“Electric air conditioning is vital year-'round to maintain separate temperatures in our styling, tinting, and drying areas. Precise temperature control for each of these areas was easy with electric air conditioning,”

says Mr. Dominic Durastanti,
Owner, Dominic’s Hairdressers
a new dimension in sound control
Natcoustile

Here, even the liveliest youngsters can't cause a reverberating, ear-shattering din. Because Natco Ceramic Glazed Natcoustile forms the walls surrounding the pool at Campion Jesuit High School, Prairie du Chien, Wisconsin. Natcoustile — a perforated face unit — cuts noise up to 65%. High sound absorption in this genuine structural clay unit is combined with a permanent ceramic glazed finish. Natcoustile is load bearing, and fireproof, too. Modern Natcoustile complements the refreshing aqua shading in the pool with an accent of modest charcoal, blue-green and white.

Of course, a variety of other colors are available to match your color scheme.

Natco ceramic glazed Vitratile is used in other areas of the school. Natco has structural clay products to meet every design requirement. Write for catalog S-65.

Natcoustile is available in two nominal face sizes: 8" x 16", random pattern only, and 5 1/2" x 12", in random or uniform patterns.
Super-Tile

SUPER SIZE... 8" x 8" x 16" size offers faster installation, less handling, fewer units and an 8" wall finished both sides.

SUPER ECONOMY... Wall installation costs can be reduced by as much as 50%... Both finished wall faces are set at the same time. With fewer units in the wall, take-off, estimating, detailing and handling time is also proportionally reduced.

SUPER VERSATILITY... Vertical coring provides for easy cutting to half units as well as offering units with finished ends. Accurate sizing means narrower, neater, more consistent joints. Requirements for other than Super-Tile bullnose, double bullnose, square corners and butterfly units can be met with standard 8W series units.

NEW STAR-LITE... Light weight structural glazed tile offering unequalled dimensional precision, easy handling, cutting and drilling.

FULL SERVICE... We will be most happy to be of service at any time during your planning, specifying, bidding or building. Full information including sizes, colors, samples and prices are available... You'll find us convenient to write or call.
OHIO ARCHITECT

OFFICIAL PUBLICATION OF THE ARCHITECTS SOCIETY OF OHIO.
A REGION OF THE AMERICAN INSTITUTE OF ARCHITECTS, INC.

September-October Volume XXIII Number 5

EDITORIAL STAFF

Publication Committee
Chairman
Robert R. Reeves, Jr., A.I.A.
436 S. Columbia Ave.
Columbus 9, Ohio

Technical Editor
David A. Pierce, AIA
140 Fairview Drive
Canton 8, Ohio

Columbus
Robert R. Reeves, Jr., AIA
436 S. Columbia Ave.
Columbus 9, Ohio

Managing Editor
David A. Lacy
3 East Long Street
Columbus 15, Ohio
Telephone: 221-6887

Editor
Sharon Swintek
5 East Long Street
Columbus, Ohio

ASSOCIATE EDITORS

Cincinnati
Alfred W. Ambrosius, A.I.A.
309 Ludlow Avenue
Cincinnati 20, Ohio

Dayton
Robert J. Makarius, Jr., AIA
312 Harries Building
Dayton 2, Ohio

OHIO ARCHITECT is the bi-monthly official magazine of the Architects Society of Ohio, Inc., of the American Institute of Architects. Opinions expressed herein are not necessarily those of the Society.

Accepted as controlled circulation. Published at Athens, Ohio, U.S.A.

Copyright 1965 Architects Society of Ohio, Inc. of the American Institute of Architects. All rights reserved.

CONTENTS

7 Editorial: "The Word — A Neglected Part of Architectural Education
9 Feature: Architects Can Help
12 ASO Annual Meeting Program
14 Concerning the Cover
16 Schokbeton Opens Plant
19 Feature: Architectural Photography
18 ASO News
34 ASO Honor Awards

DIRECTORY OF ADVERTISERS

Ohio Electric Utilities
Natco Corp
Stark Ceramics
East Ohio Gas Co.
Andersen Windows
U.S. Air Co
Zonolite
Benjamin Moore Paints
Professional Cards
R. C. Musson
U.S. Steel
5 & 3 Products, Inc.
Janson Industries
Hiss Stamp Co
Whiteacre Engineering Co.
Meierjohn-Wengler, Inc.
Nashbar-Usborne
Schokbeton
A. C. Eynon Co
Newman Bros., Inc.
American Woodwork Specialties Co.
O. O. McKinley Co., Inc.
Brier Hill Stone Co.
Structural Clay Prods. Inst.
Roberts-Gordon
Houghton Elevator Co.
General Clay Products Co.
The Williams Pivot Sash Co.
The Denny Supply Co.
Albina Engine & Machine Works, Inc.
White Insurance
Victor Oolitic Stone Co.
Prentice Drinking Faucet Co.
Portland Cement Association
Sauer Manufacturing Co.
Columbia Gas of Ohio, Inc.
Fras Brick Co.
Martiatta Concrete Co.
Belden Brick Co.
Luswin

Products and Service Aimed At Helping to Achieve the Quality of Concrete You Want and Need

POZZOLITH:®
the water-reducing, set-controlling admixture that produces stronger, more durable and watertight concrete.

MASTERPLATE:®
specially prepared metallic aggregate for producing iron-armoured floors of up to 8 times greater wear-resistance than plain concrete.

EMBECO:®
a family of products for non-shrink grout, mortar and concrete used for setting columns, waterproofing, caulking pipes through walls and many other construction applications.
 Convention Center?  
Sure!

Vacation Center?  
Sure!

Gas heated and Air Conditioned?  
Naturally!

This year's Architect's Society annual meeting is being held at Ohio's newest and most beautiful year-round resort. During the meeting you can enjoy a host of spare-time outdoor activities such as fishing, swimming, boating, golfing, and horseback riding.

You'll spend all your indoor time in gas air conditioned comfort. And, if the nights get a little chilly, you'll be cozy and warm, thanks to dependable gas heating.

While you're at the meeting, take a cook's tour of the lodge's all gas kitchen. The builders and designers of Atwood Lake Lodge understand the economy, convenience and dependability of gas. That's why the kitchen is all gas.

Gas heating and air conditioning and appliances can integrate into your design concepts. To get the overall picture, contact your East Ohio Gas Company Architectural Representative. There's no cost... no obligation.
A Neglected Part of Architectural Education

For the past two years, Architects, Educators, and Architectural Critics have been taking swipes at our Architectural Educational system in an effort to overhaul its direction and to up-date its curriculum. This is understandable for the demands of the future are so massive and complex that we cannot wait for everybody to be trained as a designer, only to find that 50 per cent of the class has no gift for it. An Architect, by modern definition, is a quite mixed up individual. How can one, at the same time and in the same connection be an artist, a business man, and a professional.

The schools seem to have resolved the question, at least to their own satisfaction, by teaching only one aspect of the trade, they have ignored the business man, and have assumed that the professional component will be learned by osmosis. This may be as it should, for no other reason than the impossibility of teaching or learning any other way. Their language has been almost exclusively graphical. The purpose of this message is to point up one aspect, which appears to have been glossed over and more or less neglected in these many surveys, namely — the WORD, or verbal communication.

On this point, let me say that while the schools do not deny the written word, they just do not think it is very important. For an example, take specifications. These are treated in cavalier fashion by most educators, and, as a result, by the students themselves. Specifications are considered dull and consequently something to be passed over to someone else — someone who is not up to being a designer.

As any professional manual will point out, such an attitude is courting disaster with the clients, with the public, and in the courts. Specifications are a fundamental tool of the trade. They are dull, perhaps, but they reflect the hard grinding discipline that teaches the how, what, when, where, and why of building construction. If specifications are to be taught in the colleges as they should, they should not be taught for the purpose of training specification writers, but for the purpose of training the whole architect. Properly presented, specifications could provide the key to the most effective teaching of construction techniques. Even more important, this points up another phase of this aspect — verbal communication.

Verbal communication provides the basis of our professional conduct. It is also the heart of the business man’s world. In the verbal areas of communication, we must understand our client’s needs; we must understand the discipline of his purse; we must compare solutions in terms of economic implications; we must convince the client of the appropriateness of our solution.

If we are to persuade the client that we are truly professional — so that he admits we know more than he does; we must do more than show him a beautiful drawing and say — “There”. If we are to work for him again, we must leave him with a feeling of satisfaction that a logical mind was at work throughout the whole period of our relationship.

One of the most lasting impressions that a client may have of his architect’s services often comes during construction of the building itself. How did the contractor behave? How many extras were on the job? Was his pocketbook attacked without warning? Were there squabbles and accusations?

No course can teach professional judgment. This will come only through experience. If, however, the fundamental hat rack on which that experience can hang itself has not been provided, the process will take much longer. If the ability to communicate verbally has not been encouraged, and rigorously tested, the education will be incomplete.

If Architect’s are to shape the future, they must not only be conscious of where we have been and where we may be going, but also to be able to express this awareness. If they are to have a voice in the laws that will affect the growth and rebuilding of our cities, they must become involved politically and even sit on legislatures. If the profession is to withstand the growing pressures of the governmental client —with the consequent limitations on individuality and innovation — it must have its advocates. If the three heads of the monster — Artist — Business Man — Professional are to live in some sense of harmony, the solution will be found in the communication of the English language rather than the communication of the drawing board.

The object of Architecture is still the concept, the soaring imagination, the grand plan. The language of words spells out the soundness and worth of the concept and lays a base for the manipulation of forms that block or bless the venture. Just as the secret of the Architectural concept lies in a simultaneous grasp of enclosed space and external form, so must the verbal and graphic halves of communication work together. Education of the Architect that ignores this, is only HALF an education.

By Robert R. Reeves, Jr. AIA
When the stock moved out, stock Andersen Windows moved in

This architect turned a fancy cow barn into an even fancier golf club ... the elegant Hominy Hills Country Club.

And once again, stock Andersen Windows came through in beautiful style. Casements, Gliders, and Beauty-Lines* (3 of 6 available types) were able to contribute greatly to the architect’s design scheme. Almost like they were designed for this job.

Here, extra-weathertight Andersen Windows are combined with welded insulating glass. Golfers can cool off quickly in efficient, economical air conditioned comfort. Fuel savings in winter are significant, too.

Equally important, Andersen Windows are built to operate smoothly, silently, almost effortlessly 'til the cows come home.

Need more proof that getting involved in custom millwork may be a waste of time? Call your Andersen distributor for a Tracing Detail File. Or check Sweet’s.

Andersen Windows are quickly available from these Ohio distributors

CINCINNATI
Acme Sash & Door Co.
1250 Tennessee Ave.
242-4400

CLEVELAND
Iron City Sash & Door Co.,
and The Whitmer-Jackson Co.
1251 Babbit Rd.
261-1300

NORTH LIMA
Iron City Sash & Door Co.,
and The Whitmer-Jackson Co.
(Youngstown Branch)
South Range Rd.
K1 9-2172

DAYTON
Dayton Sash & Door Co.
8 Norwood Ave.
BA 4-0626

MASSILLON
Iron City Sash & Door Co.,
and The Whitmer-Jackson Co.
16th St. & Harsh Ave. S.E.
TE 3-8511
ARCHITECTS CAN HELP
you plan for the handicapped

By CHRISTINE F. SALMON
Architectural Advisor, National Society For Crippled Children and Adults Part II of a Two Part Series

Building for the handicapped involves a large number of considerations often overlooked which your architect can help you work out. Discussed in Part I of this article were programming, choosing a site for building, orientation, and preliminary planning.

Details are last on our list of architectural considerations, and as you continue your work with cerebral palsy children you will add the details that are just right for your particular set of circumstances. Here are some that should be considered in any event:

Windows have both a physical and psychological function. They must let in natural light and solar heat, but keep out rain, cold winter air and summer mosquitoes. They must also present a view of the world around us. In addition, windows for your use must have special safety considerations.

Today, glass is manufactured in sheets up to 12 by 18 feet; there is no reason for using tiny panes of glass 9 by 11 inches. This necessitates putting paint on all the woodwork around them and cleaning those unnecessary little corners. Why not turn one or more walls of a room into glass? Use it from floor to ceiling. There is obtainable a "glass sandwich" that makes this practical from a heating standpoint. This product is made up of a sheet of glass, a dehumidified air space and another sheet of glass permanently sealed together to give perfect visibility and proper insulation against heat and cold. Such a window captures the warm rays of the sun at its winter angle, and, with the aid of overhangs and draperies, keeps the sun's rays out during the summer. Suitable guardrails can easily be placed against such a window. Low window seats or cabinets are attractive and useful adjuncts to such a "solar room."

Ventilation may or may not be the function of a window. When large, fixed panes of glass are used, it is easy to provide ventilators adjacent to them. These operating ventilators may be opaque as part of the wall construction, and contain built-in insect screens, or they may be of glass and form part of the window detail with hardware that is easy to operate as well as being unobtrusive. Such ventilators or operating sash should not project dangerously into a room. If you find such an obstruction, protect your children and aid your own job of housekeeping by building cabinets under the windows. Such cabinets should be flush with the wall, and so built that they will not only minimize the dangers of a projecting sash, but also those of any projecting radiators, pipes, or columns.

Doors for your use must be especially durable. Flush panel doors are most appropriate. Single doors should have a minimum width of 3 feet and double doors a minimum width of 6 feet. They should be easily opened and be equipped with kick plates for protection against wheel chairs, crutches and other equipment.

Door pulls should be in a position to balance the weight of the door, and have a long grasping bar rather than a small knob that can be reached at only one particular height. Automatic door checks will keep the door open until one is safely through and then automatically close it. "Electric eye" doors are completely automatic but expensive to install.

Some doors should be equipped with glass panels so that one can see another person approaching the door from the opposite side. This visibility should be provided on all doors that swing both ways. Panic bolts must be placed on all doors of major egress. These doors swing out and a simple knock against this special hardware releases the lock.

Floors present quite a problem when building for C.P.'s. They must be resilient, must also tolerate considerable wear and tear and may not be slippery. Wood provides a good surface, but maintenance is quite a problem since a slippery surface (such as wax) cannot be used. Asphalt tile and linoleum are easier to take care of and when not waxed are suitable plane surfaces. Concrete floors present many construction advantages, but for C.P. children they should never be left "in the raw." Cover them with rugs or mats that are well secured so that there can be no danger of tripping, or cover them with asphalt or rubber tile, cork, linoleum, or a recently developed thin wood tile.

Rubber tiles are one of the better flooring materials for use with C.P.'s—higher in price, but also higher in advantages, with resilience, good acoustic qualities and an attractive appearance.

Of all possible materials, cork is most suitable for your purposes, being the quietest floor and extra kind underfoot. If price prohibits its use, a cork floor might very well be the gift of a local service club. This would truly be a real service!
us AIRco
SINGLE PACKAGE
AIR CONDITIONING
EQUIPMENT IS
FACTORY-TESTED
TO SAVE YOU
TIME AND MONEY

usAIRco makes a large variety of air conditioning products. Each one is factory-assembled, wired with all necessary controls, designed and engineered for years of dependable service. But before they’re shipped to you ready to install, each receives a factory “operational test.” usAIRco’s testing program saves you time and money. Learn more about usAIRco Single Package Air Conditioners. Write for brochure No. RP16 for a complete description of models, model sizes, capacities and applications.

usAIRco...pioneers in air conditioning since 1920!

US AIR CONDITIONING CORPORATION

Page 10

Warm floors are desirable and can be obtained by use of radiant heated floor panels. This is most often accomplished by embedding coils for hot water in a concrete sub-floor on which floor tile is laid.

Interior walls may receive a variety of treatments, the most common of which is plaster. Many wallboards are on the market, with as many characteristics. All of these boards can be treated to receive either wallpaper or paint; plywood has excellent decorative possibilities with different surface treatments. When considering the various kinds of walls, it is important to test them for their tactile qualities. Employ no gritty surfaces nor materials that can in any way add injury if a child falls against the wall. Wall projections and jutting angles of any kind must be minimized. Built-in storage units are useful and help to achieve a continuous wall surface.

Ceilings are most important as a factor in light reflection and in connection with acoustics. True, the surface treatment of a whole room has a bearing on its acoustics, but the ceiling can improve the results. Proper installation of good acoustical materials will eliminate many annoyances which are harmful in certain phases of speech therapy. Good acoustics make teaching easier for the teacher and learning easier for the pupil. There are many competitive acoustical materials to choose from and, in selecting them, it is important to compare costs and methods of installation.

The ceiling is often the area from which the light fixtures are hung. It then becomes, by light reflection, a source of illumination. By installing light fixtures flush with the ceiling or using continuous fluorescent or hot or cold cathode tubes, you may achieve a whole ceiling of light. This provides very good illumination and can closely approach the quality and quantity of daylight.

Furniture in schools and workshops for C.P.'s need special attention. Moveable furniture provides greatest flexibility. Storage units, when not built in, should be so constructed that they provide the means of subdividing space. By employing this device, groups of children can be working on different projects in the same room at the same time without distracting each other. Tables and chairs should be movable, and stand-up tables, practice steps and other special equipment should be moved into the schedule of activities as unnoticeably as possible.

To increase the scope of teaching, an auxiliary classroom is a great help. A glass partition between this workroom and its adjacent classroom provides easy visual supervision by the person in charge, yet permits a division of activities with a sound barrier between. Such a room should be equipped with curtains that may be drawn when occasion dictates. This room would be ideally used by a visiting physiotherapist or speech therapist. Acoustical treatment would demand careful study in such a room.

Means of egress deserve special attention in your type of building. Practice steps are one thing, but prohibiting steps are quite another. As far as possible, your buildings should contain only a first floor level close to the ground. When changes of levels cannot be avoided, a ramp or elevator can be built next to the steps. Building on
only one floor affords a safety bonus—there is no need for fire escapes. Instead, each classroom can have its own exit.

When these doors lead to an outside play space for each classroom the children can acquire nearness to the world of growing things. Children find window boxes or aquariums on the interior and exterior of the building a real factor in their development and joy of living.

Color has an important influence on all children, particularly handicapped children. Never use drab colors on the walls of classrooms—"battleship grey" and "school-board brown" should be filed away permanently as monuments to the dark ages. Use bright, cheerful, clear colors and let different ones interact with each other throughout the school. Do one wall in a grayed blue and an adjacent wall in yellow: a third wall may give the effect of green if it is mostly glass and there are trees and lawns beyond. Use red and other "busy" colors sparingly. It would be wise to seek the advice of some one who knows pigments so your colors will be gay yet restful.

These considerations belong on your list of "Things That Just Ought To Be Done." They will help good plans become better buildings. Working blueprints will become working shops and schools wherein the most important construction can be done—helping handicapped children build better minds and bodies.

---

Successful Applicants For Registration
March 1965 Examination

The State of Ohio state board of examiners of architects announces the following persons have received their registration for the practice of architecture in Ohio.

**Cincinnati**
Hollock, Robert W. 3555 Lucille Dr., Cincinnati
Howard, George A. 6750 Bramble Ave., Cincinnati
Jurgens, Igo 150 Glenridge Pl., Cincinnati
Marks, Paul U. 7037 Glenmeadow Lane, Cincinnati
Moore, Harold S. 3429 St. Johns Pl., Cincinnati

**Cleveland**
Ahrens, Robert C. 14732 East Bagley Rd., Middleburg Hts., Cleveland
Gaspar, Stephen C. 2515 E. 124th St., Cleveland
Guda, Neil W. 3320 Berkeley, Cleveland Hts.
Sawyer, Donald J. 727 Kave St., Berea

**Columbus**
Harkanyi, Thomas A. 1860 N. Star Ave., Apt. 7, Columbus
Karlberger, Robert L. 372 Thornwood Dr., Granville
Stoeckel, Thomas K. 209 E. Stratford Ave., Worthington
Withers, Walter S., Jr. 1520 W. 6th St. #45, Columbus

**Dayton**
Buschor, William C. 4350 Mahler Dr., Dayton

**Eastern Ohio**
Beya, Michael A. 204 S. Pardee, Wadsworth
Carlson, Richard B. 1633 24th St., Cuyahoga Falls
Fritz, Martin A. 327 E. 2nd St., Dover
Scheatzle, David G. 516 Avalon Ave., Akron
Stuart, Lloyd 616 Sixth St., N.W., New Philadelphia

**Toledo**
Sitzenshock, Robert P. 2505 River Rd., Maumee

---

**WE CUT**

ZONOLITE® DYFOAM®

**TO YOUR EXACT NEEDS**

You don't pay for waste with Zonolite Dyfoam expanded polystyrene insulation. It's cut to your exact specifications. We can score it to any size. Ship-lap or tongue-in-groove the edges for better joints. Or laminate it to foil, Kraft or other materials to fit your needs. Rigid, lightweight Dyfoam is available in regular or self-extinguishing formulations. Call your Zonolite representative for details.

---

**Cleveland • Montreal**
**New York • St. Louis**
**Toronto • Vancouver**

---

**SEPTEMBER-OCTOBER, 1965**
TUCHMAN, BAUER RECEIVE HONORARIES

Two Ohio architects were made Honorary Members of the Michigan Society of Architects at the banquet in the Grand Hotel's Casino, Saturday, August 7, 1965. President Bruce H. Smith presented Certificates of Membership to Orville H. Bauer, AIA, Toledo and Joseph Tuchman, AIA, Akron.

Tuchman is serving his second term as president of the Architects Society of Ohio. Bauer is the immediate past president of ASO. Both Ohio men and their families have attended many of MSA's recent Conventions and Mid-Summer Conferences.
CONCERNING THE COVER

Our cover depicts an entry to one of the public libraries of Cincinnati and Hamilton County winner of our Honor Award for the outstanding contribution to the aesthetic environment.

Jury Comments: During the past fifteen years the Hamilton County Library Board has constructed a new main library building with some eight branches. Each has been designed by a different member firm and each has been well above the average level of design for public works projects in the area. Some are distinctly superior in design by any standard. However, the important point is not the relative merits of the individual projects, rather the consistent policy of the Library Board with regard to architectural standards and the interest of the library staff in achieving a high quality of architectural design. This Library Board has demonstrated in a most tangible way the value of good design to the community.

The Library Board of Trustees has had the courage and judgment to support the superior level of design for new facilities, and they are also to be commended. Certainly no other public Board in the Cincinnati area can match their record of producing facilities of high aesthetic standards.

Architects Society of Ohio
1965 Honor Awards Committee
W. R. Bogart, Cincinnati
C. E. Stoultand, Cincinnati
Co-Chairmen
Joseph Ceruti, Cleveland
Noverre Musson, Columbus
Byron Ireland, Columbus
Richard Levin, Dayton
John Head, Dayton
Charles Kremer, Eastern Ohio
L. Edward Kime, Toledo

JOIN FIRMFling & Eeman, Inc., Consulting Structural Engineers with offices at 101 North High Street, Columbus, Ohio announces that William W. Fallon and John E. Sadler have been admitted to membership in the firm.

Mr. Fallon graduated from The Ohio State University in 1952 with a Bachelor of Civil Engineering degree and a Master of Science degree. He was elected to membership in Tau Beta Pi and the national engineering honor society and is a member of The Ohio Society of Professional Engineers. Mr. Fallon has been associated with the firm for four and one-half years and recently was Project Engineer for the structural design of Green Cross Hospital additions, Cuyahoga Falls, Ohio, and the factory extension to Hydraulic Press Manufacturing Company in Mt. Gilead, Ohio.

Mr. Sadler was graduated from Ohio University in 1958 with a degree in Architectural Engineering. He was also elected to Tau Beta Pi. During his seven years with the firm he has been Project Engineer for the structural design of The Christopher Inn and the River Dormitories at The Ohio State University presently under construction.

THE JANSON INDUSTRIES

SPITZ PLANETARIUMS
STAGE EQUIPMENT • DRAPERIES
ACOUSTICAL DIVIDERS

PROFESSIONAL ARCHITECTURAL SERVICES
LAYOUTS • DETAILS • SPECIFICATIONS

Phone Collect 455-2241 - Area 216
CANTON, OHIO 44701
Is fire resistance your problem?

USS GARYLITE Expanded Slag lightweight aggregate contains no volatile or combustible materials, so it gives concrete excellent fire resistance. It makes 8-inch walls 23 to 117% more fire resistant and 4-inch walls 41 to 78% more fire resistant than other aggregates. (Portland Cement Association tests). GARYLITE concrete meets UL fire-resistance requirements with 21 to 42% less wall thickness than any of eight other aggregates tested. And masonry units made with USS GARYLITE have more pleasing color and texture, better nailability. They are compatible with other building materials and provide better sound absorption and thermal insulation. For more information on the best coarse or fine lightweight aggregate—USS GARYLITE SLAG—call or write United States Steel, Raw Materials Sales, at any of the following offices: 208 South LaSalle Street, Chicago, Illinois 60690 (Area Code 312) 236-9200; 209 Broadway Bldg., Lorain, Ohio 44052 (Area Code 216) 245-6897; 525 William Penn Place, Pittsburgh, Pa. 15230 (Area Code 412) 391-2345. USS and GARYLITE are registered trademarks.

United States Steel
LIN SPEAKS TO TOLEDO GROUP

The Toledo Chapter of the American Institute of Architects held their regular dinner meeting in the Seaway Room at the Secor Hotel on Tuesday, September 7, 1965.

The guest speaker was T. Y. Lin, world famous structural engineer and pioneer in the development of modern concrete technology.

Mr. Lin is a consultant to the U. S. Department of Defense, the California State Division of Architecture, the Government of Venezuela, Commonwealth of Puerto Rico, General Dynamics Corporation and General Motors Corporation.

Mr. Lin has won many awards, among them are the Wellington Award and the Fulbright Award for Advanced Research in Belgium.

THE HISS STAMP COMPANY

Manufacturers of Rubber, Brass & Steel Marking Devices Seals

(Architect and Engineers We Know Your Design Your Specs.)

The WHITACRE ENGINEERING Co.

Special Services in
REINFORCED CONCRETE CONSTRUCTION
REINFORCING STEEL IN PLACE WIRE MESH
CORRUGATED DECK STEELTEX
REMOVABLE PANS ACCESSORIES PAPER TUBES
POST TENSIONING

The WHITACRE ENGINEERING Co.
P. O. BOX 446
2830 CLEVELAND AVE. N. W.
CANTON, OHIO 44709
Phone 492-5550

DISTRIBUTOR WANTED

No Competition. To service and set up new accounts in exclusive territory. Investment secured by fast moving inventory of amazing plastic coating used on all types of surfaces interior or exterior. Eliminates waxing when applied to any type of floor. Eliminates all painting when applied to wood, metal or concrete surfaces.

Minimum Investment—$500
Maximum Investment—$12,000

For details write or call:
Phone: 314 AX 1-1500
Merchandising Division
P. O. Box 66
St. Ann, Missouri 63074

ALUMINUM or BRONZE TABLETS

PLAQUES • NAME PLATES MEMORIALS • HONOR ROLLS PORTRAIT TABLETS

ARCHITECTURAL LETTERS Bronze, Aluminum, Nickel-Silver, Stainless Steel

Custom Fabricated LIGHTING FIXTURES

Catalogues & Estimates sent on Request:

M. E. MEIERJOHAN-WENGLER, INC.
10330 WAYNE AVE. CINCINNATI, OHIO 45239

FOR ARCHITECTURAL RENDERING

OF HIGHEST QUALITY AND FOR VERY QUICK SERVICE

NASHBAR/OSBORNE AND ASSOCIATES
Schokbeton Opens Plant
In Pennsylvania

The Dutch have come to Pennsylvania, this time with a representative product to be made in a precast concrete products plant recently opened near Greenville. Here, by means of the Schokbeton process, precast architectural concrete units of unusually high strength and extreme density are produced.

The plant was the third one in this country using this method, which is likewise available in 14 other installations throughout the world.

The term “Schokbeton” is a combination of Dutch words literally meaning “shocked concrete.” The process, as developed in the Netherlands, has been widely used in Europe and South America for the last 15 years.

The new company, known as Schokbeton-Pittsburgh, Inc., with its 25 acre plant facilities at Greenville and executive offices at Pittsburgh, was organized by The Levinson Steel Company, Pittsburgh fabricators and distributors of structural steel. Use of the process is covered by special license issued by N. V. Schokbeton, Zeist, Holland. That company also manufactures the machinery used in the “shocking” phase of the operations in which a very stiff concrete is used — from zero to 1/2 in. slump. This mix is cast in forms of extremely close dimensional tolerances. The finished units are produced in depths, shapes, and finishes with refinement of detail never before possible, unless at considerable sacrifice of quality.

These close tolerances, with a range of zero to minus 3/32 in., assure finished products which will fit into position accurately, permitting joints with a higher degree of water tightness in the work to be formed around them. In order to precast such members with these low tolerances, it is necessary to maintain great accuracy in designing and manufacturing the molds; and they must be so manufactured that they will stand up under the severe treatment accorded them by the shocking techniques involved in compacting the “zero-slump” concrete.

This concrete has a lower water/cement ratio (never exceeding 0.40) than most conventional concrete. Because of the means used to consolidate it, the void volume of Schokbeton concrete is reduced as much as 7 percent under that of the normally vibrated higher-slump type, resulting in a far lower water absorption factor than has heretofore been possible. This condition virtually eliminates the normal shrinkage in conventional mixes, which adversely affects both dimensions and finishes. Above all, shrinkage reduces the durable quality and weatherability of exposed architectural concrete.

Any type of durable aggregates may be used in Schokbeton concrete. In the Greenville plant, the aggregates consist mainly of hard quartz granite, or gravel types for the surface layer, backed up with structural concrete made with sand and gravel or crushed stone. Comparing the strengths of conventional concrete, in which identical mixes having water/cement ratios of usually 0.50 or more are consolidated by normal vibration methods, with shocked concrete having water/cement ratios of less than 0.40, it is found that the latter develops more than 70 percent higher strength, under the application of both compressive and flexure (bending) forces. The plant has a well-equipped testing laboratory, including a Forney Tester, for checking strength of specimen concrete at all times.

Although the company is not inclined to publicize the details of the shocking treatment, patents on the process reveal that the machinery actually lifts the heavy framework of the bed upwards a distance of about 5/16 in. 250 times each minute, and allows it to drop back again by gravity. The lifting is done with a series of eccentric cams operating simultaneously on all posts supporting the framework. To assure maximum compaction, the molds are firmly attached to the shock tables, so that they will move as one with them. Compaction of this low-slump concrete builds upward from the bottom of the mold, driving excess air and moisture away from the mold face, so that no “skin” is developed.

The constant, rapid dropping of the heavy shock tables and molds is quite effective in consolidating the dry-mix concrete into an extremely dense mass of great strength, by forcing each particle of aggregate into the closest possible relation with all other during the few seconds of operation of each phase of the consolidation.

This plant has now been operated for more than a year, with approximately 130 men employed. In addition to certain wall paneling and units for building facades, the range

DESIGNING WITH SCHOKBETON
SCHOKBETON’S many properties permit the architect to exploit to the fullest extent concrete as a versatile architectural and structural material.

Greenville, Pa. Phone: 412 • 646-4114

SCHOKBETON-PITTSBURGH, Inc.

Write for FREE “Guidelines”
Chemical Abstracts Building, Columbus, Ohio
of precast building products includes structural columns, girders, joists and purlines, window and door frames in all sizes, architectural grilles, balcony units, staircases, and landings.

Some of the more important Schokbeton jobs which have been developed during the first year of operation include the following:

Chemical Abstracts Building, Columbus, Ohio — Here the architects, Potter, Tyler, Martin and Roth, Cincinnati, Ohio, specified the use of 288 large window framing panels. These panels were used on the entire exterior of the building. Contractors for the project were Garwick and Ross, Columbus, Ohio.

Lincoln Guyahoga Savings Association Bank Building, Cleveland, Ohio — There were 710 column covers and 320 spandrel panels developed for this important building in Cleveland’s downtown Erieview project. These units were cast against plastic molds manufactured in the Schokbeton Mold Shop giving the almost glass smooth finish to the concrete. The sills of the spandrel units were specially designed and contoured to control the flow of dirt and rain and direct the flow to an architectural recess.

For more information, contact American Woodwork Specialties Co.

Available thru most millwork jobbers in U.S.

For FREE detailed catalog write to:
American Woodwork Specialties Co.
26 MEAD STREET, DAYTON 2, OHIO
FIRM ANNOUNCES NAME CHANGE

The architectural firm of Damon-Worley & Associates announces a change in the firm name to Damon-Worley-Cady-Kirk & Associates, Registered Architects with offices in Cleveland and Youngstown.

The firm also announces the removal of the Youngstown offices to Room 404, Home Savings and Loan Building, 275 West Federal Street, Youngstown, Ohio.

GILBERT H. CODDINGTON SERVES ON DESIGN COMPETITION JURY

Gilbert H. Coddington of the architectural firm Brooks and Coddington was invited to serve on the jury for the design competition in the University-Euclid Urban Renewal Project Phase I. The competition was supported by the Cleveland Development Foundation, University-Euclid Citizens Advisory Committee, with funds provided by the Leonard C. Hanna, Jr. Final Fund.

Other members of the jury included Ralph E. Griswold of Griswold, Winters & Swain, Landscape Architects, 1101 Greenfield Avenue, Pittsburgh 17, Penna., and Henry B. Foy, of Foy & Lee, Architects, 1500 N. Main Street, Waynesville, N.C.

A letter of direction from James M. Lister, Director, Department of Urban Renewal and Housing, City of Cleveland, to the entrants outlined the projects as follows: "To provide for the best possible development of open space in the University-Euclid Urban Renewal Project, the Department of Urban Renewal and Housing of the City of Cleveland has asked the sponsors to establish a design competition so that the City may construct an area devoted to leisure time activity, which can provide activity for, and bring a sense of enjoyment and pride to, the residents of this community.

A unique quality has been added to this competition by directly involving residents of the project area in formulating the competition program. Basing the design of this open space upon the expressed desires of the residents, I believe, will result in a facility providing maximum use to the community and, at the same time, demonstrate that citizen participation is an important facet in Urban Renewal.

I look forward to, and welcome, the opportunity of utilizing this design competition to implement a major aspect of the University-Euclid Renewal Plan; and I believe it will be a major contribution to the objectives of this community's renewal."

Winners in the design competition include: First Prize $2,500 Behnke-Ness-Litten, Landscape Architect; Second Prize $1,500 Dave Howe, Architect; Third Prize $1,000 Damon Worley, Architect; Honorable Mention $250 Whitley & Whitley, Architect; Honorable Mention $250 James Harmon, Architect; Honorable Mention $250 Bill Gould, Architect; Honorable Mention $250 Jerry Weiss, Architect.

TELL THEM YOU SAW IT IN THE OHIO ARCHITECT

For Custom-engineered Architectural Metals and Sun Control Products specify McKinley

When your job calls for special architectural metals or sun control products, whether standard or custom-engineered, McKinley products, McKinley representatives and McKinley engineers can help you solve your problem quickly, easily and efficiently.

Sun Shades • Marquees • Walkway and Dock Covers • Sun Cornices • Wall Facings • Fascia • Roof Vents • Architectural Metal Specialties

Tell Them You Saw It In The Ohio Architect

o. o. McKinley Co., Inc.
4530 N. Keystone Avenue • Indianapolis, Ind. 46205
In Ohio, call Hamilton, 895-0962 (Code 513)
TO PLAY FOR ARCHITECTS SOCIETY OF OHIO'S ANNUAL MEETING

Kenny Monroe and his Dixieland band will provide the music for a lively program of entertainment during the Annual icebreaker party to be held Thursday evening, October 14 at Atwood Lake Lodge. The icebreaker party will be the kick off for what promises to be an exciting two day affair. Mr. Monroe and his Dixieland band are widely known in the Eastern Ohio area for their outstanding dance band music.

CO-RAY-VAC INFRARED GAS HEATING
Proves to be the best plant investment

"SUNSHINE" HEAT INCREASES WORK OUTPUT
Uniform "draftless" heat reduces absenteeism
SUSPENSION PERMITS MAXIMUM USE OF SPACE
Requires no floor space, boiler room, or chimney
PAYS FOR ITSELF FROM FUEL SAVED
Drastically cuts fuel bills up to 50% or more
"SELF-VENTING" STOPS MOISTURE DAMAGE
No open flames — No toxic fumes — No condensation
WRITE FOR FREE BROCHURE.

Subsidiary of A. J. Industries
BUFFALO, N. Y. 14240

Factory Representative:
BILL KAISER
22215 Lake Rd.
Cleveland, Ohio 44116
Code 216 — ED 1-4887

Copper Variegated Panels for Colorful Facades

The tone and texture of this natural stone imparts a feeling of rugged durability.
Undeniably authentic—Briar Hill's unique 'chat sawed' wall facing has a brisk, smart look that will complement your design.
See it in full scale... BOOTH 22
ATWOOD LODGE EXHIBIT

The BRIAR HILL Stone Company • Glenmont, Ohio 44628
An architect can combine beauty, form, and function to create an honest expression of a building's purpose only by using his imagination and skill... plus a very special building material.

Brick, as exemplified in these beautiful and graceful arches and columns, is such a material.

When used in a load bearing capacity brick allows the architect the freedom of almost unlimited colors, textures, patterns, and forms; combined with structural strength which can stand on its own.

Discover for yourself the design freedom offered by the very special building material, the imaginative material—Brick.

This is the year of Discovery '65... the year of brick
MAN HAS NEED OF VARIOUS STRUCTURES TO SHELTER HIS MANY ACTIVITIES. THE ARCHITECT HAS THE OPPORTUNITY TO GIVE SIGNIFICANT FORM TO THESE STRUCTURES AND IF HE DOES HIS WORK WELL ENOUGH, THE LIFE THAT GOES ON WITHIN THEM IS RICHER AND MORE PLEASANT.
FOR EACH THERE IS A HOME. THE FIRST NEED FOR SHELTER IS STILL THE SUBJECT OF A CONSTANT SEARCH FOR NEW ANSWERS.
HE ALSO NEEDS A PLACE TO WORK. IN AN EXPLOSIVE TECHNOLOGY THE WORKSPACE BECOMES A FINE-HONED TOOL.
THE NEW MARKETPLACES REFLECT OUR ALMOST EMBARRASSING WEALTH. EVERY DEVICE IS USED TO ENTICE THE POTENTIAL BUYER.
PLACE FOR LEARNING AND RECREATION ARE REACHING NEW PLATEAUS OF REFINEMENT AND SOPHISTICATION.
AND PLACES FOR WORSHIP
FIND NEW FORMS.
THE BUILDINGS SHOWN ON THESE PAGES ARE NOT MEANT TO EPITOMIZE THE GREATEST EFFORTS OF THEIR KIND. THEY ARE MEANT TO PROVOKE THOUGHT AND TO WITNESS THAT THE CREATIVE SPIRIT IS STILL ALIVE.

CREDITS

<table>
<thead>
<tr>
<th>BUILDING</th>
<th>ARCHITECT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. IRELAND RESIDENCE, COLUMBUS</td>
<td>W. BYRON IRELAND &amp; ASSOCS.</td>
</tr>
<tr>
<td>2. COLONY APARTMENTS, DAYTON</td>
<td>W. BYRON IRELAND &amp; ASSOCS.</td>
</tr>
<tr>
<td>3. SCHOOL EMPLOYEES RETIREMENT SYSTEM OFFICES</td>
<td>GRANZOW &amp; GUSS</td>
</tr>
<tr>
<td>COLUMBUS</td>
<td></td>
</tr>
<tr>
<td>4. SEARS ROEBUCK CO. STORE, HEATH</td>
<td>FRANK, LINDBERG, &amp; MAKI</td>
</tr>
<tr>
<td>5. OAK GLEN HIGH SCHOOL, HANCOCK COUNTY, W. VA</td>
<td>KELLAM &amp; FOLEY</td>
</tr>
<tr>
<td>6. SCIOTO DOWNS, COLUMBUS</td>
<td></td>
</tr>
<tr>
<td>7. UNIVERSITY CHAPEL, COLUMBUS</td>
<td>FRANK, LINDBERG, &amp; MAKI</td>
</tr>
</tbody>
</table>

ALL ARCHITECTS ARE FROM COLUMBUS.

ALL PHOTOS BY JACK STERLING, CANTON, OHIO
HAUGHTON
full-spectrum capability
in elevator system design

Solid state, electronic plug-in circuitry
reduces complexity and cost
in elevator automation

We connect miniature, solid state electronic components together on circuit boards, like the one shown above. The circuit boards are joined with other devices...and the happy result is a new, compact computer-control system that not only reduces the complexity and cost of elevator automation, but ensures electronic reliability as well. The practical application of solid state electronics to automated elevator systems is but one example of how our research and development program in Elevonics* works creatively for you. Specify Haughton total elevator automation for your buildings. Consult your Haughton representative for complete information. He's in the Yellow Pages. Or, write to us.

*Haughton's advanced program in systems research and engineering, with specific emphasis on the creative application of electronic devices and instrumentation for betterment of systems design and performance. Registered, U.S. Patent Office.
Old Fashioned Coal Fired Beehive Kilns
The Art & Skill of Firing At Its Best

General Clay Products Co.
1445 West Goodale Blvd.
Columbus 12, Ohio
Phone HUDson 8-9767
Factory Located at Baltic, Ohio

General-Hocking
Brick Company
Two Brands New Tunnels To Speed
Orders “Through The Mill”
1445 West Goodale Blvd.
Columbus 12, Ohio
Phone HUDson 8-9767
Factory Located at Logan, Ohio

“Better Brick for Better Buildings”

The Wadsworth
Brick & Tile Company
3 Tunnel Kilns To Provide Good Brick
For Lowest Possible In The Wall Cost
Box 340 South Main St.
Wadsworth, Ohio
Phone FEDeral 5-1515
Factories Located at Wadsworth, Ohio

PLANTS ESTABLISHED SINCE 1904
See our Display at Booth #
exclusively for members

• SERVICE
• INTEGRITY
• PROTECTION

are assured to you at all times when you enroll in the Accident and Sickness plan of income protection underwritten by Continental Casualty Company and Approved and Endorsed for members by the

ARCHITECTS
SOCIETY of OHIO

For full information about our plan, phone or write to the Administrator,

MR. SAMUEL WHITE
304 The Arcade • SU. 1-1540
Cleveland 14, Ohio

Honor Roll:
MODEL 27

HAWS DRINKING FOUNTAIN Model 27—a brilliant new member of Haws' family... and most popular for compact design in gleaming stainless steel with smooth push-button valve. Always handsome... always sanitary, with vandal-proof bubbler in satin chrome plated brass. Bears watching for future success.

For full, immediate details see Sweet's 29d/Ha; refer to your Haws Yellow Binder; call your Haws Representative; or write for spec sheet or complete catalog to HAWS DRINKING FAUCET CO., 1441 Fourth Street, Berkeley, California 94710.

SEPTEMBER-OCTOBER, 1965
Built for the future with concrete... beauty and flexibility at below-average cost

There are two basic criteria for the modern school: (1) a building designed at reasonable cost for rapid and often unpredictable expansion, and (2) a design that meets the necessary requirements for durability, safety and esthetic values. How these challenges can successfully be met by a progressive, dedicated school board working in close harmony with local educators and responsible architects and engineers is demonstrated by the James B. Conant High School, near Chicago. This attractive 211,000-sq. ft. building cost approximately $2,713,000, or $12.89 per sq. ft.—considerably less than the average of $15.00-$16.00 for Chicago metropolitan area schools. And the school is completely air-conditioned, too! Concrete played a vital role. An all-concrete frame is topped by a precast concrete roof system. Concrete masonry units back up the exterior walls. When your community builds new schools, concrete can provide attractive, versatile structures at costs substantially less than average.

PORTLAND CEMENT ASSOCIATION
50 West Broad Street, Columbus, Ohio 43215

An organization to improve and extend the uses of concrete, made possible by the financial support of most competing cement manufacturers in the United States and Canada

Beautifully fashioned church furniture is not the whole story . . .

One should also expect it to stay beautiful and last for several generations. And, that's just the way Sauder builds it!

Since 1930 Sauder has served America's churches with furniture and chancel installations that are among the finest in the industry. Its craftsmen have the sensitivity and feel for wood that qualifies them to create ecclesiastical appointments in any architecture. Write for literature showing some of our standard designs, pictorial highlights of our plant, and a partial list of Sauder installations.
The 1965 Honor Awards Jury considered ninety entries in the Architects Society of Ohio's first annual awards program. Through the program, the ASO seeks to honor works of distinction by its members and to bring to public attention outstanding architectural services rendered by its members in recent years. Regardless of size or classification, consideration was given to submittals on the basis of excellence in total design.

All entries are executed architectural projects designed by members of the Architect's Society of Ohio. The projects may have been executed anywhere in the State of Ohio and must have been completed after May 1, 1961.

Award winners in this Program may not be resubmitted in future years; all others may be resubmitted if building completion was not prior to prescribed date.

General Jury Comments

The Jury was greatly impressed by the overall quality and quantity of projects submitted and feels that the architects should be complimented on their very well prepared submission. This overall quality by the Architects in Ohio is indeed worthy of the profession.

There were a great many projects submitted as solutions to housing for the elderly. The jury was extremely disappointed in the planning and design effort put into these projects.

As indicated in the jury's selections it is very apparent that the large scale major projects in the State of Ohio are not as well planned and designed as they should be. If as much effort were put into the design of these major projects as was evident in the smaller projects submitted, the State of Ohio would take a prominent place on the architectural map of our country.

“...programs of this nature are important to the architectural profession in any area of the country and that organizations such as the Architects Society of Ohio should continue along the lines of this year's Honor Awards Program. This is important not only to put before the public the outstanding examples of architectural design in the area but in addition to set forth high standards for all the architects in that area. “

Chairman, R. W. Snibbe, AIA; William B. Tabler, FAIA; Robert W. Cutler, FAIA.

Conrad & Fleischman

Project: Orrville Methodist Church
General Contractor: Boegli and Kauffman
Jury Comments: A very simple straight forward but yet sympathetic handling of masses and material. The project should be further enhanced when the final stage is completed.
Project: Wyandotte Square Apartments
General Contractor: Irving Schottenstein

Jury Comment: The jury felt that the quality of the solution was outstanding and should merit wide recognition as a valuable piece of architecture. The project should provide a very pleasant atmosphere for gracious living.
Jim Morgan, AIA

Project: The Ivory Towers
General Contractor: R. A. Bergs, Inc.

Jury Comments: A fresh imaginative approach to garden apartments design. The solution appears to be a contemporary approach to tradition of Ohio architecture.
Ireland & Associates

Project: Golden Bear Center
General Contractor: J. H. Butt Co.

Jury Comments: A good solution well studied in all details. Should provide an inspiration for the design of shopping centers which all too often lack much design consideration.
Hoag-Wismar-Henderson Associates

Project: New Parking Structure, University Circle Development Foundation
General Contractor: Albert M. Higley Company

Jury Comments: We applaud this Architect for his ingenuity in the design for the garaging of automobiles in today's economy, especially in what appears to be a neighborhood whose character is essentially residential.
Robert A. Little & George F. Dalton & Associates

Project: Community Health Foundation
General Contractor: Hamann Builders, Inc.

Jury Comments: A straight forward solution to the difficult problem of providing health facilities coordinated with the complexities always present in our automotive Society.
Richard Levin and Associates

Project: Rothenberg Medical Building
General Contractor: Loraine Construction Company

Jury Comments: A sympathetic consideration of the environment in the suburbs which is where a pediatrics clinic should be located.
Honorable Mention

William B. Morris
Architect
Project: Meisel Residence

Ireland & Associates
Architects
Project: Cabana Club
Wyandotte Apartments

Brubaker & Brandt
Architects
Project: Summer & Company
Office Building

Brubaker & Brandt
Architects
Project: Buckeye Federal
Savings & Loan

Visnapuu and Gaede
Architects
Project: Wickliffe Public Library

Schaefer, Flynn & Associates
Architects
Project: Cleveland Institute of Music
Where's the GAS Air Conditioning equipment?

Twenty-one floors up ... at the very top of this spectacular new $6,000,000 office building. There, high above street level, twin 500 H.P. Natural Gas Engines provide a quiet, vibration-free source of shaft power for the building's central Gas air conditioning system.

These versatile engines drive centrifugal chillers to provide individually selected temperatures for each of the building's 500 zones. The Natural Gas engines operate at about half the cost of electric motors. Gas also provides comfortable, convenient winter heating for this new 210,000 sq. ft. skyscraper.

Installation of the Gas heating and cooling equipment atop the building lowers the cost of installation and frees lower levels for rental, as well. Maintenance costs are held to a minimum with rugged, long-lasting Natural Gas engines.

For further information on these engines or on any of the over 30,000 H.P. in Natural Gas Engines which recently have gone into operation to drive air compressors, industrial fans and to provide dependable on-site power, call the Industrial Engineers at your nearest Gas Company office.

COLUMBIA GAS OF OHIO, INC.
absolute uniformity of COLOR and TEXTURE in 1.3 million brick


............. 37 colors, 4 textures, 3 sizes
Write for full-color Tebco Literature

THE EVANS BRICK COMPANY
General Offices: Uhrichsville, Ohio • Phone 614-922-4210
Sales Representatives: Cleveland, Ohio • Columbus, Ohio • Pittsburgh, Pa. • Detroit, Mich. • Grand Rapids, Mich. • Fairmont W. Va. • Toledo, Ohio • Philadelphia, Pa.

One of the nation's largest producers of Clay Pipe, Clay Flue Lining, Wall Coping, Plastic Pipe and related construction materials, with over 50 years of faster, friendlier service.

Architect: Samuel Paul and Seymour Jarmul, Jamaica, L.I., N.Y.
Contractor: I. Rosen and Sons, Inc., New York, N.Y.
Tebco Face Brick supplied by Natco Corporation, New York, N.Y.
Marietta Precast Concrete Panels Add the Finishing Touch to New Harshman Quadrangle Dormitory

A New Trend in Co-Educational Student Housing at Bowling Green State University of Ohio.

The Harshman Quadrangle is a pinwheel arrangement with four totally self-sufficient residence wings. They surround a central oculus designed for common living and recreation. Two wings are devoted to women and two wings are devoted to men. Included in each of the dormitory structures are specialized group areas for study, library work and classroom/lecture use. The complex forms visually interesting outdoor spaces.

An Oculus for Recreation and Dining

The complex houses 1400 students, all of whom may be accommodated simultaneously in the central food facilities area. This oculus is not only the co-education commons, but the architectural focal point as well. Its circular outer surface features a dramatic use of alternating beige broomed finish and brown Marietta Marzaic panels encircling the steel roof structure. Stretching out from the oculus are the four residence structures. The facade of each hall is of Marietta precast, parapet panels. Spanning the pools inset in the terrace are footbridges — also Marietta precast aggregate units. The advantages of Marietta Precast Concrete Panels

Many savings in erection time and costs were afforded by using Marietta precast elements. And, precast concrete gives the structure added "value" because it's durable, maintenance-free and attractive. Architects find that design and structural possibilities of Marietta precast elements foster innovation — in the Marzaic selection there are over 2000 various aggregate units from which you may choose.

Create Your Own Precast Element Designs

You can create many new shapes using Marietta elements. There are economical opportunities unique to these elements — as they provide surface as well as load-bearing units for your use. And, you can call upon Marietta Concrete's staff of engineers to work with you to create special elements and pilot models to your design specifications.
Brick is nature's most natural building material. Brick communes with nature... and adapts perfectly to natural surroundings. That's why creative architects call on BELDEN for the most imaginative selection of brick... over 200 variations in color, texture and size. BELDEN provides the largest selection in the industry to free the imagination for limitless scope of design.

Your nearest BELDEN Dealer will be happy to provide you with samples and our new, 4 color brochure, specially designed with the architect in mind.

SIGHT MODERN FACTORIES LOCATED AT CANTON, MERSET, PORT WASHINGTON, SUGARCREEK, OHIO
everyone's Choice for Customized Doorware

Designers Choice

Offering a multitude of variations in elegant main entrance hardware...created by Russwin with more than 125 years of doorware manufacturing know-how combined with over 200 years of distributor service.

See Designers Choice at The Architects Society of Ohio's Annual Meeting, October 14, 15 and 16...

Atwood Lake Lodge, Dellroy, Ohio