This is why you should always specify and buy ANEMOSTAT Air Diffusers

The largest selection of sizes and types for conventional or High Velocity Systems.

Proven performance and design for every engineering and architectural need.

A consistent record of prompt delivery and customer satisfaction.

ANEMOSTAT®
DRAFTLESS Aspirating AIR DIFFUSERS
ANEMOSTAT CORPORATION OF AMERICA
10 EAST 39th STREET, NEW YORK 16, N. Y.

"No Air Conditioning System Is Better Than Its Air Distribution."
The Famous
Case Non-Overflow One-Piece

The first and finest one-piece water closet. When children play or accidents happen, the bowl of the Case® One-Piece* will not overflow. Its "whispering flush" is another feature appreciated everywhere. Other features include atmospheric venting, ball-cock not in contact with tank water, volume regulating stop and device, large water area, and powerful centrifugal rim flush. Shelf type cover. In 32 colors and white. With regular bowl—Style 1000; with elongated bowl—Style 1100.

Complete fixture packed in one crate with special seat, china bolt caps and closet screws, and chrome plated supply pipe.

Available from leading distributors, (consult the "Yellow Pages") or write W. A. Case & Son Mfg. Co., 33 Main Street, Buffalo 3, New York.

1853-1954
Our 101st Year

Case®
Fine Plumbing Fixtures for every type of installation
American Seating Company invites New York State architects to make use of extensive, up-to-date research material—a wealth of information acquired during unparalleled experience in school planning.

This helpful data will simplify your auditorium planning problems. It will be supplied, without obligation, by your nearest American Seating Company representative. Available also is comprehensive information on Classroom Furniture; Gymnasium, Playground and Laboratory Equipment; Library Furniture; Bleachers and Stadium Seating; Chalkboard and Corkboard.

**American Seating Company**

*World's Leader in Public Seating*

1776 Broadway, New York 19, N.Y.  
923 W. Genesee St., Syracuse 4, N.Y.

Manufacturers of School, Auditorium, Church, Theatre, Transportation, Stadium Seating, Folding Chairs

**American Bodiform Auditorium Chairs**

Luxurious comfort, maximum beauty. Seats have spring-arch construction; backs have scientific, body-fitting contours. Automatic, uniform, silent, 3-way safety-fold seat action allows more room for passing and sweeping. Acoustically, the full-fabric upholstery compensates for seat vacancies. Wide range of styles, colors, upholstery materials. Available with or without folding tablet-arm.
FOR NEW AND OUTSTANDING SCHOOL BUILDINGS, ARCHITECTS PREFER

aluminum WINDOWS
by GENERAL BRONZE

• WEST HEMPSTEAD HIGH SCHOOL
West Hempstead, N. Y.
Architect: Starrett & Van Vleck,
Reginald E. Marsh
Contractor: Lasker-Goldman Corporation

What do you look for in a good window—maximum light, controlled ventilation, weather-tightness, easy operation, permanent beauty, low maintenance cost?

General Bronze offers you all these in its Permatite line of aluminum windows... plus a background of 40 years' practical experience that can be of real help to you in solving your problems pertaining to windows, spandrels, curtain walls and architectural metalwork.

Whether your new projects involve schools, hospitals, apartments, commercial or monumental buildings, you'll do well to specify "aluminum windows by General Bronze." Our reputation for quality products, for sound engineering and design, for precision workmanship is known and accepted from coast to coast.

As the world's largest fabricator of aluminum windows and architectural metalwork, it has been our privilege to work closely with hundreds of leading architects on both large and small projects. From this extensive experience we have learned what features architects want in windows—what kind of help they appreciate most—what makes their job run easier and smoother.

Because of our unequalled facilities and our vast experience, we are well qualified to serve you, especially when your requirements are complex or unusual. We will be glad to discuss your problems with you at any time. Our catalogs are filed in Sweet's.
Emery Roth & Sons, like other forward-looking architects, are specifying Hanley DURAMIC Brick, a natural in modern apartment building construction.

Consider this magnificent modern apartment building which stands in the shadow of Washington Arch on New York's lower Fifth Avenue. Constructed with Hanley #525 DURAMIC Brick, it radiates that "prestige look." It is impervious to stain and discoloration and will retain its color and newness for decades.

Through size uniformity and controlled absorption, Hanley DURAMIC Brick promotes on-the-job construction efficiency and economy.

HANLEY DURAMIC BRICK
Available in the following controlled shades:

501 Pearl Grey
525 Pearl Grey — medium speck
623 Limestone — light speck
723 Pearl White — light speck
725 Pearl White — medium speck
729 Pearl White — heavy speck
824 Oyster Grey — medium speck

HANLEY FACING TILE — Available in a wide selection of color-engineered shades.

HANLEY COMPANY INCORPORATED
101 PARK AVENUE, NEW YORK 17, N. Y.
14545 Schaefer Highway, Detroit, Michigan
In "HOT WATER" for years!

If your Choice is Hot Water—Herman Nelson Leadership in Unit Ventilator Design for Hot Water Heating has been proved by Years of Service in scores of Schools

Cincinnatians have every right to be proud of their Riverside-Harrison Elementary School. Completed in 1951, this modern structure contains 17 classrooms, gymnasium, auditorium and cafeteria. Evidences of careful planning are apparent with the adoption of such cost-cutting and comfort features as forced hot-water heat and Herman Nelson Unit Ventilators.

For the past several years, Herman Nelson Unit Ventilators and high temperature hot water have worked as a "team". It all came about with the development by Herman Nelson engineers of the first practical, high efficiency hot water heating element for unit ventilators. The heating element—a 4-pass serpentine coil designed for high temperature drop—insures even outlet temperatures and minimum resistance to water flow.

It is an accepted fact that lower construction costs and more accurate temperature control result with the use of smaller valves and piping required for high temperature hot water. So, if you're considering hot water as your heating medium, remember this—one Herman Nelson Unit Ventilators permit you to take full advantage of its economies and still maintain the highest standards of classroom heating, ventilating and cooling. Proof? Plenty of it based on many outstanding installations over a period of years. For complete information, write:

Albert L. Becker  
434 Clinton Ave.  
Albany, N.Y.

Reid & Jacobs Engineering  
1203 Central Ave.  
Albany, N.Y.

Planned Air Equip. Sales, Inc.  
No. 5 Upper Terrace  
Buffalo, N.Y.

AAF Company, Inc.  
70 East 45th St.  
New York, N.Y.

Howard J. Henderson, Jr.  
150 Sibley Tower Bldg.  
Rochester, N.Y.

AAF Company, Inc.  
529 State Tower Bldg.  
Syracuse, N.Y.

Light, bright and comfortable! A typical classroom in the Riverside-Harrison Elementary School, Cincinnati, Ohio, equipped with a Herman Nelson Unit Ventilator. Architect and Engineer: James E. Allan; Mechanical Contractor: Henry Niemes Co.
New York State Architects:

LENROC STONE is the traditional native stone quarried at Ithaca and used in many fine buildings at Cornell University.

Modern quarrying methods make LENROC STONE an economical building material. As a result, it can be installed at costs comparable to face brick.

Our products are readily available to architects and builders through distributors listed on this page.

For technical data, write to:
R. M. Mueller
Finger Lakes Stone Co., Inc.

LENROC NATURAL STONE DISTRIBUTORS

ALBANY, N. Y.
Adam Ross Cut Stone Co., Inc.
999-1011 Broadway

ELMIRA, N. Y.
Harriss, McHenry & Baker

LIBERTY, N. Y.
Sullivan County Building Materials Co.
Junction of Routes 17 and 52

ODESSA, N. Y.
Cotton-Hanlon

POUGHKEEPSIE, N. Y.
Hudson Valley Block Co.
South Road

ROCHESTER, N. Y.
Hutchison-Rathbun, Inc.
95 Augusta Street

SYRACUSE, 4, N. Y.
D. J. Salisbury, Inc.
206 St. Marks Avenue

UTICA, N. Y.
N. D. Peters & Co.
216 Kossuth Avenue

WEST HEMPSTEAD, N. Y.
Lawlor Stone, Inc.
116 Cherry Valley Avenue

LENROC STONE, from the Ithaca Quarry from which MANY FAMOUS BUILDINGS AT CORNELL UNIVERSITY HAVE BEEN BUILT
Mr. Thomas J. Barrett (Building Superintendent) standing before central control panel, located in his office on the seventh floor of the Waldorf-Astoria Hotel. This central control panel allows selection of varying temperatures for heating of all guest rooms and remote temperature selection for air conditioning systems serving the Grand Ballroom and other public areas.

Yes! Johnson Control was installed on all the original heating, ventilating and air conditioning systems when the Waldorf-Astoria was built some twenty years ago. Additional installations of Johnson Control were made from time to time as additions were made to existing heating, ventilating or air conditioning systems or new equipment installed.

Because of its time-proven dependability and efficiency, a Johnson Control System again was chosen when the installation of the new $250,000 air conditioning system, serving 40,000 square feet of floor space of the Grand Ballroom and adjacent large-scale function rooms, was made.

This installation was completed and given the supreme test during the 1954 General Motors "Motorama". Capacity crowds moved through the area for 14 hours daily during the entire showing and never was there a complaint regarding temperature!

You are invited to tell your control problems to a Johnson engineer, located at a nearby Branch Office. Such a conference is a Johnson courtesy. JOHNSON SERVICE COMPANY, Milwaukee 2, Wisconsin. Direct Branch Offices in Principal Cities.
Buy One and Get Two!

This one integrated system for daytime classroom comfort also maintains satisfactory nighttime temperatures without other investment!

It is generally agreed that classroom temperatures should be maintained at about 55° overnight and during periods of shut-down in cold weather. This permits quick recovery to comfort conditions and more stable control during the first hours of the next school day.

Cutting off the heat altogether, and letting the classroom temperature drop to 40° or 45°, makes the recovery difficult—particularly in restoring heat to the floor slab, walls, desks, etc.—and leads to morning room-temperature fluctuations, possible overheating, and abnormal bodily heat losses to surrounding objects.

In designing unit ventilator systems to maintain an optimum overnight temperature, either of two methods have been employed: a) operating the units as heaters (recirculation only) under thermostat control; or b) installing supplementary gravity heating with additional piping and controls.

Extensive field tests have proved that when Wind-o-line Radiation is integrated with Nesbitt Syncretizers, the combined gravity heating capacity is ample to maintain overnight temperatures of 55° in zero weather. Hence this one system that sets the standard for daytime performance eliminates the cost of separate provision in each room for maintaining overnight temperatures, and simplifies—for greater economy—the control of overnight temperatures from one location in the building.

Get more for your school building dollar...go NESBITT.

Send for Engineering Report SL-6.

Nesbitt Syncretizer with Wind-o-line

OFFICERS

President  Adolph Goldberg  New York Society
           164 Montague St., Brooklyn 2, N. Y.

1st Vice President  G. Morton Wolfe  Buffalo-W. N. Y. Chapter
                    1377 Main St., Buffalo 8, N. Y.

2nd Vice President  Harry M. Prince  New York Chapter
                    101 Park Avenue, New York 17, N. Y.

3rd Vice President  John W. Briggs  Central N. Y. Chapter
                    311 Alexander St., Rochester 7, N. Y.

Secretary  Trevor W. Rogers  Buffalo-W. N. Y. Chapter
           822 Rand Bldg., Buffalo 3, N. Y.

Treasurer  Martyn N. Weston  Brooklyn Society
           44 Court Street, Brooklyn, N. Y.

PAST PRESIDENTS

James Wm. Kidney  Buffalo-W. N. Y. Chapter
Charles R. Ellis  Syracuse Society
Matthew W. Del Gaudio  New York Society
C. Storrs Barrows  Rochester Society
Henry V. Murphy  Brooklyn Chapter
Donald Q. Faragher  Rochester Society

DIRECTORS

Harry A. Yarish  Brooklyn Society
Harry E. Rodman  Eastern N. Y. Chapter
Frederick H. Voss  Westchester Chapter
Conway L. Todt  Rochester Society
Julius Eckmann  New York Society
S. Elmer Chambers  Syracuse Society
Ralph J. Marx  Bronx Chapter
Victor Y. Martelli  Long Island Chapter
Roswell E. Pohl  Buffalo-W. N. Y. Chapter
Carl W. Clark  Central N. Y. Chapter
Charles S. Ward  Queens Chapter
Harry Silverman  Brooklyn Chapter
Michael S. Diamond  Staten Island Chapter
Daniel Schwarzman  New York Chapter

PUBLICATION COMMITTEE

Charles Rockwell Ellis, Chairman
Warren Neal Wittek, Editor
Harry E. Rodman
George W. Swiller
Carl W. Clark
Mortimer Freehaf
John W. Briggs
Vincent Pellegrino

Contributing Editors

James W. Kidney
Malcolm B. Mayer
George Dick Smith
Thomas H. McKaig
Arthur C. Holden

Associate Editors

Warren L. Henderson, Constituents
Henry V. Murphy, Contributions
George Clark, Design
Daniel Schwarzman, Editorials
Matthew W. Del Gaudio, Legislation
George B. Cummings, National Affairs
C. Storrs Barrows, State Activities

CONTENTS

Page

Officers and Directors
Your Help Is Needed
President's Message
Convention Committee Chairmen
Convention Program
Commercial Exhibitors
N.Y.S.A.A. Exhibit
Architecture Around the Empire State
Among the Constituents
Combatting Moisture
Address by John B. Johnson
That Necessary Evil
Glass Block Improvement
School Lighting
Dolomite Concrete Blocks
Advertisers in this Issue

ON THE COVER

Lake Placid and Whiteface Mountain

Address all communications regarding the State Association to the Secretary,
Trevor W. Rogers, 832 Rand Building, Buffalo 3, New York; all editorial comments to Charles Rockwell Ellis, 433 South Salina Street, Syracuse 2, New York; all editorial material to Warren H. Wittek, 232 Delaware Avenue, Buffalo, New York; and inquiries regarding advertising to the Publisher.

Publisher
Julian L. Kohle
21 Clarendon Place, Buffalo 9, New York

September - October Issue — Vol. XIV, 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." Subscriptions are $1.00 per year. Non-Members $2.50. Published 6 times a year.
The modern trend in the construction of new schools, along with other buildings, is the use of long span units so as to provide flat unobstructed ceiling surfaces in rooms.

This trend is met very advantageously by the use of STRESTCRETE precast concrete floor and roof slabs.

STRESTCRETE units of 3, 4, 6, 8, 10 and 12 inch depths in spans up to 30 feet give a maximum flexibility to meet the requirements of span and load conditions, and unit lengths up to 36 feet permit large overhangs.

Because of their long spans, and their flat, smooth ceilings as a base for application of acoustical materials, STRESTCRETE units are ideal for schools.

STRESTCRETE units have many other advantages. They are precast and prestressed at the plant and delivered directly to the jobsite in any kind of weather. From the truck, they are hoisted by crane directly into position on the job... all of which requires very little time.

This ease and speed of installation is of great importance to everyone concerned. It helps contractors to meet their schedules, and gives them a working deck immediately for other trades.

All of which saves money for your client.

STRESTCRETE provides an excellent base for plaster or acoustical tile. It eliminates the need for expensive forming or pouring of concrete.
IN THE MODERN TREND! LONG SPANS UP TO 30 FEET... FOR NEW SCHOOLS, BUILDINGS

STRESTCRETE is firesafe and it is permanent. STRESTCRETE will not deteriorate; it is ideal for use where moisture is a problem; and because of its hollow core construction facilitates the installation of utilities.

OTHER ANCHOR PRODUCTS
Autoclaved Denstex, Celocrete, Cinder and Concrete Blocks.
Flexicore Precast Floor and Roof Slabs.
Precast Lintels and Sills.
Anchorseal Colorless Water Repellant (Silicone Base).

And remember, STRESTCRETE is ideal for both floors and roofs.
The hollow cores of STRESTCRETE provide the basic duct work for economical warm air radiant panel heating.

DISTRIBUTORS FOR
Dur-o-wal steel reinforcing for masonry walls.
Medusa Portland Cement Pint, for concrete wall surfaces.
Medusa Floor Coating, for concrete floors.

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

Copyright 1954, Anchor Concrete Products, Inc., Buffalo, N. Y.
Your clients deserve the best!

ROBBINS LIFETIME® VINYL FLOOR TILE
First in Homogeneous Marbleized Vinyl Tile

FIRST IN BEAUTY! The complete range of beautiful colors, ranging from the most brilliant hue to the softest pastel, and the uniformity of marbleization make Robbins Lifetime Vinyl Tile the first choice of discriminating decorators everywhere. Precision squaring of each tile by an exclusive patented process insures absolute uniformity and dimensional accuracy, provides easy, foolproof installation and adds to the finished beauty of the floor.

FIRST IN QUALITY! Robbins Lifetime Vinyl Tile is made of all virgin vinyl and is 100% homogeneous! IT IS ALL VINYL THROUGH THE BACK, NOT JUST TO THE BACK. Each tile is one solid piece—marbleization and color go all the way through; not just through a thin wear ply on top. Most vinyl tiles on the market today are laminated. With a sharp knife the thin wear ply can actually be separated from the generally inferior off-color back ply. Obviously, when the thin wear ply wears through, the tile is no longer serviceable. Robbins Lifetime Vinyl Tile cannot wear through, will not peel because it is not laminated. It is one solid piece with color and pattern clear through.

Complete information on the entire Robbins line is available from our factory and offices in Tusculumbia, or consult the yellow pages of your telephone directory for nearest distributor.

ROBBINS FLOOR PRODUCTS, Inc.
TUSCUMBIA, ALABAMA
Phone: Tusculumbia 1861
YOU CAN EXTEND or contract ½" PG's easily by hand to meet all desired c-c spacing requirements within a range of 6 to 18".

William Sincox, Heating Contractor, Union, N. J. says:

"My men find PG's install faster... make a neater job"

"Radiant panel floor and ceiling jobs have never been as easy as they are today with Anaconda's new PG's®."

Mr. Sincox should know. He's just finished installing a total of 70 PG's in a new Maplewood, N. J. home. Sixteen ½" PG's were used for the floor installation in the basement recreation room, shown above. Fifty-four ½" PG's were used for the ceiling installations in the rest of the house.

Mr. Sincox goes on to say, "My men like to work with PG's because they come ready to install. They don't have to do any hand bending on the job. And they don't have to string up coiled tubing.

"We've found that the expanded end of each PG reduces the number of fittings needed. It also cuts the number of solder joints we have to make just about in half.

"Last but not least, PG's make a much neater, more efficient job. No sags that might cause air pockets or require excessive thickness of plaster to cover. We're sold on them."

On your next job see for yourself how PG's make installation easier and cut costs. They are available in two sizes for both ceilings and floors—50 linear feet of ½" or ½" Type L tube. Write for Publication C-6 which gives the full story. The American Brass Company, Waterbury 20, Connecticut. Buffalo Branch, 70 Sayre Street. District Sales Offices: New York City, Rochester, Syracuse.

Copper Tube PRE-FORMED Panel Grids®

for Radiant Panel Heating


Corridor, Utica Free Academy, Utica, N.Y. Kinne & Frank, Architects.


For better design, better design it with TILE

American-Olean Tile is an exceptional material for today's public buildings. It lets you specify beauty, with the practicality built-in. It requires less maintenance than any other surface, and upkeep is both easy and inexpensive.

Still, it withstands almost any kind of abuse. Its beauty is permanent, because it is real clay tile!

Write today for free booklets. They simplify your specifications.

American-Olean Tile Co.

Executive Offices: 1063 Kenilworth Ave., Lansdale, Pa.
Factories: Lansdale, Pennsylvania - Olean, N.Y.
Member Tile Council of America
GETTING BETTER PERFORMANCE FROM REINFORCED MASONRY WALLS AT LOWER COST

New Dur-O-wal method establishing Nation-Wide trend in specification for Crack-Free Structures

Custom-fabricated, electrically-welded Dur-O-wal offers architects new design opportunities for masonry construction. Dur-O-wal is embedded in the mortar joint to give masonry walls a backbone of steel. It is butt-welded of high tensile steel (100,000 p.s.i.) to assure tight, neat mortar joints and side rods are knurled for maximum bond strength. Dur-O-wal incorporates architecture's oldest reinforcing principle, trussed design, to put more steel in the wall...every inch effective...because the side rods work together.

LOW-COST, SPEEDY APPLICATION AND NATION-WIDE AVAILABILITY CITED

Dur-O-wal handles fast, lies flat. It is fabricated in easy-to-handle 10 foot lengths. There is no tangle, no waste with Dur-O-wal and speedy handling cuts building costs. Gone are the days of wrestling with unwieldy rods, because Dur-O-wal does the job better...faster. You can specify Dur-O-wal, with confidence because it is nationally distributed from all principal cities and it is manufactured in the EAST, WEST, SOUTH and CENTRAL United States. Dur-O-wal is your key to lasting beauty and customer satisfaction for all masonry construction.

RECENT INDEPENDENT LABORATORY TESTS VERIFY MANUFACTURER'S CLAIM

You are invited to send for progress reports on the independent research studies now underway, which confirm Dur-O-wal's claim for maximum reinforcing strength and performance. Write to one of these four plants...• Dur-O-wal Products Inc., P. O. Box 628, Syracuse 1, New York • Dur-O-wal Div., Dept. 650, Cedar Rapids Block Co., Cedar Rapids, Iowa • Dur-O-wal Division Frontier Manufacturing Co., Phoenix, Arizona • Dur-O-wal Products of Ala., P. O. Box 5446, Birmingham 7, Alabama.

GENERAL SPECIFICATION DATA AVAILABLE NOW

You are cordially invited to contact the Dur-O-wal plant nearest you for general specification data, giving recommended usage for all types of masonry walls. This information is available along with independent test studies. The following data is taken from research studies on Dur-O-wal, conducted by A. R. Livingston, Assistant Professor, School of Engineering, Iowa State College, Ames, Iowa.

NOW...Every Masonry Wall Can Have a Backbone of Steel
Announcing

two new window catalogs you'll find helpful in new or modernizing work

by specialists in

**Visioneering**

They show you the time-tested, service-proved way to save on window maintenance

Windows can make a big difference in your building maintenance budget—they account for such a large percentage of the building's wall area. So the best window is your cheapest buy in the long run. That's why Bayley metal windows—steel or aluminum—have enjoyed such regular specification preference from cost-minded buyers. By exceeding usual standards in depth, weight, design, workmanship, appearance and performance, Bayley Windows effect maximum ultimate economy. In these catalogs, that will be gladly sent upon request, you'll find complete details on Bayley Windows to best meet every condition. Bayley is always glad to also consult with you on your specific window needs. No obligation.

*Visioneering—The science of coordinating vision, air and light in modern building walls with windows of advanced design.*

Bayley Visioneering Reflects 75 Years of Reliability

---

**THE WILLIAM BAYLEY COMPANY**

Springfield, Ohio

District Offices:

Springfield
Chicago 2
New York 17
Washington 16
what are your SPECIFICATION PROBLEMS?

The Expert Staff of U. S. G.'s ARCHITECT SERVICE DEPARTMENT Can Help You!

Concerned about fireproofing? Acoustical problems? Roof deck designs? Specifications for lathing and plastering systems? Fire insurance rates on various types of construction? Valuable specifications and suggestions on these and many other problems are yours for the asking from a member of U. S. G.'s Architect Service Department. Years of specialized training and experience have equipped these men to come up with the right answers. It'll pay you to get in touch with them next time you'd like help.

Telephone or write:
H. K. Phillips, 806 Crosby Building, Buffalo, N. Y.
Phone WAshington 3427
W. W. Bainbridge or J. A. Donahue
488 Madison Ave., New York 22, N. Y.
Phone PLaza 9-6580

UNITED STATES GYPSUM
The greatest name in building
OFFICERS AND DIRECTORS

1954

NEW YORK STATE ASSOCIATION OF ARCHITECTS

Adolph Goldberg
President

G. Morton Wolfe
1st Vice-President

Harry M. Prince
2nd Vice-President

John W. Briggs
3rd Vice-President

James Wm. Kidney
Past President

Trevor W. Rogers
Secretary

Martyn N. Weston
Treasurer

Charles R. Ellis
Past President

Matthew W. Del Gaudio
Past President

C. Storis Barrows
Past President

Henry V. Murphy
Past President

Donald Q. Faragher
Past President

EMPIRE STATE ARCHITECT
FOR OFFICES
...gives privacy and increased efficiency

FOR BUSINESSES
...adds profitable facilities in same floor area

FOR INSTITUTIONS
...brings economical flexibility of space

WHEN YOU NEED FOLDING DOORS, SPECIFY FOLDOOR

Make every room more usable, flexible, completely efficient — at far less cost! Use FOLDOOR — the famous fabric-covered folding door that puts every inch of floor space to work!

FOLDOOR saves swing space over ordinary doors, saves stack space over other folding doors — and every cubic foot you gain, cuts construction costs!

FOLDOOR serves as both door closures and movable walls. It divides the space to suit the need — makes a large room into smaller ones — provides privacy for small groups, spaciousness for large ones. The many FOLDOOR fabric colors harmonize with any interior, lend dignity to all surroundings.

Include FOLDOOR in all your building plans. You'll find the right size and type to fit your specifications. For further information, see Sweet's Catalog or contact us for details.

NEW YORK STATE DISTRIBUTORS:

Foldoor Company, Inc. 256 E. 49th St., New York 17
Hodick & Taylor, Inc. 71 W. Eagle St., Buffalo
The Maurer Co. 31 Richmond St., Rochester 7
A. P. Madden Co. 675 Oswego Blvd., Syracuse 8
Doyle Home Specialties Co. 182 No. Pearl St., Albany
Harris, McHenry & Baker 118 Partridge St., Elmira

A. Mason & Sons, Inc. Plattsburg and Peru
E. S. Macner Sales Co. 1027 Bacon St., Utica
Robert J. Green Co. 66 Wall St., Binghamton

HOLCOMB & HOKE
THE SMARTEST THING IN DOORS
The most rigid test for any floor tile is right in those rugged testing laboratories—the homes and offices throughout the country. And MATICO Asphalt Tile—and all the other fine MATICO products—has been passing these grueling tests with flying colors in installation after installation.

But before MATICO products are subjected to this “final exam”, they must pass exhaustive scientific tests right in our own lab—and we can be tough, too! For instance, MATICO Asphalt Tile flooring must meet or exceed exacting Federal specifications for flexure, curling, impact and indentation—in addition to constant examination for color uniformity, square corners and straight edges. Any tile that fails to pass these tests—and many others—is automatically rejected.

What does all this mean to you? It’s your assurance that MATICO Asphalt Tile—or any MATICO product—will always meet your exact specifications.

MATICO ASPHALT TILE

Quality proved in the world's toughest testing laboratories!

Mastic Tile Corporation of America
Joliet, Ill. • Long Beach, Calif. • Newburgh, N.Y.
Manufacturers of Aristoflex • Confetti • Parquetry • Asphalt Tile • Cork Tile • Plastic Wall Tile
In public buildings such as this, that are built to last, again and again you'll find that in the vital spots copper invariably gets the call over other metals.

There are valid reasons for this. Not another metal or alloy has all of the desirable construction characteristics of copper.

Just check the features of Revere Copper Water Tube outlined in the panel at the right. No wonder there was no hesitation or question when nearly 4 miles of Revere Copper Water Tube was written into the Laurel Street School specifications for plumbing, heating, refrigeration and temperature control lines. And contractors prefer Revere Copper Water Tube because it is not only readily handled and worked, but they know they can trust copper to guard their reputation for quality work. Sizes of tube used in the Laurel Street School ranged from \( \frac{1}{2} \) inch to 4 inches.

There were also more than 10,000 pounds of Revere-Keystone Thru-Wall Flashing® and Revere Sheet Copper for ventilator hoods and miscellaneous flashing. * Patented

WHY REVERE COPPER WATER TUBE IS PREFERRED BY—
Architects, Builders, Plumbing & Heating Contractors

EASY TO BEND
Saves Time
Revere Copper Water Tube is easy to bend. Soft temper can be bent by hand to meet installation conditions.

HANDY LENGTHS
Save Fittings... Labor
Revere Copper Water Tube comes in straight lengths of 20' in hard and soft tempers. 60' coils of soft temper reduce the number of fittings needed.

SOLDER OR COMPRESSION FITTINGS
Need Less Work Room... Save Metal
No worry about wrench room when you use Revere Copper Water Tube with solder fittings. Compression fittings can also be used. No threading is necessary with either type fitting. Wall thickness of tube used can thus be less than for threaded pipe.

NON-RUSTING
Rustable pipe eventually clogs as shown in drawing at top right. Non-rustable Revere Copper Water Tube suffers no loss of flow or pressure as shown at bottom right. No allowance in pipe size need be made for rust accumulation with Revere Copper Water Tube.
YOUR HELP IS NEEDED

It is hoped that you are planning to go to the October Convention because your presence is needed there to help formulate plans for the betterment of the Association that it may be of ever more value to you.

The Association does not owe the individual member too much. Naturally your small contribution as dues to maintain the Association is of value. But what do you owe your Association?

Were it not for your Chapter or Society and particularly your State Association in your behalf, it is quite possible you would now be competing with the left hand carpenter, bricklayer or tinsmith who might get himself a board, a piece of wrapping paper, a stub pencil and start drawing plans. Your battles for the protection of you and your fellow practitioners have been fought by your Association and it will continue to battle for you but it needs your support. And this can be given by attending your Convention, staged for one express purpose — to help you.

It is the voice of the membership that guides the Association. Yours and mine if we will but heed the call for ever welcome assistance through suggestions and assurances of confidence.

Unfortunately there are too many of us who thunderously denounce our Chapter, Society and Association leaders for what appears to us to be bad “this or that” decisions or directives; yet most of us who so complain are many times those who seldom if ever attend a meeting of fellow Architects.

The Convention is our legislature. It is where good counsel is needed — where new thoughts for the betterment of the profession can be divulged and be debated upon and where what we believe are inequities could be changed, modified or eliminated.

This is to be your Convention. Why not attend the 3 day conference? Meet the fellows up or down the State that possibly you think you do not like. Have a chat with them. Swap ideas and the chances are you will be better off for doing it. The Convention floor is yours. If you don’t like what is being offered, voice your disapproval. If you have a good idea, state it, if it is for the benefit of the profession.

And, incidentally, these Conventions are not all “work and no play” affairs. We will have with us this year many building products which we use in our every day work, together with a lot of new materials, the information on which undoubtedly will help you in your designs of the future. It is the place where we can all get the real lowdown from the fellow who makes the products. He and his associates are there to help us and the ideas you may get from the exhibits might well be worth the time you lose at your desk or drafting board.

If you would like to see what the other fellow does and how he does it, you will want to examine the plans and work of your competitors. (Or do you have any competitors?)

The Architectural Exhibit last year was well worth going miles to see and this year it will be even better.

The Convention is not only for Registered Architects. Your Chief Draftsman and others in your Office would get much out of a conference such as will be held and keep this in mind — the draftsman of today will be the Architect of tomorrow, taking both your place and mine. So prepare them well. Take one or more to the Convention with you and, if you can’t go yourself, just possibly can’t leave your Office for 3 days out of 300 for such an important mission, send or allow some of your men to go to Lake Placid in October.

And remember this — “The richest Architect in the cemetery.” “You can’t take it with you,” and “It is later than you think” are expressions we often hear but actually there is more truth than poetry in them.

MORT WOLFE
Because the Portland Cement Association believes that the best interests of the individual and the community are served when competent professional services are engaged to insure sound building construction, it is a basic Association policy to urge the employment of qualified engineers or architects on concrete construction whether the job is a skyscraper, a bridge, a pavement, a sewer, a house or a farm structure.

A principal function of the Association’s staff of concrete technicians is to assist engineers and architects with concrete design or construction problems.

The educational literature and the many drawings of typical concrete uses which the Association distributes widely in the United States and Canada, are intended to be helpful in obtaining the maximum service which concrete can render.

Drawings of typical designs carry a notation to the effect that final working drawings should be prepared and approved by qualified engineers or architects.

**PORTLAND CEMENT ASSOCIATION**

347 Madison Ave., New York 17, N. Y.

A national organization to improve and extend the uses of concrete through scientific research and engineering field work
THE PRESIDENT'S MESSAGE

MAY I extend to all members, exhibitors, guests, their ladies and friends a most hearty welcome to our Annual Convention on October 21, 22 and 23, at the Lake Placid Club, Lake Placid, New York.

The Convention Committee has arranged for your pleasure a most entertaining program. Our exhibitors too, will have on display building materials and methods of tomorrow.

Apart from the opportunity to relax and enjoy the company of your many friends, you will take part in the feature of our annual meeting — the interchange of ideas, review of the work and accomplishments of the past and the formulation of plans for the future.

For the second time, this past year, our Legislative Committee headed by our Past President Matthew W. Del Gaudio, with the full cooperation of the New York State Society of Professional Engineers, was successful in opposing an attempt to amend the Education Law which would permit the extension of public practice of Engineering by corporations. From all indications, we may face this problem again at the next legislative session in Albany.

May I thank the chapters, the societies and the many individual members who helped us in our last battle. We will need your full cooperation in the next one.

The Legislators look for and welcome our advice. They seek our clear and constructive criticism to guide their actions.

I AM greatly indebted to my fellow officers, directors and chairmen of our various committees and to the membership at large for making my term in office a rewarding experience.

It was an honor to serve you.

Adolph Goldberg, President

New York State Association of Architects
PITTSBURGH OFFERS
Informative Service
TO ARCHITECTS

1. PITTSBURGH PAINTS
   A complete line of Paints and Enamels for interior and exterior surfaces.

2. MAESTRO COLOR SYSTEM
   300 Colors in Interior Wall Paints, Wallhide Alkyd Flats, Wallhide Rubberized Satin and Satinhide Enamel by a simple intermix system.

3. 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.

4. DESIGN OF THE MONTH
   A bulletin devoted to unusual Carrara Glass Designs for Exterior Store Fronts available to architects on request.

5. STORE FRONT DETAIL BOOKLET
   Available to all Architects. This book contains details of all the products normally included in store front details.

6. PITTOMATIC HINGE
   Automatic Door Opener, opening force is hydraulic, safety features, may be double acting, silent operation, available so that it can be opened by treading on special plastic mat. Information on request.

7. TECHNICAL ADVICE
   Multiple Glazed Units, Refrigeration, Nesa Units, Glass Block Lighting and Diffusion, Dusklite for ribbon window construction with Glass Block installation. Details and Working Drawings available on glass products where necessary.

Pittsburgh has many services relating to Glass or Paint Products available on request. Warehouses located in ALBANY, BINGHAMTON, BROOKLYN, BUFFALO, MINEOLA, MT. VERNON, SYRACUSE, ROCHESTER and UTICA.
CONVENTION COMMITTEE CHAIRMEN
1954

Matthew W. Del Gaudio
Convention Chairman

Donald Q. Faragher
Co-Chairman
Seminars & Speakers

G. Morton Wolfe
Commercial Exhibits

Carl W. Clark
Architectural Exhibits

Charles R. Ellis
Publicity
Treasurer

Roswell E. Pfahl
Recreational Activities

William G. Distin
Hospitality

Simeon Heller
Registration

EMPIRE STATE ARCHITECT
PROGRAM
1954 CONVENTION

WEDNESDAY, OCTOBER 20th, 1954

1:00 P.M.  Registration — Club Post Office — Lobby
6:30 P.M.  Group Dinners
8:00 P.M.  Bridge, Canasta

THURSDAY, OCTOBER 21st, 1954

9:00 A.M.  Registration — Club Post Office — Lobby
9:30 A.M.  OPENING SESSION — Agora Auditorium
            Adolph Goldberg, President New York State Association
            of Architects, presiding
            Report of Board
            Report of Treasurer
            Report of Secretary
            Report of Committees
            Report of Nominating Committee

1:30 P.M.  LUNCHEON — Forest East Suites
            Toastmaster: To be announced
            Invocation:
            Welcome: Mayor of Lake Placid
            Response: Adolph Goldberg, President New York State
            Association of Architects
            Introductions:

3:00 P.M.  RECREATIONAL ACTIVITIES AND TOURS (jointly)
            Monte Carlo in Club House
            White Face and North Pole  \ Weather Permitting
            Boat Trip — Lake Placid  \ Weather Permitting

6:30 P.M.  PRESIDENT’S RECEPTION — Agora Auditorium
7:30 P.M.  BUFFET DINNER — Forest East Suites
9:00 P.M.  SPECIAL EVENT — Agora Auditorium

FRIDAY, OCTOBER 22nd, 1954

9:30 A.M.  SECOND SESSION — Agora Auditorium
            Adolph Goldberg, President New York State Association
            of Architects, presiding
            Reports
            Election of Officers

1:00 P.M.  LUNCHEON — Forest East Suites
            Toastmaster: To be announced
            Invocation:
            Introductions: Donald Q. Faragher
            Speaker: Roger Allen
            Subject: “Architecture and Everything Else — Also Miscellaneous”

2:30 P.M.  SEMINARS — Agora Auditorium
            Donald Q. Faragher presiding
            Subject: “Specification Improvement”

7:30 P.M.  ANNUAL BANQUET — Forest East Suites
            Toastmaster: To be announced
            Invocation:
            Introductions: Donald Q. Faragher
            Speaker: Ralph Walker
            Subject: “The Human Use of Architecture”
SATURDAY, OCTOBER 23rd, 1954

9:30 A.M. Final Session — Agora Auditorium
            Adolph Goldberg, President New York State Association of Architects, presiding
            Reports
            Report of Resolutions Committee
            Resolutions and Announcements

1:00 P.M. Luncheon — Forest East Suites
            Toastmaster:
            Introductions:
            Installation of Officers

2:00 P.M. Awards — Forest East Suites
            G. Morton Wolfe presiding

2:30 P.M. Director's Meeting — Agora Auditorium

Women's Program

WEDNESDAY, OCTOBER 20th, 1954

4:00 P.M. Registration — Club Post Office — Lobby

6:30 P.M. Group Dinners

8:00 P.M. Bridge, Canada

THURSDAY, OCTOBER 21st, 1954

9:00 A.M. Registration — Club Post Office — Lobby

1:30 P.M. Luncheon — Birch Room
            Mrs. William G. Distin presiding

3:00 P.M. Recreational Activities and Tours (jointly)
            Monte Carlo in Club House
            White Face and North Pole / Weather Permitting
            Boat Trip — Lake Placid

6:30 P.M. President's Reception — Agora Auditorium

7:30 P.M. Buffet Dinner — Forest East Suites

9:00 P.M. Special Event — Agora Auditorium

FRIDAY, OCTOBER 22nd, 1954

9:30 A.M. Visit Exhibits

1:00 P.M. Luncheon — Forest East Suites

2:30 P.M. Planned Entertainment

7:30 P.M. Annual Banquet — Forest East Suites

SATURDAY, OCTOBER 23rd, 1954

9:30 A.M. Shopping, Planned Entertainment

1:00 P.M. Luncheon — Forest East Suites

2:00 P.M. Awards — Forest East Suites
            G. Morton Wolfe presiding
THE COMMERCIAL EXHIBITORS

Booths

1 & 2 COLLUM ACoustical co., INC., Syracuse, N. Y.
Celotex Acoustical Products
Unit Panel Partitions (White Manufacturing Co.)
Flexwood, Randomwood (U. S. Plywood Corp.)
L. S. Ayars

3 DUSING & HUNT, INC., Buffalo, N. Y.
Plydoors

4 & 8 ROLSCREEN COMPANY, Pella, Iowa
Pella Unit Casement Windows
Pella Multi-Purpose Windows
Pella Wood Folding Doors
A. O. Stilwell, Russell Allen, Earnie Maurer,
Carl Bodek, L. A. Malossi, E. E. Mikkelsen,
Charles Dice, Sherwood G. Brown, Elton Crabb

5 ZONOLITE COMPANY, Albany, N. Y.
Zonolite Systems of Lightweight Roof Construction
Lightweight Aggregates and Acoustical Treatment
Melvin E. Lobinger, Jack Clough, Art Smith,
Don W. Rapp, W. K. Chalker

6 ROBBINS FLOORING CO., INC., Reed City, Mich.
STORM FLOORING CO., INC., New York, N. Y.
YAIGER FLOOR CO., INC., Rochester, N. Y.
Robbins Floorbound Continuous Strip
Robbins Parquet Wood Tile
Carl W. Abendroth, Michael Serton, Joseph A. Yaeger,
Joseph D. Alter, George Storm

7 COLONY MANUFACTURING & SALES CO.,
Glens Falls, N. Y.
"COLONY" Wall Partition Cabinets, Sliding Doors
and Pre-Hung Doors
F. T. Hay, John C. Hay, Frank Brewer

8 MARTIN FIREPROOFING CORPORATION,
Buffalo, N. Y.
"Steel Edge Creteplank"
Robert G. Speed, Chas. A. Martin, Jr.

9 WOOD-METAL INDUSTRIES, INC.,
New York, N. Y.
Institutional Homemaking Cabinets & Cases
Austin F. Loucks, Jr., Charles N. O'Brien,
T. O. Gronlund

Booths

12 & 13 AMERICAN-OLEAN TILE CO., Lansdale, Penna.
A. E. Glazed Tile (Real Clay Tile)
Olean Unglazed Tile (Real Clay Tile)
James D. Maclay, Walter B. Cherry, Lewis S. Phillips,
Donald H. Benedict, A. Scott Hamilton,
Joseph J. Kufa, Edward C. Luther,
Donald J. Sutherland

14 THE CALDWELL MANUFACTURING CO.,
Rochester, N. Y.
New Caldwell "HELI" Tubular Vertical Heavy Duty
Sash Balance
Caldwell "SPIREX" Spiral Residential Sash Balance
Caldwell Clock-Spring Sash Balance
Allen C. Boucher, E. Sidney Turner, Richard P. Powell

16 SUBURBAN PROPANE GAS CORPORATION,
Whippany, N. J.
Bottled Gas and Application to Domestic, Commercial
and Industrial Appliances
W. J. Torpy, Donald Phillips, John P. Young,
J. F. Doran

18 JEROME F. WALKER & ASSOCIATES,
Victor, N. Y.
Carterwright & Morrison — Teko Trusses
Unit Structures — Blue Laminated Timber

20 NATIONAL CHEMICAL & MANUFACTURING
COMPANY, Chicago, Ill.
Luminall, Satin Luminall, Outside Luminall, Luminall
Latex Slipper Texture Paint, Satin Luminall Marbl-
L-Cote Mixture for Painting Aggregate Block
Joseph Gordon, Charles Tartak, Edward Robinson

21 HARDWARE SALES CO., INC. (Arcadia Division),
Darien, Conn.
Arcadia Sliding Steel Doors
Arcadia Sliding Steel Windows
George F. Taylor, Robert C. Thoman, William Kraetz,
Richard Kraetz, Earnest W. Maurer, Russell Allen,
Charles Dice, Sherwood G. Brown, D. F. Johnson,
Richard Stasso

22 PITTSBURGH PLATE GLASS CO., Utica, N. Y.
Polished Plate Glass
Herculite Plate Glass
PC Glass Blocks
Pittsburgh Wallside Paint
Twostone
Twistoweld
Booths

23 AMERICAN SEATING CO., Syracuse, N. Y.
Auditorium Chairs
School Furniture
Church Furniture
Folding Chairs
Stadium Chairs
Miscellaneous School Equipment
Norman E. Wietig, Edward H. Heneveld, John A. Ott,
William R. Sonke

24 CARR, ADAMS & COLLIER COMPANY,
Dubuque, Iowa
Cabinet Line
Casement & Awning Window
Frank Barker

25 OWENS-CORNING FIBERGLAS CORPORATION,
Toledo, Ohio
Sound Control Products
Roof Insulation Products
John A. McKay, Stan Mueller, John Lowery,
Richard S. Ringwalt, Wm. B. Ball, Jr., Edward Rainer

26 LOK PRODUCTS COMPANY, Los Angeles, Calif.
Lok Products Mechanical Ceiling Suspension Systems
R. T. "Curt" Curtis

28 ELECTRIC FURNACE-MAN, INC., Emmaus, Pa.
Electric Furnace-Man automatic heating equipment
E. F. M. Five-jet burners
F. L. Hilder, W. L. Griffith

29 & 30 GENERAL WOODCRAFT COMPANY, INC.,
North Bergen, N. J.
WOODCO "Rose Bay" Window
WOODCO E-Zee Lo Wood Awning Window
WOODCO R.O.W. Deluxe Removable Wood Window
FABRICO E-Z Hung Extruded All-Aluminum Combination Storm Window & Screen
WOODCO Casement Window
WOODCO Removable Sliding Window
Mark G. Gilbert, Walter M. Bill, George McVie,
John Kiely, Wilbur A. Gerhold, Charles L. Kleinknecht

31 S K INSULROCK CORPORATION, Linden, N. J.
Insulrock
Spray Craft
D. V. Johnson, William Burnham, Joe Gottfried,
Frank Higgins

33 DENISON CORPORATION, N. Miami, Florida
Denison Aluminum Awning Windows
Denison Aluminum Jalousie Windows & Doors
Morton Savell, A. A. Peeters, F. S. Jay,
Bertram Schleimer, A. B. Mallins, George Parker,
William Meissner

Booths

34 THE MOSAIC TILE COMPANY, New York, N. Y.
Glazed and Unglazed Ceramic Floor and Wall Tile
William F. Kelly, Raymond E. Gear

36 ROBBINS FLOORING PRODUCTS, INC.,
Tuscumbia, Alabama
Robbins Vinyl Tile
All Purpose Static Flooring
Thomas Doherty, Valerie Blake

37 HOLCOMB & HOKE MANUFACTURING CO.,
Indianapolis, Ind.
AND
GENERAL INTERIORS DISTRIBUTING CO.,
Buffalo, N. Y.
Foldoor
J. M. Coons, S. J. McCarthy, William Shepherd,
John Tobey, Clarence Wheeler, W. A. Doyle,
John Mason, Weston B. Hoddick, Norman Sickels,
Earnest W. Maurer

38 & 39 BINGHAMTON BRICK COMPANY, INC.,
Binghamton, N. Y.
Binghamton, Horseheads and Champlain Facing Brick
Charles E. Austin, Clarence P. Austin, Carl A. Austin,
J. W. Estus, Jerry T. Allen

40 PORTLAND CEMENT ASSOCIATION,
New York, N. Y.
Information on Cements and Concrete Construction
F. J. Dorsey, J. B. McConvile, A. J. Yeats

41 DUR-O-WAL PRODUCTS, INC., Syracuse, N. Y.
Dur-O-Wal
John Lanuzzi, Robert Yenny

42 NEW YORK STATE CONCRETE MASONRY
ASSOCIATION, Buffalo, N. Y.
Lightweight Concrete Masonry Units
Robert Abbey, Harvey H. Black, William C. Homer

43 ANCHOR CONCRETE PRODUCTS, INC.,
Buffalo, N. Y.
Flexicore & Stretcocrete Precast Concrete Floor & Roof Systems
Autoclave Cured (High Pressure Steam) Concrete Blocks
Frederick W. Reinhold, Dan L. Sutter,
William Fitzgerald, Harvey A. Lee

FYRATE, INC. & W. J. HAERTEL & CO.,
Chicago, Ill.
Fyrate Systems
Mechanical Suspension Systems
J. W. Geidenberger
NYSAA EXHIBIT OF SCHOOL BUILDINGS
for
ANNUAL NEW YORK STATE SCHOOL BOARDS ASSOCIATION CONVENTION
SYRACUSE WAR MEMORIAL—Syracuse, New York
October 24, 25, and 26, 1954

GENERAL INFORMATION
The New York State School Boards Association will hold its annual convention in Syracuse on October 24, 25, and 26, 1954. It will be attended by school administrators and other educational leaders who are seeking to gain sound ideas for improving the education programs in their home towns and communities. In cooperation with these aims, the New York State Association of Architects, as the representative organization of registered Architects in New York State, has been invited to present an exhibit of architectural material illustrating School buildings completed or in process of construction.

A central and special feature of the exhibit will be a panel prepared for such purpose by the Public Relations Committee of the NYSAA pointing out the details of professional service performed by the Architect.

ELIGIBILITY
All entries shall be submitted by registered architects having their principal office in New York State. Eligibility is limited to members of the NYSAA. Entries shall depict buildings, for any age group below college level.

All entries shall be on structure completed or on which contracts for construction have been awarded.

No advertising or mentions of awards shall be attached to entries.

CLOSING DATE AND SHIPPING INSTRUCTIONS
Entries must be shipped "Express Prepaid" to: Carl W. Clark, c/o Railway Express, Syracuse, New York, and shall be received by the Committee on or before October 21, 1954. If you desire space, fill out the attached form and mail promptly, enclosing your check in the required amount. Applications will be accepted in the order of receipt up to the limit of space. If your application is received after all space has been allotted, you will be notified and your check returned to you promptly.

MANDATORY RULES FOR SUBMISSION
1. Entrance Fee—Each entry shall be accompanied by a fee of $20.00 per 30"x40" mount, or one meter size mount.

2. Mounts—All entries shall be on rigid single mounts 30"x40" or one meter square. There shall be no models.

3. Plans—Site plan and principal floor plans shall be shown legibly and accurately at scale; with numerical or graphic indication of scale. The composition shall be at the discretion of the entrant.

4. Four (4) mounts permitted an entrant.

DESCRIPTION DATA
Type and location of projects as well as name and address of architect shall identify each exhibit.

PHOTOGRAPHS
a. Exterior—At least one photograph (preferably two) showing principal elevation and general character of the exterior.

b. Interior—At least one photograph. Photographs shall be monotone.

PHOTOGRAPHIC COPIES of renderings may be submitted for photographs where eligible projects have not been completed.

INSURANCE
Each entrant must take care of his own insurance and liability, the Committee will not.

ENTRY RETURN
Entries will be returned at the close of the Convention, Express Collect.

THE COMMITTEE
PARKER W. DODGE
FRANKLIN F. FOIT
FRANK C. DELLE CASE
HELEN C. GILLESPIE
CARL W. CLARK, Chairman

ENTRY BLANK FOR SCHOOL EXHIBITS
Syracuse War Memorial Auditorium, Syracuse, N. Y.
ANNUAL NYSAA EXHIBIT
October 24, 25, 26, 1954

Firm
Address
Space desired: Single mounts @ $20.00
Double Mounts @ $40.00
Remittance herewith $ ___________________________
Payable to: Martyn Weston, Treasurer, NYSAA
Detach and mail with check to:
Carl W. Clark
P. O. Box 900
Syracuse, N. Y.
Here is a bird's-eye view sketch by Eggers and Higgins, Architects, 100 East 42nd St., New York City, showing the New York State Thruway as it will appear at Indian Castle. Depicted on the left is a type A restaurant-gasoline station unit on the New York bound side. A modern pedestrian bridge spanning 180 feet over the road will connect with a C type gasoline station (shown at right) on the Buffalo bound side.

The architects have completed final plans for the 27 restaurant-gasoline station units that will line the Thruway between New York and Buffalo and will be built at an approximate cost of $20,000,000. This is believed to be the largest restaurant construction program ever attempted at one time.

Final plans for the 27 restaurant-service station units that will line the 427-mile New York State Thruway between New York and Buffalo have been completed, according to an announcement by the architectural firm of Eggers and Higgins, 100 East 42nd Street. The architects have released a specially prepared composite bird's-eye view sketch of a Type A restaurant and gasoline station that will be located at Indian Castle on the New York bound side. It also depicts a modern covered pedestrian bridge at that point that links to a single gasoline station on the Buffalo bound side.

The total construction cost of all units in what is believed to be the largest restaurant construction program ever attempted at one time will approximate $20,000,000. This figure was established in 1952 by the Thruway Authority. A contract has been awarded for the first of these units, at Indian Castle, and it is expected to be completed by December of this year.

Three temporary eating places will be available for motorists when the first stretch of road between Utica and Rochester is officially opened June 24. They will be located at Batavia, Manchester and Syracuse and for economy reasons the same units will be transferred to other points as the Thruway progresses. Eventually these temporary buildings will be used for maintenance vehicle storage areas. Meanwhile, the sites vacated will be utilized for permanent section maintenance buildings.

Operating within the framework of a fixed budget
and in conformity with Thruway Authority economy standards, the architects have designed a series of attractive buildings in keeping with modern merchandising principles of the restaurant operators and requiring minimal maintenance care. As examples, the architects point out that the interior and exterior walls are of masonry; all exterior metal is aluminum, eliminating painting of windows and doors; no painting will be required of ceilings in the restaurants and lobbies since they have been acoustically treated; all dining quarters are air conditioned and in those restaurants facing south and west heat resistant glass will be installed to cut down the heat of the sun thereby making the air conditioning more effective. The illusion of almost perfect daylight through a blended mixture of incandescent and fluorescent lighting has been achieved.

Originally many experts in the restaurant field estimated it would take considerable time to resolve the divergent operating methods of the three restaurant operators into a common denominator agreeable to all. Actually only four major meetings between architect and operators were necessary, to iron out such problems as those involving conveyor belt systems; small pots for vegetables; electronic cooking; the use of electrical, steam or gas equipment; and the maintenance responsibility of the restaurant operator and the gasoline station operator. As a consequence the operational layout, customer circulation and kitchen equipment layout will be uniform in all cases, thus assuring efficient functioning.

The three operators—namely Hot Shoppes, Inc. (New York to Albany), Union News Company (Albany to Syracuse), and Restaurant Associates, Inc. (Syracuse to Buffalo) will each retain their personality by determining individual interior decor.

Spokesmen for Eggers and Higgins said that four basic type restaurants of varying sizes were planned to conform with expected traffic patterns, and with provision for enlargement of the smaller units at little expense should the traffic pattern warrant the change. These types, located 30 miles apart, are:

One Super A to be located at Sloatsburg, Buffalo bound, and consisting of a Gas Station, Snack Bar, Gift Shop, Lunch Room, Dining Room and Cafeteria;

Five A Types to consist of Gas Station, Snack Bar, Gift Shop, Lunch Room and Dining Room. Three of them will be situated at Clifton Springs, Indian Castle, and Ruby. Two will serve Buffalo bound traffic at Malden and Junius Ponds;

Eleven B Types to consist of Gas Station, Snack Bar, Gift Shop and Lunch Room. Six of these will be located New York bound at East Pembroke, Port Byron, West Moreland, Amsterdam, Coxsackie and Modena. The five serving Buffalo bound traffic will be located at Plattekill, Pattersonville, East Schuyler, Canastota, and Le Roy:

Seven C Types to consist of a Gasoline Station and a Snack Bar. Three are to be located New York bound at Scottsville, East Syracuse and South Schenectady. The four Buffalo bound units will be at Glennmont, Warners, Victor and Clarence.

In addition to the four separate types mentioned there will also be three minus Types consisting of gas station units only. One of these will be located New York bound at Sloatsburg and two will be located westbound at Ardsley and Indian Castle. Covered foot bridges to be erected over the Thruway at Sloatsburg and Indian Castle will afford New York bound motorists an opportunity to cross over to the opposite side and dine and rest at one of the A Type restaurants located there. These bridges, standing 11 feet above the Thruway and spanning 180 feet, will have sliding glass panels and it is expected that they will serve a dual purpose of passage and observation sites.

Selection of building sites presented many problems, the architects stated. Foremost in mind was a picturesque locale that would enhance the general environment of the restaurants during the motorists' brief period of relaxation. Eggers and Higgins pointed out several other factors that were considered. Prime concern was evidenced, they said, over the securing of a domestic water supply inasmuch as an average site requires approximately 100 gallons of drinkable water per minute. Geologists conducted seismic explorations using United States Geological Survey maps, dynamite and exploratory drilling in efforts to find water. In some cases their efforts produced wells that were rejected since the water contained dissolved chemicals in quantities too great for economical treatment.

Buildings had to be placed so that oncoming motorists could be afforded a long-range vista of the site and thereby avoid any "surprise" factor. Consideration was given to the proximity of access roads for service trucking. Sites were ruled out that were too close to industrial plants, quarries, swamps and garbage dumps. Sites had to be near a flowing stream in order that the treated discharge from the sewage handling plants might be received. Some of these plants are large enough to service towns the size of Monticello or Waterloo. Many potential sites were eliminated because they required excessive excavation and fill to reach a desirable surface level in relationship to the Thruway. An elevation of 4 feet above the road service is considered satisfactory.

Every restaurant is of fireproof construction, and each has its own emergency generator to provide adequate lighting in cases of outside power failure. Additional buildings in the restaurant-gasoline station program are now being bid on.
The new Cayuga County Savings Bank building, now under construction at the corner of State and Genesee Streets, Auburn, New York. Sketches for the proposed structure were started in 1950 to replace an existing four story brownstone building about sixty (60) years old. After much study, final sketches were approved in 1953 and contracts awarded in January 1954. The demolition was substantially completed during March, and the work is now approximately 42% complete.

The new building will be one of the most modern in Auburn and will have many fine features such as gray and red exterior granite veneer, fixed aluminum windows glazed with glare reducing dual glazing, complete acoustical treatment, air conditioning, travertine and vinyl floors, hot water heating and complete fluorescent lighting. Decorations in the main banking room will include a walnut panelled wall opposite the draped west windows.

The main floor will provide space for nine tellers, three officers' desks, two closing rooms and vault; a large private office and directors' room on the mezzanine. The basement will provide a large record vault, employees' lounges, and a complete future safe deposit department. It is anticipated that the work will be completed and the building ready for occupancy in the spring of 1955.
THE BRONX

THE BRONX COUNTY TRUST COMPANY'S BRANCH

M. W. Del Gaudio, Architect

The Bronx County Trust Company's branch bank at the northeast corner of Broadway and Verveelen Place, is located in a neighborhood which is increasing in population by leaps and bounds. The recently erected city housing project, known as "Marble Hill," the erection of high-class apartment houses in Riverdale, and the importance of 231st Street as a shopping center, has made banking facilities a prime necessity in this neighborhood.

The Bronx County Trust Company, the foremost banking institution serving the community of The Bronx, has numerous branches located in centers of business activity in the various populated areas. It selected the location at Broadway and Verveelen Place as being central in that area.

The recent growth of population has also brought with it a great industrial expansion, the needs of which are also served by the Bronx County Trust Company.

The branch bank is completely equipped with all banking facilities and accommodations on the first floor, and with safe deposit department, including steel vault, rest rooms, etc., in the basement.

Attached, and directly to the rear of the bank, is a parking area for twenty-five cars, for use by the customers of the bank.

The building now occupied by the bank originally was the Kingsbridge Post Office, and was altered to suit the needs of the bank at a cost of approximately $150,000.
Mohawk Manor is a motorist hotel two stories high and without basement, built near the center of the City of Buffalo, and designed to accommodate motorists in much the same way that the well-known motel serves this trade. One chief difference is that it is two stories instead of all on the same level and entrance to rooms is through corridors rather than exterior doors.

The services and the decor are almost identical with the best of the modern hotel plants. The rooms are tastefully decorated and curtained, the furniture is new and cheerful, with the best quality bedding throughout.

The property is equipped with good parking facilities for all guests adjacent to the entrance lobby. All arrangements of utilities are made with a view to minimum labor in administering the sleeping accommodations.

The halls and guest rooms are carpeted and every effort is made to reduce disturbing transmission of sound to guests.

The construction is, in general, a load bearing wall construction with a light concrete slab on steel joists; the ceilings and walls are plaster; the bathrooms are wainscoted and floored with ceramic tile; the windows are intermediate steel casements designed to accommodate air conditioning units; the heating is forced hot water run through fin radiation in the baseboards. The exterior is local face brick with stone sills and stucco spandrels.

The building comprises 72 guest rooms, each with its own bath. These rooms all accommodate double twin beds. The lobby is equipped with comfortable furniture and has a small lunch room adjacent for the accommodation of guests. The manager is provided with a private suite for family living. The parking accommodations are for 80 cars.
CORNING

CORNING COUNTRY CLUB
Fudge & Underhill, Architects

Program
A new club house to replace one destroyed by fire along with a pro shop. The accommodation is for approximately 600 members. A flexible layout was desired that would accommodate with ease either large social gatherings or small private parties.

Site
The club house is located in the center of the golf course on the highest location of the course. It is surrounded by rolling land and heavy wooded areas. The orientation is such that the approach to the club house is from the South and the best views are to the North and West which are seen from the flagstone terrace which faces Northwest.

Solution
The bolted steel structural system was adopted for the roof structure. A few columns were used but most of the system was wall bearing. This framing system allowed for overhangs from 6' to 13' in depth. The club house contains locker rooms for both men and women, a card room, bar, dining room, lounge with a large fireplace at the west end, kitchen and the necessary office, shower and toilet rooms and an apartment for the manager. The bar, dining room and lounge are so arranged with movable partitions and curtains that they can be opened up into one large area. The building is air conditioned.

NEW PALTZ

DORMITORY — STATE TEACHERS COLLEGE
Harry Halverson, Architect

Materials and Costs
Foundations and floors are reinforced concrete. Walls are cinder block back-up covered with brick veneer and vertical cypress siding. The roof is a steel deck on structural steel members covered with a 20 year built-up roof plus insulation. The ceilings are suspended acoustical type with removable fiber glass panels. Fenestration is steel sash with double glazing. Floor finish is rubber vinyl tile. Wall coverings are sheet rock, wood paneling, ceramic tile and painted cinder block. All doors except front entrance are walnut and front entrance has aluminum frame with tempered glass. The Heating System is oil-fired with fin tube radiation. Lighting is both incandescent and fluorescent. The construction cost was $17,000 per sq. ft.
There are still a few clients around who are not over-awed by large glass areas or intrigued by bringing the meadow and orchard into the living-room. Such a client was Mrs. R. Clifford Black, who prefers in her surroundings an echo of the past.

However, it becomes increasingly difficult for an office to detail traditional work with integrity since the young architects of today have never learned and pride themselves on this lack of knowledge. In the office, these are referred to as “archeological projects.” Modern architecture like the automobile is here to stay but Georgian Colonial, too, has been with us a long time.

The problem of the Black house was to demolish an existing large house outmoded by the desire for a smaller one, and to erect a new building with as much of the old material as possible. The contractor, Elmer W. Howell, of Babylon and New York, worked on the rigid time schedule and literally tore the old house down from around Mrs. Black as she retired to one wing. All facilities had to be kept in service while the demolition was going on.

The house is frame with brick veneer. The brick was a hand-picked used brick to give the structure a mellowed look. Wood panelling, fireplace mantels and a sweeping staircase were remodelled and relocated in the new house.

Located on a small rise above the Boston Post Road in Pelham Manor, New York in a setting of large evergreens and beeches gives the red brick and white trim a good color contrast.
PLATTSBURG
PROPOSED CIVIC CENTER
Sargent-Webster-Crenshaw & Folley, Architects

This is a multi-purpose civic center building providing a large hall for athletic events, stage opening into the hall with a unique design arrangement to provide sloped seating for use when the stage is in use. Emphasis has been placed on youth facilities including club meeting rooms, social room, kitchenette facilities and shower and locker rooms. A kitchen is provided for banquet service in the main hall. The building contains 506,537 cubic feet.

SAUGERTIES
PROPOSED AMERICAN LEGION CLUB HOUSE
Harry Halverson, Architect
A highly picturesque yet challenging site across from Rochester's famed Lilac Park demanded a simple and direct approach to the Farm and Home Center. The Center originated from an earnest desire on the part of the various agencies to better serve their members and their community.

A short time ago all the agencies were occupying cramped and inefficient rental areas far removed from each other. The resulting scheme gives spacious well organized areas to all agencies under one roof. The members now may personally contact all agencies with little effort and the agencies may contact each other without loss of valuable time. The under one roof scheme has the added advantages of common rooms used by all agencies creating a highly economical and efficient solution.

The three major agencies, namely the Farm Bureau, Home Bureau and 4-H Bureau had similar requirements since their duties are two fold: office space for administration and specialized teaching areas for instruction. The central core contains the multi-purpose rooms serving all agencies.

Interior walls and partitions are painted concrete block. Office partitions are wood and glass screens, easily removable to give maximum flexibility. Except for ceramic tile floors in the lavatories, all flooring is asphalt tile. The built-in equipment is natural finish birch and the ceilings throughout are acoustical tile. The contract was let in late 1953 and the cubic foot cost, less outside work, was $1.12.
ROME

ST. JOHN THE BAPTIST R. C. CHURCH
FRANK W. BRODERICK, Architect

Rome’s newest church is located on East Dominick St., within the business section and is sited on property formerly occupied by the Revere Copper & Brass, Inc. The Mohawk River forms the southeast property line.

The structure is 117 feet in length and 55 feet, 6 inches at the nave section; it is supported by 151 concrete piles. Foundations and main floor are of reinforced concrete. Exterior walls are of red blend brick in full range with limestone trim. The roof is 20 oz. copper, ribbed pattern, with copper laminated fleche housing the electric carillon.

Off the narthex are baptismy, collections and ushers’ rooms. The nave was planned to seat 744 at adult spacing, with 61 additional seats in the choir; the total meeting the requirements of 800 seating capacity. At the dedication, close to 1000 persons were seated in the building. The sanctuary is 30 x 22 and of simple treatment. Altars are of Italian marble and floor of rubber tile. The carved reredos and tester are 22 feet in height. All sanctuary furniture is oak; walls are plastered for owner’s future decoration.

Laminated wood structural arches support the main roof; ceiling is wood lightly stained; interior walls are of lightweight concrete block and floors throughout, including under pews, are asphalt tile.

On the basement level, a large social hall occupies the area below the nave. Church suppers are popular in this parish and incidentally constitute an important source of income. A completely equipped kitchen permits food preparation on a level approaching hotel basis. Below the sanctuary, space is allotted to the grotto, directly accessible from the outside. Ceilings of all principal areas are acoustically treated and a P.A. system serves both levels. The church is heated by forced hot water.

Contracts were awarded in October 1952 as follows: General, $213,315; Plumbing, $13,533; Heating, $26,250; Electric, $11,843; Cabinets & Pews, $17,460.

SYRACUSE

THE LOHFF RESIDENCE
GORDON P. SCHOPFER, Architect

The one-floor residence consists of two bedrooms, living-dining room combination, bath, kitchen-breakfast room, screened porch and two car garage. The exterior is natural vertical redwood siding with white trim clerestory window lighting the living-dining area. This residence is owned by Mr. & Mrs. Karl F. Lohff.

42

EMPIRE STATE ARCHITECT
The architects were required to produce a building housing dental clinic and a residence with as great a speed as possible. The detailed space requirements for the dental clinic were not finally established until after the building was actually under construction. The need for great speed dictated that a Contractor be secured and construction started on a fixed fee basis. By following this procedure the Owners saved 8 to 10 weeks time which normally would have been required to settle the complicated engineering problems and complete working drawings.

The foundations are reinforced concrete with 12" reinforced concrete block walls. The excavation was made partially in water bearing shale which required a perimeter drain with dual sump pumps ejecting water into the storm sewer. The foundation walls were covered with one inch of iron type plaster to further prevent the entrance of moisture. The main laboratory, anesthetic storage, office storage, doctors' and nurses' rooms, as well as the family recreation rooms are located in the basement and completely finished and air conditioned. The boiler room contains four 5 ton refrigerating machines for the air-conditioning as well as for heating. Located in the boiler room are an incinerator, domestic hot water tanks, complete electrical controls and various pumps and compressors necessary to the dental practice.

The exterior walls are 4" stone veneer on wood frame. The stone is random coursed ashlar Adirondack Hue quartzite in autumn hues. The roof is framed with wood trusses supporting a slate roof. Exterior woodwork is redwood finished with 2 coats of oil. Windows are horizontal sliding aluminum sash glazed with thermopane.

The first floor of the dental offices consists of 6 treatment rooms and two operating rooms. All of these rooms are furnished with ceramic tile walls, acoustical plaster ceilings and rubber tile floors with the exception of the 2 operating room floors which are of conductive tile.

The two operating rooms also have explosion proof electrical fixtures and outlets because of the type anesthetic used in these rooms. An effort was made to reduce the sound transmission from these 2 operating rooms to other spaces. However, the openings required for heating and air-conditioning, medicine cabinets, flush lighting, etc., reduced the somewhat effectiveness of the double wall sound barriers provided.

Service rooms for the treatment rooms are located in the center of the office wing with circulation provided around the perimeter. These service rooms consist of 2 small laboratories, the larger of these being serviced by a dumbwaiter to the main laboratory below, a dark room, 2 recovery rooms, a sterilization room and patient toilets. The business portion is so located within this core area that the receptionist has complete control of incoming and outgoing patients at all times. The waiting room is divided into two separate areas, one for the children and one for adult patients. The doctors' study separates the offices from the residence and is strategically located to afford view of the entrance as well as being adjacent to the main desk. The study room walls are double type to reduce noise transmission into the residence.

The entire office wing is equipped with "Muzak" which quietly plays at all times in order to raise the sound level so that usual dental noises are not heard. The entire wing has an intercommunication system controlled from the main desk. All the treatment rooms have anesthetic piped from the central anesthetic storage room in the basement. These rooms also have vacuum and compressed air from a central system located in the boiler room. The entire building is completely air-conditioned and heated in four separate zones, two in the office wing and two in the residence.

The residence consists of eleven rooms, three baths and a lavatory as well as an attached 2 car garage and an enclosed porch which is also heated for winter use. The main circulation is through a central stair hall and service circulation is through the laundry.

(Continued on Page 51)
This building, now under construction at Pulaski Street and Hiawatha Blvd., in Syracuse, will receive farm implements and parts from the factory and from it distribution of the company’s products will be made to a wide territory.

The four acre site is ideal for the company’s purposes, having potentially over 750’ of rail siding, 700’ of street frontage, and ready accessibility to east-west and north-south truck routes. A disadvantage, however, is in poor bearing soil which has made necessary the design of footings with a load of only 750 lb. sq. ft. Prof. C. E. Croom was consultant to the architect in the foundation design.

About two-fifths of the building is to be used as a parts depot and the remaining area is largely a warehouse. Offices, service rooms, and a combined display-conference room occupy a relatively minor portion of the total area. Structural steel bays are 20’ x 40’, with longspan steel joists and a steel roof deck. There is a covered trucking dock 18'-0" deep at the street side and a railroad dock 14'-0" deep at the rail siding.

Walls are to be concrete block and metal panels, with some stone trim at the office area. The display room has a glazed wall toward the street 12'-0" high and 40'-0" long.

The project involved replacing existing inadequate wooden structures with modern facilities on a restricted triangular lot. The work had to be coordinated with the operations of the Water Dept., which served 150,000 people.

The new building provides offices for the Yard Superintendent, Yard Clerk, Construction Superintendent and Foremen’s Office. Adjacent to Yard Office is
a Small Parts and Tool Storage Room which is under lock and key at all times. Locker and Toilet Facilities are provided for fifty men.

Repair work is divided into two parts; light repair consisting mainly of small meter and valve repair, and heavy repair consisting mainly of hydrant repair and large valve work. These operations are carried on in separate rooms equipped with work benches and power tools.

A garage area 150' x 70' provides storage for twenty passenger cars and twenty trucks, cranes, bulldozer and other heavy equipment. A two post lift is built into the repair bay. A wash rack is provided for all vehicles.

TROY

NURSES' RESIDENCE AND EDUCATION BUILDING
ST. MARY'S HOSPITAL
Harrison and Mero, Architects

The building is L shaped. The hypotenuse of the triangle is closed by a reinforced concrete storage dock 25' x 150' along the railroad side. The dock is roofed over and equipped with a monorail. Large valves and special fittings are stored on the dock. A small enclosed portion at the end of the dock is provided for parts that must be kept completely out of the weather. At the front end of the dock near the entrance gate is the Oil house.

The building is faced with Horseheads brick. It is steel frame construction, gypsum plank roof deck. Office floors are asphalt tile. Toilets are quarry tile floors and glazed tile wainscot. Unfinished walls are cement block. Floors in work areas are concrete.

COST DATA — General Contract — $419,411.00
Heating Contract — 71,092.00
Plumbing Contract— 48,804.00
Electric Contract — 24,465.00
Elevator Contract — 15,133.00
Total Cost ................ $606,905.00

PROGRAM: To provide a building on property adjacent to the existing hospital to accommodate a nurses' training program (in conjunction with St. Rose College in Albany) to lead to a Bachelor of Science degree. The building to provide training and living facilities for about eighty girls at present with a possible future enrollment of one hundred.

SOLUTION: The building was designed to fit the topography of the site, with grade entrances at both the basement and main floor levels. A direct connection to the hospital building, while considered to be highly desirable, proved impossible to attain because of the very hilly site without extensive alterations to the hospital building. This proved to be highly undesirable, and the direct connection was sacrificed.

After considerable study, the living accommodations were developed in terms of two person bedrooms, with study facilities, storage closets, and lavatories included in each room.

The building was developed in an L shape, with all educational and staff facilities in one leg and all residential facilities in the other. The ultimate plan is to add to the residential wing to make a U shape to provide additional dormitory space when and if it becomes necessary.

ROOM SCHEDULE:
BASEMENT: Cafeteria to seat sixty. The serving kitchen and serving bar are separated so that this room can be used for receptions, teas, etc. Locker room for outdoor clothes; toilet rooms for women and for men visitors; recreation rooms; steam service room, elevator machine room, etc.

(Continued on Page 60)
LONG ISLAND SOCIETY CHAPTER

The Long Island Society Chapter held its final meeting of the past season on Friday evening, June 4th, at the home of Paul Jagow in Hempstead. This social meeting at Mr. Jagow's lovely home has become an annual end-of-the-season feature. The host showed slides taken on his recent Caribbean and South American cruise, followed by refreshments and a ball session.

Another annual custom is that of presenting a prize to one of the students in the course in Architectural Construction and Drafting at the Long Island Agricultural & Technical Institute in Farmingdale. A jury of Chapter members judges the design problems each year. The award consists usually of two books on architecture, and has done much to stimulate the students' interest. The Chapter was represented at the National Convention by its President, Walter Brach, its Secretary, Joseph Waterson, and a new member, Irving Saunders. At a recent meeting the Chapter decided to follow the advice and recommendations of the Washington headquarters, and is taking steps toward incorporation. The annual Yearbook of the Chapter has gone to press and will soon be ready for distribution. The Yearbook circulates about 1,000 and has become indispensable to public officials and all those engaged in various aspects of the building trades and real estate. It lists the names of the officials in the two counties and in many townships of Long Island, and also gives data on the scores of incorporated villages with information on their building codes, water supply, sewers, etc. It is kept up-to-date by complete revision each year. During the year the Chapter has taken in nine new members, and at the first meeting this fall four will be welcomed. The Chapter is looking forward to a busy new year.

SYRACUSE SOCIETY

Business meetings for the Society will be resumed late in September with the President, Gordon Shopfer, presiding. Thomas Parker, Program Chairman, has many interesting ventures planned for the coming year.

The annual clambake, in cooperation with the Syracuse Builders Exchange, will be held the first week of October as usual. Seminars will be held on many pertinent subjects, lead by local well-versed architects, including talks on such topics as the St. Lawrence Seaway, sanitation, soil mechanics, regional planning, moisture control and insulation, building type studies and office practice procedures.

In addition to the seminars, joint monthly meetings with the Builders Exchange are to be held for the purpose of bringing to light new building materials and techniques.

A fall outing is planned for members and their wives.

EASTERN NEW YORK CHAPTER

Our executive committee has been active during the summer, setting up a schedule for the coming year which will be announced at the first monthly meeting, September 15.

The program for the year is being arranged on the basis of a questionnaire, circulated last spring to the membership, wherein each member was afforded to comment on last year's program and express his desires as to time, place, and subjects for the 1955 meetings.

Based on these findings, James Metro, Vice-President and Program Chairman, is arranging a program of varied subjects, which will appeal to our large proportion of associate members, members of Student Associate Chapter at Rensselaer, and will be of interest to all members.

BROOKLYN SOCIETY

The annual installation dinner held at the Hotel Granada in Brooklyn was a grand success as expected. All thanks to the splendid work of John Tricarico and his Committee. The occasion was most auspicious with the presence of the architects' wives and many notables including many Department of Housing and Buildings officials headed by Commissioner Gilroy. Also present were our esteemed President of the New York State Association Adolph Goldberg and C. Storrs Barrows, New York District Director of A.I.A.

The ever genial Borough Superintendent of Brooklyn, Benjamin Saltzman, was the master of ceremonies. The Honorable Thomas J. Mirabile, Councilman of the City of New York and honorary member of the Brooklyn Society, installed the new Administration.

A special honor in the form of a gift of a gold wrist watch was presented to Harry Silverman, the retiring President, as a token of esteem for the splendid services he rendered to the Society.

Frank Randazzo, the new President, in his speech stressed the point that the Brooklyn Society's able and active Committees were constantly analyzing the various City and State building laws and regulations in view of correcting inconsistencies and defects which
frequently show up in practice and which adversely affect the public interest and the practicing architect. He voiced the Society's vigorous support of the Brooklyn Architects' Scholarship Foundation headed by Anthony Daidone as its president.

The Society is pleased to report that it has initiated many amendments to Building legislation which have now been enacted into Law. It has had many recommendations for changes of City Code administrative procedures adopted. All this being done thru the framework of the Architects' Council.

WESTCHESTER CHAPTER

A review of the events in the life of the Westchester Chapter, A.I.A., for the past twelve months reveals a satisfactorily full and active program, perhaps more so than it would seem at any given time during the period in question. These activities largely centered in committees, and will be so outlined in this report, rather than following chronological sequence.

Committee Reorganization: Soon after the new officers and directors took office in February, a special board meeting was held, primarily for the purpose of revising the entire committee line-up to conform to the A.I.A. national reorganization, with its regional links to the Chapters. Our various committee chairmen were appointed to serve also as members of the regional committees, and all Regional Chairmen were notified as to these appointments.

Collaboration of Design Professions: The predecessor of this committee had outlined an awards program, but had recommended delay in putting it into effect. However, under J. Edward Lueders as the new Chairman, this committee has inaugurated a program of awards to Chapter members for work during 1950-52, which is now in the screening process.

Public Relations: With Millard F. Whiteside as Chairman, this committee continued its program, with a general feeling of increasingly favorable treatment of architects and architecture in the local press. (With, however, some notable and disappointing exceptions.) Several members attended the regional PR Workshop in New York, and found it stimulating and helpful.

Architectural Practice: Eli B. Rabineau, Chairman. This committee has been holding collaborative sessions with its opposite number in the local Engineers' Chapter, and with Building Officials with the general aim of increasing supervision work by both architects and engineers, thus in part supplementing the efforts of Building Departments in attaining a higher and (Continued on Page 69)
"Live Walls"—A great new teaching aid made possible by Armorply Chalkboard*


The Moduwall Company of New York has developed a "live wall" treatment of the old school blackboard that is winning the praises of teachers and school heads alike. The kids think it's great, too!

This new device makes it possible to adjust the height of the chalkboard to the height of the child without costly alterations. Any schoolroom can now be used for any age group of pupils in a matter of minutes.

Armorply Chalkboard was specified because it more than met all the exacting requirements for an installation of this type. Armorply Chalkboard has a tough porcelain-on-steel face that is bonded to Weldwood plywood. It defies abrasion; can't buckle, warp, chip or shatter. Its cool green surface takes chalk beautifully and is easier on young eyes. It's a lot easier to clean with the Armorply Chalkboard Divi-

The best features of Armorply Chalkboard are that small magnets are attracted to its steel face, making visual aid devices and live classroom demonstrations possible.

AVAILABLE WITH AND WITHOUT TRIM FOR ANY TYPE OF INSTALLATION

Armorply Chalkboard is more economical to install because it requires no costly fixed grounds. It can be mounted on any wall with a minimum of effort. It takes only one trip to the job site to install both chalkboard and trim.

Armorply Chalkboard is available in standard stock size panels and in special sizes to order. Plan on using Armorply Chalkboard in your next installation. Remember, it's guaranteed for the life of the building!

For further information consult with the Armorply Chalkboard Division of the United States Plywood Corporation, or mail coupon.

*Trade Mark

TAXED IN THE STATE OF WASHINGTON
ANNOUNCING...
a brand new 3-in-1 aid to educators!

Honeywell SCHOOLMASTER System

controls classroom temperatures for easier learning

reports teaching temperature to principal

plus ... added fire-alarm protection for students

For further information please contact any of the following Honeywell offices:

MINNEAPOLIS-HONEYWELL REGULATOR COMPANY
221 4th Avenue at 18th Street
New York 3, New York
Phone—Gramercy 7-8900

311 Nottingham Road
Syracuse 10, New York
Phone—72-9191 thru 72-9194

MINNEAPOLIS
Honeywell
First in Controls
The problem of eliminating excessive moisture in game rooms and other family basement areas has brought forth three distinct types of equipment.

The simplest and least expensive is a portable basket-like affair in which calcium chloride crystals are placed to absorb the moisture in the air. These crystals dissolve in the process, and the end product is caught in a pan below the basket. This is largely water highly charged with calcium chloride. When the crystals are dissolved, the pan is full of water, and the homeowner disposes of it in the nearest sewer connection.

One of the pioneers in this type of design is the Solvay Process Company of Syracuse. Two of their top-flight chemists patented the basket described above, and the company is marketing it at a nominal price to promote the sale of their calcium chloride. The basket will hold about 5 pounds of crystals which are enough to extract about 2 gallons of moisture from the air. One hundred pounds of the crystal cost around $3.75, so for a small problem this method makes a satisfactory and inexpensive solution.

In a family where there are small children, however, this type of equipment has its drawbacks. It can easily be tipped over and spilled, and calcium chloride solution or crystals would not be proper food for a child.

The equipment described will usually take care of a game room of about 6,000 cubic feet. Two other types of chemical absorbers are used in larger equipment. These have the property of drawing moisture to themselves mechanically and giving it up when heated.

The crystal called Silica-Jel has thousands of tiny holes and crevices in which moisture gathers. When saturated with moisture, these crystals are heated in a container which has a vapor escape pipe to outside air. Usually this equipment consists of two parts—one of which is actively absorbing moisture, and the other which is being reconditioned by heating. Its use involves fans and ducts and also a gas connection to supply the heat. In a larger job where 15 to 20 thousand cubic feet are involved, this equipment has been quite satisfactory. The only cost is the amount of gas involved used in the drying-out process.

Another similar approach to the problem has been made through the use of Lithium Bromide. This is an aqueous solution which has the property of absorbing moisture similar to the Silica-Jel. It has been marketed under the name of "Kathanbar.

A third approach has been to provide a miniature refrigerating system, complete with motor, Freon compressor, cooling coil, and a small fan to drive the air through this cooling coil. This equipment can be plugged into an electrical outlet in any part of the house, and it will automatically extract moisture from the air. Its owner must keep a wary eye on the pan which is under the equipment so that it is emptied before it runs over. It is probably less expensive to operate than the chemical methods and has the feature of portability, plus cleanliness. If the water should overflow, it is distilled, or pure water, entirely free from mineral content. If a child should play in it, he would only get wet. These machines have been offered for sale for around $150.

Of the three types suggested, the first has the advantage of low initial cost with the disadvantage of contending with a solution charged with chemical salt. The second method runs into several hundred dollars for apparatus and would be considered only under unusual circumstances. The third method seems to offer a compromise between the first cost and the lesser cost of operation.
The first floor rooms consist of a combination kitchen, breakfast room, adjoining laundry, dining room, guest room, guest bath and living room. The enclosed porch is adjacent to the kitchen and both overlook the backyard for child supervision. The floors in these rooms are vinyl tile and walls are papered with a washable paper. The floors in other rooms have wall to wall rug covering with either painted or papered walls. All the ceilings and in the residence are of hard white plaster with various finishes applied.

The main stair hall, which has a ceramic tile floor, leads upstairs to a central corridor which services four bedrooms and a large bathroom. The master bedroom has its own private bath adjoining and accessible only through the master bedroom. Among the various storage facilities provided on this floor are a large cedar closet, linen closet, cleaning closet and a blanket storage closet. A pull down stair located in the corridor ceiling provided access to additional storage space in the attic. All the bedrooms have wall to wall rug covering and painted walls and ceilings with the exception of the children's room. This room with its study alcove has cork tile floors and birch panelled walls. Each child has his own storage unit and study space in the study alcove.

The result has been to fuse the two components of this building mainly that of the office and the residence, but at the same time isolate them in their use. The site being a corner lot with an acute angle lends itself particularly well to this scheme as the residence faces on a relatively quiet street while the office wing is on a comparatively busy street. Parking facilities for patients and some of the staff are provided at the end of the office wing thus omitting some of the congestion on the busier street. The back yard is entirely landscaped to screen out a view from any direction and provide privacy in a rather crowded residential district.
Favored for performance throughout the Empire State

SERIES SPO
Power Boilers — 13 sizes, from 605 to 3000 sq ft heating surface. High Pressure Wee Scot Series (not shown) range from 97 to 500 sq ft heating surface.

SERIES SOH
Heating Boilers — 19 sizes, from 129 to 2500 sq ft heating surface.

In prize-winning schools, ultramodern hospitals, efficient industrial plants, handsome office and apartment buildings throughout the state of New York, TITUSVILLE Boilers are strongly represented. Their fine construction, dependable performance and wide range of types and sizes give free choice to the architect who specifies the best. • Do you have a complete Titusville file? Write!

THE TITUSVILLE IRON WORKS COMPANY
TITUSVILLE, PENNSYLVANIA

Manufacturers of A Complete Line of Boilers for Every Heating and Power Requirement
A few years ago a school building was in the process of being erected in Northern New York. That school building had as its architects members of this chapter of the American Institute of Architects. It was a beautifully designed school, as all schools are which are designed by members of this chapter of the AIA. The architects being practical as well as theoretical, specified that the water supply come from a basement well, rather than a well outside which, in our country, would have required frost-proofing along the pipes against the sub-zero winter cold.

The architects, being not only practical but foresighted, decided that the water which would be used in construction should come from this well, and after the school was finished, the well would serve the purposes of the school. So the specifications were let and the contracts awarded, and construction started. Both the construction and the search for water began at approximately the same time. In the middle of July a pump was placed in the well in the boiler room, or where the boiler room would be, and construction moved on speedily, as it does on all jobs that are supervised and closely scheduled by competent architects. But a week after the first hookup of the water, the well began to dry up. There wasn't enough water for the cement mixers. They put on a stronger pump, and it sucked air, just like the earlier pump.

So the volunteer fire department of the neighboring community was called in. Volunteer fire departments are very friendly and responsive organizations in Northern New York, and they started pumping water from a nearby stream across the highway. Occasionally even the experts of the volunteer fire department run atoul of the fire underwriters. They protested the fire trucks being located in a neighboring community. They did not like the idea of pumping water across a public highway. So once again the cement mixers ran out of water. A new well driller was sought out, and he arrived to dig deeper for more water. As a temporary expedient, the contractor blasted out and secured a pond which was adequate for his needs and those of his cement mixers. There were the usual delays which all of us in Northern New York are familiar with when well drillers are employed, and in this case the well digger arrived about three weeks late.

As he moved his rig into position, one of the rubber tires on his vehicle burst, fortunately at exactly the spot where the well was to be dug. Five days later the digger had gone to 185 feet. Another week, and he was down to 200 feet, and he stopped. The explanation was that the friction broke and that he was sending to Ohio for some more friction. One week later — now we are in September — the bricklayers were starting. They started their phase of the construction, and the well digger and his rig were now in the basement with concrete walls rising up around them, and the situation became desperate.

Transportation in the 20th century has become most reliable, and the friction arrived from Ohio. No record was ever kept as to what the friction looked like, who signed the receipt that it had arrived, or who installed it, but in any event, shortly after the bricks began to

---

**Beautiful, Economical Mo-Sai**

*Reg. U.S. Pat. Office*

brought SAVINGS to this bank

Varied shapes, interesting texture, unlimited color combinations and comparative thinness combine to make Mo-Sai precast facing slabs a stimulating and economical construction material. Large units mean fewer joints, as much as 60% to 80%, with consequent savings in pointing, flashing and maintenance costs.

Bank: The Wilmington Savings and Trust Co.,
Wilmington, N. C.
Architect: Charles C. Hartmann,
Greensboro, N. C.
Contractor: The Mable-Bell Company,
Greensboro, N. C.
go up on the walls, the well digger's machinery started once again to dig. It went to 205 feet by the middle of September. One week later, the bit got caught in the well. Once again the machinery broke down as the motor pulled and strained to loosen the bit. On the 26th of September the drill was down at a level of 235 feet, lodged in the ground, and there was no water.

At this juncture in the school construction and the digging of the well, the well digger, as was his custom, went off on a moose hunting trip. There was plenty of water in the pond outside for the contractor. He was being paid by the hour and not by the job or by the foot, so it was no concern of his that the job should be delayed while recreation took precedence. It had been an ordeal ever since the 18th of August, what with bursting tires, broken friction, and a lodged bit. A man under such conditions had a right to hunt moose.

Two weeks later, the moose hunters returned, no moose, but refreshed and ready for another assault on the well. The bit was loosened, and by the last week in October the well digger was still in the cellar—which was a cellar now. Brick walls were high around. The boiler room installation was coming along fine. The boilers were in place next to the well digging rig, and at least the digger had confidence that if it were to be a cold, long winter, he and his men as they continued their quest for water would have warmth.

In our country, however, diggers always reach the water eventually, and so 10 gallons a minute flowed into the well all of a sudden down there deep in the ground. This occurred only a day or so after a geological expert had studied the terrain, looked over the conformation of the ground, thrown up his hands and said, "The prospect of water in the area of the proposed well is indeed remote." He was an expert, however, and of course an expert on the subject of wells frowned on the use of the dousing rod or the divining rod, that mysterious apple crotch that finds water. After all, back three months earlier, the divining rod had said that water was to be where it now had been discovered three months later.

So the last engineering undertaking was that of removing the well digger's equipment. It was impossible to hoist the gear over the wall with a crane because the brick wall was now too high, and so it was necessary to dismantle the machinery and move it out through the narrow shop doors. They missed by two weeks having the vehicle roofed in, and of course the school was completed ahead of schedule, as they always are when designed, engineered and supervised by architects belonging to this chapter.

This is a long story, but who ever has talked with an architect who has not had to listen to a long story, a minute description of the potpourri of why's and wherefore's if the question is as involved as that of changing the hinges on a door. The architects unfurl plan after plan and blueprint after blueprint, documents that are full of secret symbols and confusing lines, upward projections, downward projections, interior schemes, and exterior schemes. They sit at their tables with an array of pencils the lead of which is so hard nobody can read what they write, unless he has sensitive fingers and can feel the indentations in the paper. These are the people, rather I should say you are the people, who are meeting the press tonight, and seek counsel on the subject of making more friends in
order to influence more school boards to buy and use your services.

I have used architects. I know them to have a well-developed sense of humor, a thorough and broad intellectual background, an ability to be conversant on all subjects, and with a well-defined interest in all subjects. Actually therefore, an architect and a newspaperman are not too far apart mentally and intellectually. Architects probably would be aghast if they thought they were kin to newspapermen. Newspapermen would probably admit that the last people in the world that they wanted to be akin to are architects. Yet, in the sanctity of this room, may we forget our prejudices and admit one to each other that we are pretty close and possibly the newspaperman may be a bit superior intellectually. Since we unanimously accept this premise, I now can proceed to tell you how you can get along with newspapermen.

Architects run into serious problems in their role as representative of the owner and in carrying on a relationship with the contractor. They experience many times incidents that are both serious and humorous in their jobs. They experience these situations when they are involved in erecting school buildings, publicly financed, publicly owned, and therefore of great interest to the public. The story of the well digger was conveyed to me by an architect. He, together with his associates, participated in a most interesting and well-received feature story. The architect who told the story and then followed it up with supporting materials that made it a news story, in that one instance established himself as a good friend of the newspaper. Here was a simple experience known (Continued on Page 62)

architectural beauty in 3 dimensions

RIGID-tex METALS

strength, utility, and beauty in over 25 different Rigid-tex Metal patterns to give architects unlimited imagination in architectural applications ... that's what is offered you. Extra strength and attractive glare-resistant designs in curtain wall panels ... mar-resistant beauty for door panels or office partitions ... acoustical fins or panels to swallow up noise ... sales-appealing store facades all rolled into one design-strengthened, three-dimensional metal.

RIGIDIZED METALS CORPORATION
6709 OHIO STREET BUFFALO 3, N. Y.

Send for 16-page complete catalog ... on Company letterheads, please, or see Sweet's Design File in Ri.

CONSOLIDATED BRICK CO., INC.

Manufacturers of Wood Moulded, Sand Struck Brick

HORSEHEADS, N. Y.

Phones: Elmira, N. Y. 9-3649 or Binghamton, N. Y. 2-3439

COLOR DESCRIPTION OF HORSEHEADS FACING BRICKS

All colors of HORSEHEADS bricks are true ceramic colors. Various clays, shales, sands, metallic oxides and other minerals are mixed, moulded and fired according to formula and schedules developed through years of research. The color control processes are grouped and described as BLENDS. These blends are further divided into RANGES. We are attempting here to give a word picture of the shades in each range.

CORNWELL BLEND
CORNELL BLEND
SENECA Range—Soft rose and slight sulphur yellow staining
CAYUGA Range—Senecas plus some dark flashed greens, browns and blacks
OWASCO Range—Senecas with about 50% flashed, some moderately distorted
SKANEATELES Range—Mostly flashed, distorted, clinkers—green to black

NATURAL BLEND
NAPLES Range—Dusty rose and pastel pink mingle.
CANANDAIGUA Range—Light buff and gray with pink and rose undertones
CONESUS Range—Conandoiguo plus a high percentage of flashed greens

COLLEGE BLEND
CAZENOVIA Range—Medium to dark purple, red with some sulphur yellow tints
ONEIDA Range—Cazenovia plus some blue black flashed brick
ONONDAGA Range—Cazenovia with about 50% distorted clinker blues

EMPIRE BLEND
GENEVA Range—Medium to dark reds with some sulphur yellow tints
DRESDEN Range—Bright to medium reds with some dark flashed shades
WATKINS Range—Pink to light reds including pastel rose and yellow tints

Because words do not paint a picture, the above description is only a general guide. The name of the range, however, is the key to the plant color control and will appear on all samples and panels, as well as orders and invoices for the sake of duplication when matching is necessary. All ranges can be made in Standard, Jumbo, Roman, Norman or SCRSM sizes but sizes other than Standard are not carried in stock.
Dignity, security and strength without undue mass are illustrated in view on opposite page, of the front elevation of architect's perspective. The soft tones of a carefully selected blend of brickwork impart to this edifice an air of reverence.
Throughout the AIR CONDITIONING Industry—

**AEROFIN** FIN-TYPE HEAT-TRANSFER UNITS do the job Better, Faster, Cheaper

**AEROFIN CORPORATION**
410 South Geddes St., Syracuse 1, N. Y.

---

**FARRAR & TREFTS, INC.**
Established 1863
20 Milburn Street, Buffalo 12, New York

**U. S. SCOTCH BOILER** with oil burner and induced draft fan

**BISON BOILERS**
Heating and Power Boilers in sizes ranging from 10 H.P. to 350 H.P.
API - ASME ASME CODE
Quality Boilers To Give Quality Service
* See Sweets' Catalog

---

Specify
**ALKYD SANI-FLAT . . .**
for walls and ceilings
and
**SATIN IMPERVO ENAMEL . . .**
for walls and trim

**Benjamin Moore paints**
Tops in Quality
For More Than 70 Years

511 Canal Street, New York 13, New York

---

**WILKINSON**
SOILED LINEN RUBBISH DUST CHUTES
FOR
Hospitals — Nurses' Homes
Dormitories — Apartments
Hotels — Institutions

INTAKES
Hopper Type Bottom or Top Hinged Doors
Foot or Hand Opened
Noiseless Self-Closing

DISCHARGE HOPPERS
Top Hinged Counterweighted Doors
Large Storage Capacity

ADDRESS
WILKINSON CHUTES INC.
924 KEITH BUILDING
CLEVELAND 15, OHIO
Representatives in all Principal Cities
Estimates Gladly Furnished
Wire, Phone or Write for prices

---

EMPIRE STATE ARCHITECT
THAT NECESSARY EVIL—THE ARCHITECTURAL ENGINEER

BY THOMAS H. MCKAIG

After one's fortieth class reunion has come and gone, one is — in the parlance of the day — sorta sticking out one's neck to go back to college to learn something — even though only to a short seminar. Yet, that is what I have done, and I really enjoyed it. Somebody up at M.I.T. found out that I, along with some others, didn't know as much about thin shells of reinforced concrete as we should know in the light of current architectural trends. To overcome my ignorance, the departments of architecture, civil engineering, and building construction collaborated to put on a three-day session at Cambridge, and I, together with over two hundred other assorted architects, engineers, contractors, and graduate students, spent the time listening, making notes, asking questions, and meeting others from Georgia, or Kansas City — London, England, or New Zealand, who were likewise interested. In view of the fact that my office had already done one rather simple thin shell design, I was not completely unacquainted with the system, but after listening to Felix Candela of Mexico City (see Progressive Architecture for June, 1954) I really realized what a piker I was in thin shell design. So far as I can see from the registration list there were only four New York State Architects at the Conference, so I believe I am safe in repeating a few facts I gleaned at the Conference.

Just in case you don't know what I'm talking about, look up your Architectural Records from April through October, 1953, in the "Time Saver Standards" section. In its commonest form, it is a barrel vault about 3½ inches thick with stiffening ribs or arches spaced 20 to 40 feet apart. These ribs may be above or below the slab, or the slab may frame in part way up. The first of the three is most economical of forming — the last most economical of material, I gather. As to cost, it is the most economical system in use of material so far devised to cover broad areas. The system is not usable in multi-story structures, and as in any other form of concrete construction, the reuse of forms is of fundamental importance. Normally, a minimum of four re-uses is necessary for economy. It would seem to me that proximity to a good structural steel market would have a lot of bearing on the relative economy of steel rigid frame construction, for example, as against thin shell reinforced concrete. What is economical in concrete construction in Texas might not be most economical in Pittsburgh.

The reaction of the speakers from the field of architecture was rather varied. In general, it was an attitude of approval — with caution. From the viewpoint of the speakers on acoustics and lighting, thin shells required rather elaborate treatment to make architectural structures satisfactory. These objections of course had no bearing on such structures as hangars or warehouses. However, even the conservatism of the architects evaporated at the free and startling uses of shells demonstrated by Mr. Candela. His contributions were most enthusiastically received by everyone present.

Outside of the 95 degree weather, everybody had a good time — and even the dumbest of us learned something. The speaker of the evening at the usual dinner meeting was a psychiatrist — but whether they made the suggestion after they looked over the registration list, I do not know. Anyway, you shoulda been there.
ST. MARY’S HOSPITAL

(Continued)

MAIN FLOOR: Entrance Lobby, Receptionist Desk (with intercommunication system console); Telephone Switchboard; two Reception Rooms; Lounge; Faculty Board Room; Administrative Offices; Library with reference room and workroom; Classroom; Lecture Hall to seat 225; separate lobby entrance and checkroom for lecture hall, which connect by stair with the cafeteria.

RESIDENCE WING (same on all three floors): Thirteen two bed rooms; floor mother’s apartment; two single rooms—sick bay, etc.; common room; laundry; toilet rooms; shower room with bathtub compartment and shampoo sinks.

SECOND FLOOR: Nursing Arts Laboratory with (a) 12 beds; (b) utility room set up; (c) dressing, shower, and toilet room adjoining; (d) folding partition to next classroom for large group demonstrations. Two classrooms; Dietetics Laboratory; Faculty Offices.

THIRD FLOOR: (Front Section only); three seminar rooms for graduate nurse instruction; Offices.


GIVE YOUR CLIENTS BOTH WITH

Cheerful, Comfortable INTERIORS
Beautiful, Modern EXTERIORS!

Check These Outstanding Features

ROLLS OPEN
Easy horizontal operation, precision bearing rollers.

SAVES MAINTENANCE
Requires no paint. Won't rot, swell, warp, stick or rust.

WEATHERPROOF
Hi-pile, water and wear resistant weatherstripping cuts heating costs.

SMART STYLING
Enhances all motifs.

EASILY CLEANED
Sliding sash removes into room for easy washing.

SAFE
Positive locking in closed, one, two and three inch open positions.

ADVANCED DESIGN
Eliminates putty, sash balances, cranks, hinges.

FURNISHED COMPLETE
Built-in storm windows, screens, if desired.

50 STANDARD SIZES
All designs and sizes popularly specified for residential, commercial and monumental buildings supplied promptly. Standard windows up to 6' in height and 10' in width are available. Special sizes can be obtained at slightly higher cost. Constructed of sturdy aluminum extrusions—635 T5 Alloy, minimum thickness .062—inengineered for maximum strength.

WRITE FOR LITERATURE AND NAME OF NEAREST DEALER

PUTERSON

Aluminum Windows

Peterson Window Corp.
1375 E. EIGHT MILE ROAD
FERNDALE 20, MICHIGAN

GLASS BLOCK IMPROVEMENT

A new series of glass blocks has recently been developed that reduce glare and solar heat gain. These blocks are expressly designed to meet the requirements of architects who are faced with high brightness problems resulting from sun and snow. They contain a pale green fibrous glass diffusing screen that reduces surface brightness or glare by 35 per cent, and instantaneous heat gain by 25 per cent.

The choice of green as the color of the screen was based on the psychological research on human reaction to various colors, conducted in recent years. It has been determined that light coming through the blocks on sunny exposures makes rooms seem definitely cooler and more comfortable.

These blocks are available in three different 12-inch functional patterns including a special toplighting block for use in skylights. They are available in a light-directing pattern that throws light upward toward the ceiling, a light-diffusing pattern that diffuses light in all directions, and toplighting glass blocks that distribute light over wide floor areas.

The newly designed exterior face of these blocks has almost twice the impact resistance of standard blocks. In other respects, such as overall thickness, insulation value and weather resistance, these new blocks are the same as other 12-inch, double-cavity blocks.

Courtesy Pittsburgh-Corning Corp.
BRICK
for every
"design demand"

Photos: S. H. Gottscho

Whether designing in contemporary or conventional architecture, no building product will do more to enhance the beauty of your building than Hudson River Brick.

BRICK MANUFACTURERS ASSOCIATION OF NEW YORK, INC.
1949 GRAND CENTRAL TERMINAL
NEW YORK 17, N. Y.

PLEASE SEND FREE HUDSON RIVER BRICK BROCHURE

Name

Address
JOHN B. JOHNSON ADDRESS
(Continued)

to all who dig wells which was made into a feature story, to be enjoyed by the public.

I suggest that architects interested in cultivating in a friendly way not only newspapers, but the public, share more often some of these experiences. We in the newspaper business can usually produce a writer who can provide the flavor and the translation from the architectural detail so that the public gets a good story. That is what we are in business for.

The business of public relations for architects may seem awfully complicated as you pour through the folder drafted by the American Institute of Architects, entitled “Public Relations for the Architect.” Actually they are most simple. The first ingredient is that of establishing a good neighborly relationship with your newspaper. Neighbors are friends usually who talk frankly between each other. The bond of association, therefore, becomes close, and when an architect is friendly and neighborly with a newspaper, there are mutual advantages. Neighbors are never too busy to help one another. Architects and newspapers should not be too busy to help each other. Many is the time that I have been confronted with a need to secure general building information. I instinctively call the architect, and ask him for an explanation. I find that I always get very satisfying answers very quickly, and, generally speaking, I can strip out the technical language and reproduce it for readership. That is the type of relationship the architect should have with the newspaper.

Part II will appear in the November-December issue.
The Chairman of our sub-committee on lighting, Henry Wright (of Los Angeles), reported his findings and suggested the following procedural setup:

1. The National Council on School House Construction should be considered in the role of client.
2. The Architect and Professional Engineer as interpreter of the client's aims and objects and
3. The I.E.S. as the production group furnishing technical data and materials to fulfill the client's interpreted desires.

Charles Gibson, President of the National Council, discussed the findings of his group and explained the research which had led to the make up of a report he had made a year or so ago at the Council's Convention. Among other items discussed in Mr. Gibson's report to the group was the fact that brightness ratios are of the greatest importance. He suggested that a ratio of not more than 1 to 10 (dark to light) was desirable and could well be incorporated in future publications of any combined group which might sponsor a revision of the 1948 "Standards Booklet."

Mr. Gibson made the definite statement that in his judgment good lighting is the one most important thing designers can provide for learning children. This of course, would include control of day lighting as well as furnishing properly distributed artificial lighting. With respect to artificial lighting, he indicated that his group had come to the conclusion that maintained footcandles at the "task" should range from 20 to 40. It was suggested that to control day-light a glass now being produced by the Houze Convex Glass Co. of Point Marion, Penna., labeled NB-200, was worthy of test and consideration by architects as designers of school buildings.

Other items, not necessarily in connection with lighting, were discussed by Mr. Gibson among which was the matter of blackboards. It was stated that side wall blackboards should be sufficient and that 12 lin. ft. could well be taken as a maximum for any room, and that this could well be hung (not fastened to wall). Practice boards of large area are not considered by his group too good for educational usage and that where they are desired by administrators or teachers it is usually for the purpose of consuming time of pupils by poor teachers.

All of the above was in preparation for a joint meeting held by the National Council on School House Construction Committee, the Architects School Planning Committee, and the I.E.S. Committee the following morning (July 23rd).

This meeting was presided over by the Chairman of the I.E.S. group. He called upon John McLeod, Chairman of the Architects Committee, for a statement of the Architects' position; upon Mr. Gibson for a statement of the National Council on School House Construction; and for discussion on the position of the I.E.S. group which was in large part given by Dr. Blackwell in charge of research at Michigan. Dr.
METAL HOSPITAL CASEWORK

Twenty-five years manufacturing fine metal cabinet work qualifies us as your suppliers of hospital equipment.

Our many installations in constant service insure your clients of the best available equipment at a fair price.

Another Excel installation — casework for the Binghamton City Hospital, featured in this issue.

A FEW TYPICAL EXCEL HOSPITAL INSTALLATIONS

<table>
<thead>
<tr>
<th>Project</th>
<th>Location</th>
<th>Architect</th>
</tr>
</thead>
<tbody>
<tr>
<td>U. S. Veterans Hospital</td>
<td>New York, N.Y.</td>
<td>Skidmore, Owings &amp; Merrill</td>
</tr>
<tr>
<td>St. Vincent's Hospital</td>
<td>New York, N.Y.</td>
<td>Eggers &amp; Higgins</td>
</tr>
<tr>
<td>Lawrence Memorial Hospital</td>
<td>Poughkeepsie, N.Y.</td>
<td>Eggers &amp; Higgins</td>
</tr>
<tr>
<td>St. Francis Hospital</td>
<td>New York, N.Y.</td>
<td>Eggers &amp; Higgins</td>
</tr>
<tr>
<td>St. Luke's Hospital</td>
<td>New York, N.Y.</td>
<td>York &amp; Sawyer</td>
</tr>
<tr>
<td>Roosevelt Hospital</td>
<td>Schenectady, N.Y.</td>
<td>York &amp; Sawyer</td>
</tr>
<tr>
<td>St. Clare's Hospital</td>
<td>Lake Placid, N.Y.</td>
<td>Cannon, Thiele, Betz &amp; Cannon</td>
</tr>
<tr>
<td>Placid Memorial Hospital</td>
<td>Niagara Falls, N.Y.</td>
<td>Cannon, Thiele, Betz &amp; Cannon</td>
</tr>
<tr>
<td>Niagara Falls Mem'l. Hosp.</td>
<td>Rochester, N.Y.</td>
<td>Joseph P. Flynn</td>
</tr>
<tr>
<td>St. Mary's Hospital</td>
<td>Buffalo, N.Y.</td>
<td>George J. Dietzel</td>
</tr>
<tr>
<td>Sisters of Charity Hosp.</td>
<td>Amsterdam, N.Y.</td>
<td>Howard F. Daly</td>
</tr>
<tr>
<td>St. Mary's Hospital</td>
<td>Jamestown, N.Y.</td>
<td>Beck &amp; Tinkham</td>
</tr>
<tr>
<td>W. C. A. Hospital</td>
<td>White Plains, N.Y.</td>
<td>Schulte &amp; Weaver</td>
</tr>
<tr>
<td>White Plains Hospital</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EXCEL METAL CABINET CO., INC.

122 EAST 42D STREET
NEW YORK, N. Y.

Unit Laminated Arches, Beams, Rafters

speed construction and lower the cost of building

Unit Structures introduced laminated wood construction to the building industry back in 1934, and now provides complete plant facilities for the fabrication of arches, beams, and rafters to achieve clear span area. You'll find Unit Structures a responsible organization, responsive to the delivery schedule your work demands. Call — or write.

UNIT STRUCTURES, INC.
753 Pekin Avenue, Peshtigo, Wisconsin
Blackwell's discussion was highly technical and interesting.

The result of the morning discussion was, in large part, that all found that the footcandles average of 30 at the "task," as recommended by I.E.S., was supported by the National Council's findings, that 20 to 40 footcandles maintained was proper; and that architects, in general, were designing for approximately the average of 30 footcandles (this is true in New York State and others).

One other interesting highlight at the morning meeting had to do with a report by Dr. Hamon of the Office of Education in Washington. Dr. Hamon stated that countrywide, we are 341,000 classrooms short now, that we are building at the rate of 50,000 classrooms per year, that there will be an increase of 1,000,000 pupils per year to 1960 and 770,000 new classrooms will be needed by the year 1960.

CWC found it necessary to leave before the afternoon meeting got under way but has subsequently received a letter from Henry Wright, Chairman of our sub-committee group, stating that agreement was reached on our basis of Council, Architect and I.E.S. relationships. His closing sentence was as follows: "I think we are going to get somewhere now."

For you who are not familiar with the past history of difficulties encountered with school lighting specialists representing manufacturers, it should be stated that since 1948 there has been question on the part of educators and architects as to the wisdom of increasing brightness or quantity of artificial lighting without first considering the overall control of lighting as it relates not only to artificial but to natural light sources.

Carl W. Clark, Chairman
State A.I.A. School Planning Committee

---

Write for Your FREE COPY of Architectural Stage Rigging Specifications

New 12-page specification manual shows how to prepare sequence sheet, drawings, and specifications for stage rigging. Specially designed to save the specification writer's time, to permit complete specifications in minimum space, and to assure a stage that will be safe, efficient and easily operated for the life of the structure. An invaluable tool for the stage designer.

J. R. CLANCY, Inc.
Syracuse 4, N. Y.

World's Largest Designers, Manufacturers and Riggers of Mechanical Stage Equipment

---

Specify with CONFIDENCE!

Easy to Lock!

WOOD WINDOWS

WOMEN WANT

WOOD Awnings WINDOWS

Nothing to Adjust — Nothing to Get Out of Adjustment

SPECIAL PATENTED HARDWARE FOR WOODCO E-ZEE LOC
WOOD AWNING WINDOW MANUFACTURED IN OUR OWN PLANT, WOODCO CORP., MIAMI 47, FLORIDA
Factory-Assembled of Kiln-Dried Ponderosa Pine, Toxic-and-Water Repellent Treated

Finest Awning Window Made Backed by WOODCO's 35 Years' Experience

VISIT BOOTHS 29-30 at LAKE PLACID

You and Your Clients Are Welcome at Our Showrooms

GENERAL WOODCRAFT CO., Inc.

PATERSON PLANK RD. & 34th ST.
NORTH BERGEN, N. J.

ARCHITECTS SAMPLES CORP.
1092 CATALYN ST.
SCHENECTADY, N. Y.
SCHOOL FLOORS
Long-wearing maple, over resilient cork, set in mastic, interlocked with steel.

SEE US AT BOOTH NO. 6
Storm Flooring Co. Inc. - Yaeger Floor Co. Inc.
New York, N. Y. - Rochester, N. Y.

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.
900 Canal Street
Syracuse 3, N. Y.

PINE HILL CONCRETE MIX CORP.
Ready Mixed Concrete for Every Purpose.
OUR FLEET OF 65 TRUCK MIXERS ASSURES PROMPT SERVICE
"No Job Too Small or Too Large."
ONLY WASHED GRIT AND GRAVEL USED.
CRUSHED STONE CONCRETE IF DESIRED.
Main Office & Yard — 2255 Bailey Ave., Buffalo, N. Y.
Phone BA. 2255
5636 Transit Rd., Depew Genesee & Shisler Rd., Lancaster

Johns-Manville TERRAFLEX
The vinyl asbestos floor tile provides GREATER flooring economy!

★ Terraflex vinyl tile will greatly outwear other types of decorative flooring.
★ Colors are clearer and brighter.
★ Its resilience provides comfort and quiet under foot.
★ Terraflex is highly resistant to grease, oil and moisture.
★ It cannot "wash out" — unharmed by strong soaps and caustic cleaning solutions.
★ Your choice of twelve lovely, clear, pastel shades.

J-M Terraflex is colorful, resilient and quiet under foot. Excellent for schools, libraries, offices, auditoriums and homes, etc.

Johns-Manville
22 East 40th St., New York 16, N. Y.
Concrete masonry has won a unique place in modern building construction. The reasons are many. Perhaps most important is its adaptability with economy of construction and upkeep. This familiar material serves a wide range of architectural and structural purposes, frequently combining the advantages of several materials, and at a substantial saving to the builder and owner.

In an endeavor to contribute to the rapidly increasing acceptance of concrete masonry units by producing block and brick made in accordance with some recent refinements in the field of mass concrete construction, one manufacturer is now producing blocks entirely with washed dolomite stone and washed dolomite stone sand. Experience indicates that the use of only one mineral aggregate coming from one mineral deposit, together with the new and improved design, produces units with less expansion and contraction, and also greater strength due to the angularity of this aggregate.

Just where concrete masonry should be used and how effective it can be employed in any building depends upon the imagination of the designer, the skill of the builder and the needs of the owner. As a structural material, concrete masonry is able to carry heavy loads; it is used regularly for both load-bearing and non-load bearing walls and partitions. Because of its economy and high resistance to fire, it is widely demanded as backup for all kinds of facing materials.

Positive and continual control at the source of all mineral aggregate, plus proper batching arrangements at the plant ensure versatility in producing a wide range of textures in the block, while adhering to its principal concern to produce a quality product which will contribute to improved concrete masonry construction.

Architects, builders, and masonry contractors indicate that the use of only one mineral aggregate coming from one mineral deposit, together with improved two core design and manufacturing facilities, produces concrete masonry units which provide for (a) less contraction and expansion, (b) reduced shrinkage, (c) stronger and weather-tight walls, (d) graduated increase of face shell thickness to center, (e) wider mortar bed, saving mortar, (f) wider end flange providing stronger bond and weather-tight joint, (g) improved size and shape of mortar groove, and (h) hand holds, correct balance, easier to lift.

Flexibility and control of batching arrangements make it possible to produce units of varied textures to meet design and appearance requirements and tastes, and effect substantial savings to designers, builders, and owners.

The burden of designing for porcelain enamel walls is no longer yours! ERIE has developed a range of panel designs adapted to curtain wall, window wall and spandrel treatments using any of a variety of structural supports. You can use filled panels, laminated or insulated panels— as designed or modified to your requirements.

**DO YOU WANT**
**Porcelain Enamel**
CURTAIN WALLS
SPANDREL PANELS
SASH PANELS?

**Makes Them All!**

The range of ERIE porcelain enamel panel designs offers plenty of versatility for direct application to most popular structural systems without modification.

*Write for new Architect's Sketch book giving complete details on ERIE Porcelain Enamel panel systems.*
Emilio John Di Rienzo & Warren S. Holmes Co.
Associated Architects
Mount Vernon, N. Y.

Have Blended BEAUTY with ECONOMY
by the use of

MARBLOX

In the New Junior High School—Pleasantville, N. Y.
General Contractor—Domenico LoCascio
Pleasantville, N. Y.

MARBLE FACE BLOCKS, Inc.
MICHIGAN AVENUE
KENILWORTH, NEW JERSEY
New York City — WORTH 2-0844

STAGE CURTAINS
STAGE RIGGING
DRAPERIES

furnished and installed by
T. S. GREEN STAGE EQUIPMENT
405 WOOD BLDG.
SYRACUSE, N. Y.

COLLUM ACOUSTICAL CO.

STAGE CURTAINS
STAGE RIGGING
DRAPERIES

furnished and installed by
T. S. GREEN STAGE EQUIPMENT
405 WOOD BLDG.
SYRACUSE, N. Y.

COLLUM ACOUSTICAL CO.

SYRACUSE
918 CANAL STREET
Tel. 9-5561

ALBANY
103 N. LAKE STREET
Tel. 6-1106

ROCHESTER
3117 ELMWOOD AVE.
Tel. 2462

BUFFALO
51 WILKESON STREET
Tel. Cleveland 1155

Unit Panel Partitions by White Mfg. Co.

Sound Conditioning with Acousti-Celotex

PERFORATED FIBRE TILE—SINCE 1933

MASTER BUILDERS PRODUCTS
For Better Concrete and Mortar at Lower Cost

POZZOLITH
For concrete of low permeability, reduced shrinkage, increased bond-to-steel and great durability.

EMBECO
For non-shrink, ductile, long-life grouts. For lasting concrete repairs. For long-life floor brick and tile joints.

MASTERPLATE

COLORCRON
Built-in, life-time color for concrete floors, driveways, patios, sidewalks, etc., costs less additional than painting slab.

For Further Information Phone or Write
THE MASTER BUILDERS COMPANY
Subsidiary of American-Marietta Company
GENERAL OFFICES: CLEVELAND 3, OHIO

NEW YORK OFFICE: 101 Park Avenue, New York 17, N. Y., Tel. Oregon 9-4290
ALBANY OFFICE: 895 Park Avenue, Albany, New York, Tel. Albany 21408
BUFFALO OFFICE: 154 West Huron Street, Buffalo, N. Y., Tel. Cleveland 5410

68
CONSTITUENTS

(Continued)

more effectively enforced standard of public safety in buildings. The committee is also preparing studies on Chapter incorporation and on possible professional (legal) help in prevention of cases of illegal practice or of malpractice in the area. It also ran a Forum within the Chapter on architect-client relationships in several fields.

Chapter Affairs: Under Marvin Fine as Chairman, this committee is studying the expansion and improvement of our Chapter publication, the "Blue Print."

Legislative: J. Bart Walther, Chairman, took an active part in collaboration with other local Chapters and Societies, and with the NYSSA in state legislative matters bearing on the profession.

Education Committee: Once again, this committee headed by Edward Fleagle, announced the Charles A. Dewey Memorial Scholarship, interviewed and screened numerous applicants, and recommended that three scholarships of $300 each be given to Westchester High School Seniors matriculating at architectural schools. These were awarded to John Boyce of Yonkers, Gary Stonebraker of White Plains, and John Heepeilink of Larchmont. The presentations were made by C. Storrs Barrows, Regional Director, at the annual fund-raising dinner. This was attended, for the first time, by the ladies; included dancing, and was both socially and financially successful. Letters from last year's winners, Michael Everitt and Richard Keefer, now at Pennsylvania and at R.P.I., were received by the committee during the year.

Programs: Through the cooperation of numerous members, some interesting and varied programs were provided at the regular meetings, including: The U. S. Steel Co. film "Building For The Nations"; a talk with color slides by Mr. Zimmer of the Telephone Co. on the Thruway Route and its history, etc.; Mr. Norman Neuhoff on designing buildings to get good insurance value; representatives of Seaporesels Metals on porcelain enamel, speakers from Revere Copper with a film on flashings; and Mr. John T. C. Lowe, legal counsel of the A.I.A., and our neighbor, on Chapter Incorporation and other legal sidelights related to architectural organizations.

Conventions, Dinners, etc.: Officers or other representatives of the Chapter were happy to attend various functions of the profession, including the State Convention, the A.I.A. Convention in Boston, the Del Gaudio dinner in New York, dinners of the New York, Bronx, and Long Island Chapters, and the New Jersey State Convention.

The Chapter lost a good friend and valuable counselor through the untimely death in May of Lusby Simpson, who had served as Secretary for five years, and many more as a Director and co-chairman of the Auditing Committee.

Officers and Directors currently are: Vice-President, G. Norman Blair; Secretary, Paul Gifford Lips; Treasurer, Donald H. Newman (succeeding Milton H. Rose, who is moving to California). Directors: Bruno Amato, William C. Halbert, Frederick H. Voss, Harry W. McConnell, Robert S. McCoy, and Russell S. Johnston (succeeding Lusby Simpson).

ANNOUNCING THE ALL-NEW

Caldwell HELIX

HEAVY DUTY SPIRAL SASH BALANCE

Pretensioned at factory. Easy to adjust on the job.

Locking piece holds spring out of tube during installation.

Seamless, rustproof aluminum tube.

Durable, oil tempered high carbon spring.

Bracket arm is separately attached to speed installation.

Cadmium plated spiral torque rod with graduated twist.

SPECIFICALLY DESIGNED FOR INSTITUTIONAL AND COMMERCIAL SASH WEIGHING UP TO 70 LBS.

CHECK THESE BIG ADVANTAGES

1. Requires no head or side room, no mortising of frame
2. 25% less wood is removed in routing.
3. Specially designed for quick and easy installation.
4. Tension can be adjusted after balance is installed.
5. Allows modern window appearance through narrow trim.
6. Assures smooth, effortless window operation throughout travel of the sash.
7. Guaranteed for LIFE of the building.

See our exhibit at the Lake Placid Convention, Oct. 21-23.

WRITE TODAY FOR COMPLETE INFORMATION!

Specify Spirex spiral spring sash balances for up to 30 lb. sash.
Caldwell clock spring sash balances available for up to 105 lb. sash.

Caldwell MANUFACTURING CO., 69% Commercial St., Rochester 14, N. Y.
MAN HOLE BLOCKS
Manufactured to accurate dimensions.
Our production capacity is 5,000 per day.

NOTE:
Mortar joints approx. 3/8"
BATTER BLOCK

Dagostino Building Blocks
COLORED CONCRETE BRICK, 3/4 HEIGHT BLOCK AND PATIO SLABS
1788 WATT STREET • SCHENECTADY 4, N. Y. • Phone 4-2672

BLISS STEEL WINDOWS
FOR COMMERCIAL, INDUSTRIAL, INSTITUTIONAL AND RESIDENTIAL CONSTRUCTION

OUR PRODUCTS ARE BACKED BY 30 YEARS OF EXPERIENCE SERVING ARCHITECTS, ENGINEERS & BUILDERS

SEE OUR CATALOGUE IN SWEET’S ARCHITECTURAL FILE OR WRITE DIRECT TO:

BLISS STEEL PRODUCTS CORP.
617 W. MANLIUS STREET EAST SYRACUSE 1, NEW YORK
A Gas Incinerator DOES AWAY WITH TRASH, DIRT AND GARBAGE QUICKLY, QUIETLY, ECONOMICALLY

A silent, efficient Gas incinerator handles everything from vacuum cleaner scrapings to hambones; from waste wood to waste paper — leaves only a fine ash that's an excellent fertilizer for gardens and house plants. Because of its many advantages, health and safety features — plus the fact that garbage and trash collections are diminishing in many areas — the modern home or institution needs a Gas incinerator. The choice of types is varied — operating costs are extremely low — building ordinances are usually more favorable to the Gas incinerator. Find out more — we'll give you all the information you'd like — no cost or obligation.

One man can satisfy your HEATING and COOLING needs!

—your U. S. Representative! His U. S. Radiator line is complete, and backed by over half a century of manufacturing experience.

Cooling equipment — Types and capacities for your most exacting requirements and budgets. Air Conditioning equipment, for use with chilled air or chilled water systems, provide the qualities your clients want — attractive appearance, years of trouble-free operation, economical installation and operation. Self-Contained Hi-Boy Air Conditioners cool, heat, ventilate, filter, circulate and dehumidify, with capacities from 2 to 100 tons. U. S. Window Air Conditioners, sash and casement models, satisfy your most beauty-conscious, cost-conscious client: ¾-, 1- and 1½-ton sizes.

Heating equipment — Over 100 models of warm air furnaces and boilers, for coal, oil or gas. Each incorporates the latest developments in design and engineering, and provides maximum heat output for your clients' dollars. U. S. offers four types of baseboard radiation: cast iron, steel, aluminum fins-copper tube, and steel fins-steel tube (commercial). U. S. Baseboard is simple to hang, installs quickly in homes, public and commercial buildings.

Your U. S. Representative will be pleased to discuss these and other dependable U. S. products with you. He's one man — the only man — you have to contact to fill your cooling and heating requirements. Call him today!
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... MEDINA, N. Y... ROCHESTER, N. Y.

MODULAR SIZES MAKE EVERYTHING FIT

Thoughtful consideration of Frontier Dolomite’s NEW, DENSE, FINE-TEXTURED dolomite limestone block, plus the versatility of concrete masonry units, has resulted in the erection of many structures of beauty and permanence at low initial and maintenance costs.

You sense their subtle presence in a building.

Inquiries invited.

Frontier Dolomite Concrete Products Corp.
Plant and Office,
Hinman Road, P.O. Box 436,
Lockport, New York
AT YOUR SERVICE
MR. ARCHITECT

• BLUE PRINTS
• PHOTO COPIES
• DRAWING MATERIALS

BUFFALO
BUFALO BLUE PRINT CO.
L. J. Marquis, Jr., Owner-Manager
Phone CL. 0370 35 Court Street

COMMERCIAL BLUE PRINT CO.
Geo. G. Merry
Phone CL. 0815 White Building

SENeca BLUE PRINT CO.
Herbert Knight
Phone WA 6772 187 Delaware Avenue

SULLIVAN-McKEEGAN CO., INC.
R. K. McKeegan
Phone CL. 4400 739 Main Street

ROCHESTER
CITY BLUE PRINT CO.
W. F. Sochak
Phone Hamilton 3730 Six Atlas Street

H. H. SULLIVAN, INC.
William W. Schwan, Mgr.
Phone Baker 4220 67 South Avenue

SYRACUSE
H. H. SULLIVAN, INC.
R. C. Howard
Phone 3-8159 213 E. Genesee Street

SYRACUSE BLUE PRINT COMPANY, INC.
A. B. Nye, Pres.
Phone 76-6251 427 E. Jefferson Street

window sills and stools by ALBERENE

• They never chip, scale, or split.
• They’re free of maintenance costs — for all time.

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.
OF VIRGINIA
419—4th Ave., New York 16, N. Y.
Experience shows that faulty treatment is a major cause of flooring complaints. That’s why — when the skilled artistry of designing and laying a beautiful floor is completed — the architect’s recommendation as to proper cleaning, sealing and original treatment is so important to client approval. That’s why busy specifiers turn over such problems to a Hillyard Maintainer. He’s a technically trained expert, backed by a company with almost 50 years’ experience as floor treatment manufacturers. You can depend on him to furnish reliable approved floor treatment data — to save architects and their contractors valuable time — to keep the natural beauty you build into every floor installation functioning for a life-time of traffic wear.

CALL ON THE HILLYARD MAINTAINER

Heathcote Elementary School, Scarsdale, N.Y.
Healthcote Elementary School, Scarsdale, N.Y.

ALBANY
Allen R. Ely
5 Circle Lane
Phone: 2-6087

CENTER MORICHES
Kenneth E. Mockridge
Lake Avenue
Phone: 3-0214

HONEOYE FALLS
Lewis H. Abel
Phone: 77

LYNGBROOK, L.
Russell Rose
24 Centre Ave.
Phone: 9-6049

SARANAC LAKE
Thomas J. Kelly
31 Neil St
Phone: 1709

SLINGERLANDS
W. H. Bolton
1579 New Scotland Rd
Phone: Delmar 9764
Albany

Syracuse
Jerry Grindrod
5532 S. Soling St.
Phone: 9-3333

Tarrytown
A. J. Oest and James Oest
112 Union Ave.
Phone: 4-1511

Tonawanda
C. E. Creekmore
280 N. Main St.
Phone: Jackson 5144

Westmere School, Guilderland, N.Y.

On Your Staff
... Not Your Payroll!

Paige School, Schenectady, N.Y.

Altamont Elementary School, Altamont, N.Y.
The construction of The Cathedral, which started more than fifty years ago, posed a problem of heating and ventilating.

Requiring consideration were the great height of the nave and the large lateral occupied area which in addition to other spaces, totaled 70,000 square feet E. D. R. heating load. To supply the necessary heat and assure balanced distribution called for a high degree of engineering ingenuity — brilliantly met by Consulting Engineers Sears & Kopf.

Assigned to the task of heat generation were three H. B. Smith No. 60 Boilers — the largest three-boiler installation since the Company’s founding in 1853. Each boiler consists of 30 cast iron sections, and each boiler is fired with power type gas burners. The over-all result is the comfortable heating of the huge interior. And, as is typical with the use of H. B. Smith Boilers, outstanding efficiency and fuel economy are achieved, with stack temperatures remaining consistently under 400°.

The H. B. Smith line of cast iron boilers for heating and domestic hot water permits a technical approach to any heating problem you may encounter. Broadest in the world, this line contains the concise, specific answer for small homes or multiple-unit applications.
ARCHITECTS OF THE EMPIRE STATE

May your CONVENTION at Lake Placid in October 1954 be a great success and of benefit to all.

Wm. L. Blanchard Co.
Builders Since 1860
NEWARK 5, NEW JERSEY
Simon Baruch Houses, New York, N. Y. Architect: Emery Roth & Sons, New York, N. Y. Contractor: Corbeta Construction Co., Inc. New York, N. Y. This is a New York City Housing Authority Project. Lupton Steel Casements (Housing Type with open-in ventilator at sill). Approximately 4,200 used on this project. Windows equipped with Lupton Steel Casings.

Since 1918 alone, Lupton has furnished 48 New York City Housing Authority projects with enough windows for an entire city. Add contracts for State and private projects and New York State shows up as a big Lupton market.

Windows for mass housing are only a part of Lupton production. An extensive line of steel and aluminum windows offer units that are practically custom-made for any commission... large or small... public or private. Casements, double-hung windows, awning windows and projected windows are available for residential and monumental construction. Jealous of a reputation for quality that's been growing for over 40 years, you can be sure of client satisfaction when you specify Lupton. Take aluminum windows for instance — from billets cast at Lupton, through extrusion, fabrication and inspection, a Lupton Aluminum Window is a Lupton product throughout. Quality is checked every step of the way.

Specify Lupton Metal Windows for your next commission and give your clients the advantages of quality, economy and permanent satisfaction. See the complete line in Sweet's, or write direct — inquiries are handled promptly.

MICHAEL FLYNN MANUFACTURING CO.
700 East Godfrey Avenue, Philadelphia 24, Penna.
Member Steel Window Institute & Aluminum Window Mfrs. Assoc.
EXPERIENCE that assures satisfaction! Over 2000 projects covering all types of new construction, expansion, remodeling and special plants for business and industry.

REPUTATION you can rely on! Our best recommendation is our list of many satisfied clients. They will vouch for our service, workmanship and financial responsibility.

ABILITY that guarantees the most for your building dollar! Our experienced engineering-management team coordinates modern labor saving techniques and equipment to complete your project when you want it — the way you want it.

For a helpful discussion of your construction problems with Siegfried engineers call Elmwood 4124.
NEW IMPROVED WEATHERSTRIPPING
DEVELOPED FOR ARCADIA DOORS

Since November 1952, Arcadia Metal Products has featured mohair pile weatherstripping in the top channel guide of the sliding section of the door. Success of this feature, introduced first in the sliding door industry by Arcadia engineers, led Arcadia to develop a similar weatherstripping for the sill. Shown here is the new mohair weatherstripping for the bottom rail of the door and other Arcadia standard weatherstripping details. Arcadia doors are weathertight!

Architects and engineers are enthusiastic about adjustable feature of new mohair weatherstripping in bottom rail of door at sill. By means of a new spring-steel retaining clip, Arcadia engineers have devised a method for easy adjustment of weatherstripping to assure a continuous weathertight seal in all Arcadia installations. Write for complete details.

Specify Arcadia steel-framed sliding glass doors when you want weathertight installations – units for single glazing or double glazing. Stock and custom sizes.

Visit the Arcadia Metal Products booth at Lake Placid

Eastern Representative for Arcadia
in New York, New Jersey, and Connecticut

HARDWARE SALES COMPANY
383 POST ROAD, DARIEN, CONNECTICUT
### ADVERTISERS IN THIS ISSUE

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acme Shale Brick Co., Inc.</td>
<td>56-57</td>
</tr>
<tr>
<td>Aerofin Corp.</td>
<td>58</td>
</tr>
<tr>
<td>Alberene Stone Corp. of Virginia</td>
<td>73</td>
</tr>
<tr>
<td>Alco Concrete Products Co.</td>
<td>84</td>
</tr>
<tr>
<td>American Brass Co.</td>
<td>13</td>
</tr>
<tr>
<td>American Olean Tile Co.</td>
<td>14</td>
</tr>
<tr>
<td>American Seating Co.</td>
<td>2</td>
</tr>
<tr>
<td>Anchor Concrete Products, Inc.</td>
<td>10, 11, 81</td>
</tr>
<tr>
<td>American Brick Corp. of America</td>
<td>79</td>
</tr>
<tr>
<td>Argo Block Co., Ltd.</td>
<td>84</td>
</tr>
<tr>
<td>Auburn Cement Products Co., Inc.</td>
<td>81</td>
</tr>
<tr>
<td>Barnes &amp; Cone, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Bayley, William Co.</td>
<td>16</td>
</tr>
<tr>
<td>Bedford Hills Concrete Products Corp.</td>
<td>84</td>
</tr>
<tr>
<td>Belden-Stark Brick Corp.</td>
<td>56-57</td>
</tr>
<tr>
<td>Bell &amp; Gossett Co.</td>
<td>81</td>
</tr>
<tr>
<td>Benjamin Moore &amp; Co.</td>
<td>58</td>
</tr>
<tr>
<td>Binghamton Brick Co., Inc.</td>
<td>56-57</td>
</tr>
<tr>
<td>Black, John H., Co.</td>
<td>56-57</td>
</tr>
<tr>
<td>Blanchard, Winn. L., Co.</td>
<td>76</td>
</tr>
<tr>
<td>Bliss Steel Products Corp.</td>
<td>70</td>
</tr>
<tr>
<td>Bowen Building Block &amp; Supply Co.</td>
<td>84</td>
</tr>
<tr>
<td>Brick Mfrs. Ass'n of New York</td>
<td>61</td>
</tr>
<tr>
<td>Brooklyn Union Gas Co.</td>
<td>71</td>
</tr>
<tr>
<td>Buffalo Blue Print Co.</td>
<td>75</td>
</tr>
<tr>
<td>Buffalo Electric Co.</td>
<td>83</td>
</tr>
<tr>
<td>Building Products Corp.</td>
<td>81</td>
</tr>
<tr>
<td>Caldwell Mfg. Co.</td>
<td>69</td>
</tr>
<tr>
<td>Carterwright &amp; Morrison, Inc.</td>
<td>59</td>
</tr>
<tr>
<td>Case, W. A. &amp; Son Mfg. Co.</td>
<td>1</td>
</tr>
<tr>
<td>Cataldo Bros. &amp; Sons, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Cedar Rapids Block Co.</td>
<td>15</td>
</tr>
<tr>
<td>Concrete Corp.</td>
<td>84</td>
</tr>
<tr>
<td>City Blue Print Co.</td>
<td>73</td>
</tr>
<tr>
<td>Clancy, J. R., Inc.</td>
<td>65</td>
</tr>
<tr>
<td>Collum Acoustical Co., Inc.</td>
<td>68</td>
</tr>
<tr>
<td>Conmac Builders Supply Corp.</td>
<td>84</td>
</tr>
<tr>
<td>Commercial Blue Print Co.</td>
<td>73</td>
</tr>
<tr>
<td>Concrete Plank Co., Inc.</td>
<td>54</td>
</tr>
<tr>
<td>Consolidated Brick Co., Inc.</td>
<td>55-56-57</td>
</tr>
<tr>
<td>Cossitt Concrete Products, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Dagostino Building Blocks</td>
<td>70, 84</td>
</tr>
<tr>
<td>Dempsey's Concrete Products</td>
<td>84</td>
</tr>
<tr>
<td>Dexter Co.</td>
<td>55</td>
</tr>
<tr>
<td>Dinaburg Block Co., Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Domine Builders Supply Co., Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Doyle Home Specialties Co.</td>
<td>20</td>
</tr>
<tr>
<td>Elmira Building Units, Inc.</td>
<td>81</td>
</tr>
<tr>
<td>Erie Enameling Co.</td>
<td>67</td>
</tr>
<tr>
<td>Excel Metal Cabinet Co., Inc.</td>
<td>64</td>
</tr>
<tr>
<td>Farr &amp; Trefis, Inc.</td>
<td>58</td>
</tr>
<tr>
<td>Finger Lakes Stone Co., Inc.</td>
<td>6</td>
</tr>
<tr>
<td>Fleet of America, Inc.</td>
<td>54</td>
</tr>
<tr>
<td>Foldoor Co., Inc.</td>
<td>20</td>
</tr>
<tr>
<td>Frontier Dolomite Products Corp.</td>
<td>72, 81</td>
</tr>
<tr>
<td>General Bronze Corp.</td>
<td>3</td>
</tr>
<tr>
<td>General Woodcraft Co., Inc.</td>
<td>65</td>
</tr>
<tr>
<td>Green, Robert J. Co.</td>
<td>20</td>
</tr>
<tr>
<td>Green, T. S. Stage Equipment</td>
<td>68</td>
</tr>
<tr>
<td>Hanley Co.</td>
<td>4</td>
</tr>
<tr>
<td>Harris, McHenry &amp; Baker</td>
<td>20</td>
</tr>
<tr>
<td>Herman Nelson Division</td>
<td>5</td>
</tr>
<tr>
<td>Hildom Cinder Block Co.</td>
<td>84</td>
</tr>
<tr>
<td>Hilliard Sales Co.</td>
<td>74</td>
</tr>
<tr>
<td>Hoddick &amp; Taylor, Inc.</td>
<td>20</td>
</tr>
<tr>
<td>Hutchinson-Rathburn, Inc.</td>
<td>56-57</td>
</tr>
<tr>
<td>Inland Building Block Corp.</td>
<td>84</td>
</tr>
<tr>
<td>Iroquois Gas Corp.</td>
<td>71</td>
</tr>
<tr>
<td>Johns Marvville Sales Corp.</td>
<td>66</td>
</tr>
<tr>
<td>Johnson Service Co.</td>
<td>7</td>
</tr>
<tr>
<td>Latta Brook Corp.</td>
<td>84</td>
</tr>
<tr>
<td>Macner, E. S. Sales Co.</td>
<td>20</td>
</tr>
<tr>
<td>Madden, A. P., Co.</td>
<td>20</td>
</tr>
<tr>
<td>Mahon, R. C., Co.</td>
<td>Back Cover</td>
</tr>
<tr>
<td>Marble Face Blocks, Inc.</td>
<td>68</td>
</tr>
<tr>
<td>Mason, A. &amp; Sons, Inc.</td>
<td>20</td>
</tr>
<tr>
<td>Masonry Ass'n</td>
<td>84</td>
</tr>
<tr>
<td>Master Builders Co.</td>
<td>68</td>
</tr>
<tr>
<td>Mastic Tile Corp. of America</td>
<td>21</td>
</tr>
<tr>
<td>Maurer Co.</td>
<td>20</td>
</tr>
<tr>
<td>Michael Flynn Mfg. Co.</td>
<td>77</td>
</tr>
<tr>
<td>Minneapolis-Honeywell Regulator Co.</td>
<td>49</td>
</tr>
<tr>
<td>Mohawk Building Materials Corp.</td>
<td>56-57</td>
</tr>
<tr>
<td>Nailable Cinder Block Corp.</td>
<td>84</td>
</tr>
<tr>
<td>Nesbitt, John J., Inc.</td>
<td>8</td>
</tr>
<tr>
<td>New York State Steel Fabricators Ass'n</td>
<td>82</td>
</tr>
<tr>
<td>Paragon Supply, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Pella Representatives, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Peterson Window Corp.</td>
<td>60</td>
</tr>
<tr>
<td>Picone Bros. Building Supplies, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Pine Hill Concrete Mix Corp.</td>
<td>66</td>
</tr>
<tr>
<td>Pittsburgh Plate Glass Co.</td>
<td>26</td>
</tr>
<tr>
<td>Pollera, A. &amp; Sons</td>
<td>84</td>
</tr>
<tr>
<td>Portland Cement Ass'n</td>
<td>24</td>
</tr>
<tr>
<td>Ramloc Stone Co., Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Rappo &amp; Hoenig Co.</td>
<td>84</td>
</tr>
<tr>
<td>Revere Copper &amp; Brass, Inc.</td>
<td>22</td>
</tr>
<tr>
<td>Rigidized Metals Corp.</td>
<td>55</td>
</tr>
<tr>
<td>Robbins Floor Products Inc.</td>
<td>12</td>
</tr>
<tr>
<td>Robbins Flooring Co.</td>
<td>62</td>
</tr>
<tr>
<td>Seneca Blue Print Co.</td>
<td>73</td>
</tr>
<tr>
<td>Siegried Construction Co.</td>
<td>78</td>
</tr>
<tr>
<td>Smith, H. B., Co., Inc.</td>
<td>75</td>
</tr>
<tr>
<td>Smithtown Concrete Products Corp.</td>
<td>84</td>
</tr>
<tr>
<td>Southern Tier Concrete Products Co.</td>
<td>84</td>
</tr>
<tr>
<td>Standard Block Co., Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Storm Flooring Co., Inc.</td>
<td>66</td>
</tr>
<tr>
<td>Sullivan, H. H., Inc.</td>
<td>73</td>
</tr>
<tr>
<td>Sullivan-McKeegan Co., Inc.</td>
<td>73</td>
</tr>
<tr>
<td>Syracuse Blue Print Co.</td>
<td>73</td>
</tr>
<tr>
<td>Syracuse Brick Co.</td>
<td>56-57</td>
</tr>
<tr>
<td>Syracuse Fire Door Corp.</td>
<td>66</td>
</tr>
<tr>
<td>Taylor Concrete Products, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Thorold Concrete Block Co.</td>
<td>84</td>
</tr>
<tr>
<td>Titusville Iron Works Division, Struthers Wells Corp.</td>
<td>52</td>
</tr>
<tr>
<td>United States Gypsum Co.</td>
<td>17</td>
</tr>
<tr>
<td>United States plywood Corp.</td>
<td>48</td>
</tr>
<tr>
<td>United States Radiator Corp.</td>
<td>71</td>
</tr>
<tr>
<td>Vermont Marble Co.</td>
<td>63</td>
</tr>
<tr>
<td>Walker, Jerome F.</td>
<td>64</td>
</tr>
<tr>
<td>Weckesser Brick Co.</td>
<td>56-57</td>
</tr>
<tr>
<td>Whittner-Jackson Co.</td>
<td>72</td>
</tr>
<tr>
<td>Wiley, R. &amp; W., Inc.</td>
<td>62</td>
</tr>
<tr>
<td>Wilkinson Chutes, Inc.</td>
<td>58</td>
</tr>
<tr>
<td>Wood Metal Distributors</td>
<td>50</td>
</tr>
</tbody>
</table>
EVERY TENANT
HIS OWN
WEATHER-MAKER

B & G Hydro-Flo* Heating
provides individual temperature control for
each of nine apartments

Some like it warm, some like it cool... but in this apartment
building, B & G Hydro-Flo Heating keeps everybody happy. Each
tenant can have the temperature considered most
comfortable—and raise or lower it at will!

The building is divided into nine zones, each equipped
with a thermostatically controlled B & G Booster and a
B & G Flo-Control Valve. Economy of operation as well as
comfort is achieved, since zoning permits compensation for
differences in exposure, solar effect and temperature
preference.

When you install a B & G Hydro-Flo Forced Hot Water
System, you've laid the groundwork for the most modern
comforts and conveniences. You've provided better heating
...uniform temperature—warm floors—draftless rooms.
You've assured fuel economy and the convenience of low-
cost, all-year domestic hot water. Snow-melting and summer
cooling equipment can be added at any time.

Send today for booklet FS-953.

BELL & GOSSETT
COMPANY
Dept. DO-39, Morton Grove, Illinois

Canadian Licensee: S. A. Armstrong, Ltd., 1400 O'Connor Drive, Toronto, Canada
Build with STRUCTURAL STEEL

To cut costs . . . to speed the job . . . to build it better, there is no substitute for structural steel. You can depend on it for strength, uniformity, adaptability, safety, erection speed . . . and remember, steel can be re-used and has a high salvage value.

NEW YORK STATE STEEL FABRICATORS ASSN., INC.

ALBANY, N. Y. Clausen Iron Co., Inc.
James McKinney & Son, Inc.

BINGHAMTON, N. Y. Binghamton Steel & Fabricating Co., Inc.

BUFFALO, N. Y. Ernst Construction Corp.
August Feine & Sons Co.
Lackawanna Steel Construction Corp.
R. S. McManus Steel Constr. Co., Inc.

CORY, PA. Rogers Structural Steel Co., Inc.

ROCHESTER, N. Y. F. L. Heughes & Co., Inc.
Leach Steel Corp.

SYRACUSE, N. Y. Empire Structural Steel Fabricators, Inc.
Smith & Caffrey Co.
Syracuse Engineering Co., Inc.

UTICA, N. Y. Utica Steam Engine & Boiler Wks.
Utica Structural Steel, Inc.

WATERVLIET, N. Y. West Side Structural Co., Inc.
The Buffalo Electric Company has been headquarters for electrical construction work in this area since 1898. We maintain a staff of thoroughly estimating — and equally skillful construction men experienced engineers for designing, planning and for carrying out the work itself. Because we carry the largest stocks of electrical apparatus and supplies in Western New York, we can push the job through in minimum time with little or no waiting for electrical material or machinery. Pictured here is a recent Buffalo Electric construction job, consisting of three 167 KVA transformers with explosion-proof switching equipment.

WHOLESALE DISTRIBUTORS

ENGINEERING  •  CONSTRUCTION  •  APPARATUS  •  SUPPLIES

BUFFALO ELECTRIC CO. INC.

75 W. MOHAWK ST.  •  WASHINGTON 4420
Versatility can be achieved in any type of construction with exposed Lightweight Concrete Masonry Units, as these samples and others indicate. Many varying types of wall patterns can be designed both in the nominal 8" x 16" face size, as well as many of the new sizes, styles and textures now available.

Attractive new concrete masonry wall patterns relieve the monotony of large working areas and corridors, make reception rooms more inviting, and save on decorating costs.

Architects and interior decorators alike are enthusiastic in their acceptance of exposed concrete masonry interior walls. They like the many wall pattern possibilities and the rugged beauty that goes so well with the tones and textures of the new furniture, draperies, and carpeting.

Exterior individuality can also be achieved with the new patterns and textures in concrete masonry. Remember, too, these advantages of concrete masonry: low installation cost, fire-safety, structural strength, thermal insulative values, high acoustical-correction and noise-reducing values.

For complete information about concrete masonry units, consult any of the members of the New York State Concrete Masonry Association listed below, or write the Association’s office at 522 Franklin Street, Buffalo 2, New York.

**ALBANY, N. Y.**
Ramilc Stone Co., Inc.

**ALFRED, N. Y.**
Southern Tier Concrete Products Co.

**AUBURN, N. Y.**
Bowen Building & Supply Co.

**BEDFORD HILLS, N. Y.**
Bedford Hills Concrete Products Corp.

**BINGHAMTON, N. Y.**
Bingram Block Co., Inc.

**BROOKLYN, N. Y.**
F. Pollera & Sons

**BRONX, N. Y.**
Building Products Corp.

**BUFFALO, N. Y.**
Anchor Concrete Products, Inc.

**COOKSVILLE, ONS.**
Argo Block Co., Ltd.

**ELMIRA, N. Y.**
Elmira Building Units, Inc.

**HAMILTON, N. Y.**
Cassell Concrete Products, Inc.

**HUDSON FALLS, N. Y.**
Dempsey’s Concrete Products

**JAMESTOWN, N. Y.**
Hildom Cinder Block Co.

**LOCKPORT, N. Y.**
Frontier Dolomite Concrete Products Corp.

**LONG ISLAND CITY, N. Y.**
The Concrete Corp.

**MINEOLA, N. Y.**
Inland Building Block Corp.

**PATCHOGUE, L. I., N. Y.**
Alfa Concrete Products Co.

**ROCHESTER, N. Y.**
Comac Builders Supply Corp.

**ROMEO, N. Y.**
Cataldo Brothers & Sons, Inc.

**SCHENECTADY, N. Y.**
Dagostino Building Blocks

**SMITHTOWN BRANCH, N. Y.**
Smithtown Concrete Products Corp.

**SYRACUSE, N. Y.**
Barnes & Cone, Inc.

**THOROLOD, ONT.**
Thorold Concrete Block Co.

**TROY, N. Y.**
Standard Block Co., Inc.

**WATERTOWN, N. Y.**
Taylor Concrete Products, Inc.
FOR UNLIMITED DESIGN POSSIBILITIES

SPECIFY Pella PRODUCTS

WOOD FOLDING DOORS

Pella Wood Folding Doors are decorative, convenient, and economical. They are made of natural wood in Pine, Philippine Mahogany, Birch, and Oak. They can solve the architect's problems in partitioning of rooms, from a small door opening to a large auditorium or church basement. Pella Wood Folding Doors come completely packaged from the factory. No hardware to buy, and installation is quick and easy.

MULTI-PURPOSE WINDOWS

Pella Multi-Purpose Windows are designed to fit the needs of all architectural trends. They are versatile enough for use in budget homes and commercial buildings. They can be used as awning, casement, or hopper vent. Convenient can-type underscreen operator at no extra cost has made it one of the most popular wood windows.

WOOD CASEMENT WINDOWS

Pella Casement Windows enable you to create an unlimited number of window arrangements from stock size units. They are available in a wide variety of styles and sizes that blend with all types of architecture. Only "Pella" combines wood and steel to achieve a window with maximum strength and beauty. Combined with Rolscreens and dual glazing, there is no greater window convenience.

Pella Representatives In Empire State

RENSSELAER
Crawford Door Sales
Albany Company, Inc.
Sherwood Park
Phone: 77-3374

BUFFALO
A. O. Stilwell Co., Inc.
350 Main Avenue
Phone: 9-7473

SYRACUSE
Pella Products Company
439 Hawley Avenue
Phone: 9-7473

ROCHESTER
The Maurer Co., Inc.
31 Richmond Street
Phone: HAmilton 0030

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

Pella Products
will be displayed at
NEW YORK STATE ASSOC.
of ARCHITECTS
CONVENTION
The Lake Placid Club
Booths 4 and 8
Here is another excellent example where Stainless Steel Metal Walls have been employed to good advantage in dressing up a building which, because of its functional characteristics, would otherwise have been rather prosaic in appearance. The architects have achieved in this structure a result in modern design which has attracted much interest and many enthusiastic comments. The advantages of Metal Walls, however, are not confined to appearance and design effects obtainable... important building economies are realized through lower material cost, lower labor cost, and the cumulative savings resulting from reduced construction time... buildings can be quickly enclosed with Insulated Metal Walls—even under extreme low temperature conditions which would preclude masonry construction. Other important factors to be considered are the light weight of these modern curtain walls and the maintenance-free permanence of Stainless Steel or Aluminum exterior surfaces. Mahon Insulated Metal Walls are available in three exterior patterns... the Mahon "Field Constructed" Fluted or Ribbed Wall can be erected up to sixty feet in height without a horizontal joint—a feature of Mahon Walls which is particularly desirable in auditoriums, powerhouses and other types of buildings where high expanses of unbroken wall surface are common. See Sweet's Files for complete information or write for Catalog No. B-55-B.

**THE R. C. MAHON COMPANY**

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

Manufacturers of Insulated Metal Walls and Wall Panels; Steel Deck for Roofs, Partitions and Permanent Concrete Floor Forms; Rolling Steel Doors, Grilles and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.

New Greyhound Terminal, Chicago, Illinois. 17,200 Sq. Ft. of Mahon Stainless Steel Metal Walls were employed in exterior surfaces. Skidmore, Owings & Merrill, Architects. John W. Harris & Associates, General Contractors.