Smith
CAST IRON BOILERS FOR HEATING AND DOMESTIC HOT WATER

100 Boiler-Burner Unit Means More Home Sales

Compact, easy to install! Designed to give fast heat and plenty of hot water for the average home. Furnished with built-in tank type or "tankless" water heater; available with flush jacket as shown, or with jacket expanded to conceal the oil burner.

60 Smith Boiler For Largest Installations

May be used singly, or in batteries for heating loads up to and over 100,000 sq. ft. steam radiation. Many of these large units installed in industrial plants furnish steam for process requirements as well as for heating and domestic hot water.

H. B. Smith
THE H. B. SMITH CO., INC.
Westfield, Mass.
You can cut washroom expenses to the bone when you install American-Olean tiled walls and floors. Refinishing and repainting costs are ended. Janitor service drops to a minimum because tile cleans as easily as a china plate. Your first cost is your last with American-Olean tile.

Morale climbs, too, when you give workers clean washrooms that are a compliment to their self respect, and with tile you can give them the extra benefits of sparkling clear colors at no extra cost.

Constitution of New York State Association of Architects
Visit us at
Booths 51 and 52, Statler Hotel, Buffalo
October 11, 12, 13
Continued Product Usage is Always
The Best Endorsement!

HIGH QUALITY "FEDERAL" MORTAR CEMENT HAS BEEN
SPECIFIED AND USED ON THE FOLLOWING PROJECTS:

<table>
<thead>
<tr>
<th>Project</th>
<th>Location</th>
<th>Architect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veteran's Hospital</td>
<td>Buffalo, N.Y.</td>
<td>Green, James &amp; Meadows</td>
</tr>
<tr>
<td>St. Jerome's Hospital</td>
<td>Batavia, N.Y.</td>
<td>Mortimer J. Murphy</td>
</tr>
<tr>
<td>St. James' Mercy Hospital</td>
<td>Hornell, N.Y.</td>
<td>Raelber &amp; Waasdorp</td>
</tr>
<tr>
<td>State Teachers Dormitory</td>
<td>Buffalo, N.Y.</td>
<td>J. Kidney &amp; Assoc.</td>
</tr>
<tr>
<td>Jewish Center</td>
<td>Buffalo, N.Y.</td>
<td>Milton Milstein</td>
</tr>
<tr>
<td>Canisius College Chapel</td>
<td>Buffalo, N.Y.</td>
<td>D. Lyman &amp; Assoc.</td>
</tr>
<tr>
<td>Pittsford School</td>
<td>Pittsford, N.Y.</td>
<td>Carl Ade</td>
</tr>
<tr>
<td>Brighton School</td>
<td>Brighton, N.Y.</td>
<td>Carpenter &amp; Barrows</td>
</tr>
<tr>
<td>Philip Sheridan School</td>
<td>Kenmore, N.Y.</td>
<td>W. A. Kidd</td>
</tr>
<tr>
<td>St. Francis of Assisi School</td>
<td>Buffalo, N.Y.</td>
<td>Geo. Dietel</td>
</tr>
<tr>
<td>Canisius High School</td>
<td>Buffalo, N.Y.</td>
<td>A. A. Rumschik</td>
</tr>
<tr>
<td>St. Martin's School</td>
<td>Buffalo, N.Y.</td>
<td>Foit &amp; Baschnagel</td>
</tr>
<tr>
<td>West Seneca School</td>
<td>Buffalo, N.Y.</td>
<td>Ptohl &amp; Martin</td>
</tr>
<tr>
<td>St. Francis High Gymnasium</td>
<td>West Seneca, N.Y.</td>
<td>K. &amp; W. Schmill</td>
</tr>
<tr>
<td>St. James Evang. Church</td>
<td>Athol Springs, N.Y.</td>
<td>Backus, Crane &amp; Love</td>
</tr>
<tr>
<td>Loblaw Stores</td>
<td>Buffalo, N.Y.</td>
<td>Stanley Podd</td>
</tr>
<tr>
<td>Eastman Kodak Co.</td>
<td>Dunkirk, N.Y.</td>
<td>Owner</td>
</tr>
<tr>
<td>L. B. Smith Shopping Plaza</td>
<td>Rochester, N.Y.</td>
<td>G. Morton Wolfe</td>
</tr>
<tr>
<td>Portville School</td>
<td>Buffalo, N.Y.</td>
<td>Freeburg &amp; Lindquist</td>
</tr>
<tr>
<td>Central School</td>
<td>Portville, N.Y.</td>
<td>Beck &amp; Tinkham</td>
</tr>
<tr>
<td>Niagara U. Field House</td>
<td>Frewsburg, N.Y.</td>
<td>W. A. Cannon Assoc.</td>
</tr>
<tr>
<td>Notre Dame High School</td>
<td>Niagara Falls, N.Y.</td>
<td>Bohacket &amp; Flynn</td>
</tr>
<tr>
<td>Carborundum Co.</td>
<td>Batavia, N.Y.</td>
<td>Owner</td>
</tr>
<tr>
<td>Bethlehem Steel Co.</td>
<td>Niagara Falls, N.Y.</td>
<td>Owner</td>
</tr>
</tbody>
</table>

"FEDERAL" CEMENTS FOR PERMANENCE

"AIRSEAL" ROCK WOOL INSULATION, ANOTHER PRODUCT OF
THE FEDERAL PORTLAND CEMENT CO., INC., HAS BEEN USED
SUCCESSFULLY ON THIS PARTIAL LIST OF PROJECTS:

<table>
<thead>
<tr>
<th>Project</th>
<th>Location</th>
<th>Architect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elmwood Ave. Apts.</td>
<td>Rochester, N.Y.</td>
<td>Albert A. Rumschick</td>
</tr>
<tr>
<td>U. S. Veteran's Hospital</td>
<td>Buffalo, N.Y.</td>
<td>Green-James Meadows</td>
</tr>
<tr>
<td>N. Y. State Housing</td>
<td>Schenectady, N.Y.</td>
<td>Karas &amp; Van Der Bogart</td>
</tr>
<tr>
<td>Troy Housing Project</td>
<td>Troy, N.Y.</td>
<td>J. Fletcher Lankton</td>
</tr>
<tr>
<td>Sheridan Village Garden Apts.</td>
<td>Schenectady, N.Y.</td>
<td>Paul Trapani</td>
</tr>
<tr>
<td>Waring Road Shopping Center</td>
<td>Rochester, N.Y.</td>
<td>Erwin Gerber</td>
</tr>
<tr>
<td>Williams Heights Apts.</td>
<td>Cheektowaga, N.Y.</td>
<td>R. E. Van Alstyne</td>
</tr>
<tr>
<td>Cornell University Agr. Bldg.</td>
<td>Ithaca, N.Y.</td>
<td>Highland &amp; Highland</td>
</tr>
<tr>
<td>Rush-Henrietta Central School</td>
<td>Henrietta, N.Y.</td>
<td>C. J. White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ade &amp; Todd</td>
</tr>
</tbody>
</table>

"AIRSEAL" INSULATIONS FOR COMFORT AND ECONOMY

Specify Federal's Products
and be sure

THE FEDERAL PORTLAND CEMENT CO., INC.

P. O. Box 115,
Buffalo, N. Y.
The Power Plant illustrated below is further evidence of a design trend and the prominent place Insulated Metal Walls occupy in present day construction...it is typical of fourteen structures, including two complete industrial plants, presently under construction—and dozens of others in the planning stage. The exterior wall surfaces of this building are Stainless Steel throughout...permanent, fire-safe material requiring no maintenance whatsoever. Mahon Insulated Metal Walls are available in three distinct exterior patterns as shown at left. Walls may be erected up to 50 feet in height without horizontal joints. Thermal properties are excellent—insulation provides an overall "U" Factor equivalent to that of a conventional 16" masonry wall. Mahon Insulated Metal Walls, together with a Mahon Steel Deck Roof, provide the ultimate in economy, permanence, and fire-safety in modern construction. See Sweet Files for complete information, or write for Catalog No. B-52-E.

Detroit 34, Mich. • Chicago 4, Ill. • Representatives in Principal Cities

Manufacturers of Insulated Metal Walls; Steel Deck for Roofs, Floors and Partitions; Rolling Steel Doors, Grilles, and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.