LESS THAN ONE-HALF THE WEIGHT OF CONVENTIONAL CONCRETE CONSTRUCTION

Specify DUWE The Insulating Precast Concrete System

Duwe Precast DuLITE® Insulating and Acoustical roof slabs with the permanence of concrete produced from a carefully controlled mix, will not weigh over 36 pounds per cubic foot. Compare this to 150 pounds per cubic foot, the weight of ordinary poured concrete. In addition, the DuLITE® slabs are not affected by water or moisture, and can be installed in most all kinds of weather.

DUWE
PRECAST CONCRETE PRODUCTS, INC.
P. O. Box 1277 • Oshkosh, Wis. 54901
OLD SMOOTHIE

That even-textured old smoothie, Beslite Block, does it again. Transforms what could have been a cold, uninviting hallway into a cheerful, maintenance-free hallway. Beslite Block. The most paintable block in town. Available in a variety of sizes and shapes at a block plant near you.

LIGHT WEIGHT AGGREGATE CORPORATION

27611 SCHOOLCRAFT/LIVONIA, MICHIGAN-48150
TELEPHONE 313/421-6565/533-3379

American Concrete Institute; Concrete Improvement Board; Concrete Products Association of Michigan; Construction Specifications Institute, Detroit Chapter; Expanded Clay and Shale Association
Attempts made by various labor unions in recent years to organize for collective bargaining the employees of architectural and engineering firms have recently come into sharp focus again with a new round of such attempts. Privately practicing engineers have been approached by unions with the request that they be permitted to represent the engineer's employees in collective bargaining, and more frequently such efforts have been directed, by one means or another, to the employees themselves without the employer's knowledge. A number of architects have experienced such advances too, and it is an accepted fact that the architectural profession will hear more and more of such efforts. This has happened in Michigan, and can and will happen much more in all parts of Michigan.

By and large such advances have met a decidedly negative reaction, particularly from architects and from the employees of architects. In order for a union to establish a legitimate right to represent any group of employees, a secret vote must be taken among those employees and a majority must vote in favor of such representation. Unions have been shut out of a number of professional offices by not receiving this favorable vote—the employees did not want a union to represent them.

It is certain that in most occupations which call upon the employee's skills or involve mental, manual, or physical processes in an impersonal and routine work environment, the trade union serves a valuable and even a necessary function. Historically it has provided economic stability for the man whose economic destiny was at the mercy of forces which were beyond any measure of his control. But its relationship to those engaged in professional service to some aspect of society has always been questionable. The work done by these people is primarily intellectual and varied in character. It involves the consistent exercise of discretion and judgement in its performance. The output produced or the result accomplished cannot be standardized in relation to a given period of time. It requires knowledge customarily acquired through a prolonged course of specialized intellectual instruction. It involves moral responsibilities for the welfare of others.

If the architect is to maintain that unions have no place in his profession, he must be fully prepared to meet and better the advantages that can be offered through union association for his employees, and to provide, along with the material advantages, the proof of his own moral responsibility. In architectural firms of great size, employing hundreds of people, of which there are several in Michigan, it becomes a serious challenge to the management to maintain a balance of recognition and reward. The fundamental difference between the labor union approach and that of the professional and his technician assistants must be recognized and understood. The labor union is concerned with adequate and equal recompense and "protection" for all who hold a particular job. This is the primary emphasis. The professional strives to provide the best solution to a problem and the reward measured in part, by the success. The one striving for equality of reward without stressing the value of achievement—the other striving for achievement as its basic aim. The two approaches do not appear to mix.
Volume 43 – No. 2

2 Editorial

4 Calendar—News

9 1967 Detroit Chapter Honor Awards

12 "Report on Spain"—Louis G. Redstone, FAIA

15 Classified

16 Advertiser's Index

STATEMENT REQUIRED BY THE ACT OF OCTOBER 23, 1962: SECTION 4369, TITLE 39, UNITED STATES CODE SHOWING THE
OWNERSHIP, MANAGEMENT AND CIRCULATION OF Monthly Bulletin, Michigan Society of Architects, published monthly at 28 West Adams, Detroit (Wayne County) Michigan 48226, with headquarters at the same address. Names and addresses of the publisher and editor are: Publisher, Michigan Architectural Foundation, same address as above; Editor, Ann Stacy, 28 W. Adams, Detroit, Michigan 48226. The owner is Michigan Architectural Foundation, same address as above. The known bondholders, mortgagees and other security holders owning or holding one percent or more of total amount of bonds, mortgages or other securities are: none. The average number of copies of each issue during the preceding twelve months from date of filing are (a) Total number of copies printed, 4,099; (b) Paid circulation: (1) to term subscribers by mail, carrier delivery or by other means, 3,261; (2) Sales through agents, news dealers or otherwise, none; (c) Free distribution by mail, carrier delivery, or by other means, 165; (d) Total number of copies distributed, 3,426. Single issue nearest to filing date (a) Total number of copies printed, 4,200; (b) Paid circulation: (1) To term subscribers by mail, carrier delivery or by other means, 3,326; (2) Sales through agents, news dealers or otherwise, none; (c) Free distribution by mail, carrier delivery, or by other means, 139; (d) Total number of copies distributed, 3,465. I certify that the statements made by me are correct and complete.

(Signed) Ann Stacy
Managing Editor

Monthly Bulletin, Michigan Society of Architects, is published monthly at 28 West Adams, Detroit 26, Michigan. Entered as second class matter January 15, 1946 at the Post Office at Detroit, Michigan under Act of March 3, 1879. Subscription price, $4.00 per year (members $2.00). 50 cents per copy.
CALENDAR

February 14, 1968

March 13, 14, 15, 1968
54th Annual MSA Convention—Detroit.

What Is An Architect?
Due to the many requests for copies of "What Is An Architect"? reproduced on page 4 of the January 1968 issue of the Monthly Bulletin, Jim Platt of Structural Clay Products Institute has made arrangements for an additional supply.

Reproductions are now being made on parchment stock and are ideal for framing. Write to Jim Platt, Structural Clay Products Institute, Region #4, 2556 Clearview Avenue, Canton, Ohio for your copies.

New Members Elected
The Secretary of the AIA has announced the election and assignment to the Detroit Chapter of the following: Keith Stanley Bauman, James Harold Beebe, Anthony Allen Foust, Richard Lewis Gould, William James Honner, Robert Charles Lebeck and Theodore H. Yessayan effective January 11, 1968.

AIA Establishes Two New Chapters
The American Institute of Architects has approved the formal installation of a new chapter in the U.S. Virgin Islands and a new chapter in Rochester, New York.

Robert L. Durham, FAIA, President said that the Virgin Islands Chapter would include architects from St. Thomas, St. John, and St. Croix. John Randal McDonald, AIA, of St. Croix, is the President. Durham said that the territory of the Rochester Chapter, formerly a section of the Central New York Chapter, will include all of Monroe County, and that the president is Michael Doran, AIA, of Rochester.

AIA Publishing Book on Cost Of Architectural Services
A major new book, The Economics of Architectural Practice, is now being published by The American Institute of Architects for distribution at the end of January. Based on pioneering research performed by Case and Company, Inc., and the AIA Task Force on the Cost of Architectural Services, the book will contain information on the income of architectural offices and on their direct and indirect operating expenses and profit.

It will provide a basis for comparing operating expenses and indicate areas where profits are sometimes made and lost. Numerous tables and charts included will contain detailed cost information compared by sizes of firms and building types. Trends are indicated by comparisons of data for four periods of time from 1950 through 1966. The list price of the new book is $6.

The book will be available thru the MSA Headquarters Office, 28 West Adams Avenue, Detroit, 48226. Mail and phone orders will be filled.

MAPA Names Assistant
Clifford E. Behrens, a native of Saginaw with 18 years experience in the asphalt industry, has been named an assistant executive secretary of the Michigan Asphalt Paving Association.

Behrens completed two years at General Motors Institute before enlisting in the Submarine Corps in 1943. After his discharge in 1946, he took a B.S. degree in civil engineering from M.S.U.

Between 1949 and 1957, Behrens was employed as an asphalt sales engineer by Standard Oil Company at its Whiting, Indiana refinery where he gained experience in the manufacture, testing, and shipping of all asphalts. His sales territories have included the states of Indiana, Iowa, Illinois and Michigan. In 1957, he joined Bituminous Materials Co., Inc., as an asphalt sales engineer.

Battle Creek Architects Reorganize
The Architectural practice of Lewis J. Sarvis, Gordon A. Belson, and R. A. Vanderploeg has been reorganized as Sarvis Associates, Inc., Architects and Engineers, with offices at 258 Champion Street, Battle Creek, Michigan. The principals are Lewis J. Sarvis, Gordon A. Belson, Ruard A. Vanderploeg, and George N. Williams, Architects, and Eugene R. Stender, Professional Engineer.

Sarvis graduated from the University of Michigan, College of Architecture, in 1923. He came to Battle Creek to work for E. W. Arnold at that time and continued his practice on Arnold's death, in 1927. Many residences in the area were designed by him in this period. Later his work included schools and hospitals throughout the state. A member emeritus of the American Institute of Architects, he is registered in several states and by the National Council—of Architectural Registration Boards.

Belson graduated in Architecture from the University of Michigan in 1934. He was employed by Architects in Battle Creek, Kalamazoo, and Detroit, and by the Construction Division of the Navy in Jacksonville, Florida, prior to three years Army service in World War II. He returned to Battle Creek in 1964 to work with the Sarvis firm. He traveled to Nigeria, West Africa, for the design and construction of the Center for Extra-mural studies at the University of Nigeria. A member of Alpha Rho Chi Architectural Fraternity, the American Institute of Architects, he is past president and treasurer of the Western Michigan Chapter of the A. I. A.

Continued on Page 6
Hotel Pontchartrain...
the headquarters for the 54th Annual MSA Convention.
March 13, 14, and 15

"Envisioning Tomorrow's Architecture" is the theme... a dissection by students, faculty and practitioners.

SEMINARS
NONE RUN CONCURRENTLY—SO YOU CAN ATTEND ALL THREE

Three in depth seminars have been planned... the first on Thursday afternoon, March 14, will be "crystal balling" by selected architectural students, Terril Tompkins, L.I.T.; Harry Gullf, Cranbrook; Tyrone Gillespie, University of Michigan; and Edward J. Popko, University of Detroit; a seminar moderated by Professor Walter B. Sanders, FAIA, of the University of Michigan. This seminar is guaranteed to be a tremendous kickoff on the theme.

On Friday morning, March 15, Charles Moore, AIA, Chairman—Yale University, School of Art and Architecture, will moderate the faculty seminar with Gunnar Birkets, Bruno Leon and S. Glen Paulsen serving as panelists, representing the University of Michigan, University of Detroit, and the Cranbrook Institute of Design. Their observations on the theme along with those provided by the students the day before will definitely prove to be interesting.
Friday afternoon will wrap-up the seminar program with the theme then covered from the practitioner's viewpoint. William W. Caudill, FAIA, director-School of Architecture, Rice Institute and a practitioner of well- renown will moderate. Messrs. Birkets, Leon and Paulsen, also educators and practitioners of note, will serve as Caudill's panelists.

SOCIAL EVENTS

On Thursday, March 14, the luncheon will feature the first annual awards program honoring the winners of the SMEAD competition and the student design competition. This luncheon is open to all. Thursday evening, a block of seats has been reserved at the Fisher Theatre. Your ticket to this event includes a Champagne-Buffet, and bus transportation to and from the theatre.

A special luncheon on Friday is planned for the ladies at the new Mauna Loa Restaurant. Erma Bombeck, the syndicated columnist, who in her column envisions many subjects, will be the speaker. For those remaining at the Hotel Pontchartrain, the exhibitors will host a cocktail and luncheon in the exhibit area. And by the way, the exhibitors will use individual guest rooms (7th to 10th floors) for their displays. This arrangement will insure that much needed personal touch.

Friday evening, March 15, the Annual Awards Dinner, preceded by the Presidents' reception, hosted and sponsored by the Producers Council-Michigan Chapter. Be sure to give your greetings to Henry Hall, Producers Council President, and his members.

MSA President, Chase Black will preside with toastmaster Bob Wold serving as linebacker. "Formal informality" will prevail throughout the reception, dinner, Honor Awards and Gold Medal presentations.

WE'LL SEE YOU

Your committee has worked diligently! They can hardly afford to miss attending this convention . . . Can you?? Ann Stacy and her staff await your registration. We're pretty optimistic! Her office space is fairly limited in size so tardy registrations may be left in the corridor by the postman.
GOOD TO KEEP ON HAND
THIS CURRENT ROSTER OF THE MECHANICAL
CONTRACTORS ASSOCIATION OF DETROIT

"YOUR SOURCES FOR COMPLETE MECHANICAL BIDS"

WILLIAM A. ADAM CO.
William N. Adam Robert J. Adam
8810 Grinnell, Detroit, Mich. 48213
WA 1-0218

ALLEN BRIGGS CO.
G. Allen Briggs Allen Briggs, Jr.
48237. 544-7600

BRADY PLUMBING & HEATING CO.
F. C. Richter William Reid
21143 Schoolcraft, Detroit, Mich.
48223. KE 7-9250

CARRIER AIR CONDITIONING CO.
Jack White (Assoc. Member)
5301 Oakman Blvd., Dearborn, Mich.
48126. LU 4-2701

THE ROBERT CARTER CORP.
R. A. Carter Richard Kahn
13305 Capital Ave., Oak Park, Mich.
48237. 547-7000

EAMES & BROWN, INC.
D. B. Eames Ken Senior
55 Pike St. East, Pontiac, Mich.
48058. FE 3-7193

GLANZ & KILLIAN CO.
E. F. Glanz
1761 W. Forest, Detroit, Mich. 48208
TE 1-7820

GOSS MECHANICAL
CONTRACTING CO.
Bruce Walker Derwin J. Walker
3409 Ludden St, Detroit, Mich. 48207.
LO 7-6610

JOHN E. GREEN
PLUMBING & HEATING CO., INC.
Edward J. Green Donald P. Green
48203. TO 8-2400

THE STEVE KRUCHKO CO.
Steve Kruchko Leonard Kruchko
P. O. Box 8-4281 Saginaw Trail
Drayton Plains, Mich. 48020
674-0344

LORNE COMPANY, INC.
L. R. Lyons W. J. Blough
641 W. Congress St., Detroit, Mich.
48226. WO 2-0112

L. L. McCONACHI CO.
D. L. McConachie H. S. Cornelius
2240 Mt. Elliott Ave., Detroit, Mich.
48207. LO 8-3700
Vanderploeg is a graduate of the Cornell University College of Architecture and, following World War II Naval service, joined the Sarvis office in 1946. Among his recent projects are the W. K. Kellogg Foundation Office Building, the Willard Library Addition, now under construction, and the Kalamazoo College Natatorium. At Alma College, in addition to developing the overall campus plan, he has designed the Science Building, Library, Physical Education Building, and a number of residence and food service projects.

Williams, a 1950 graduate of the University of Michigan School of Architecture was, prior to joining the Sarvis firm in January of 1965, associated with architects offices in Battle Creek as a principal. He participated in the design of a variety of building projects. Williams is a member of the American Institute of Architects, and past-secretary and director of the Western Michigan Chapter. He is a member of the Battle Creek Building Code Board of Appeals, and Rotary. He served three years in the Army during World War II.

Stender graduated from the School of Engineering at Notre Dame in 1950. He has been with the Sarvis office for fifteen years. He served as an Air Corps pilot during World War II, and is a member of the Michigan Society of Professional Engineers.

Jury Named For 1968 Library Building Awards Program

Three architects and four librarians have been named to the jury of the 1968 Library Buildings Awards Program, sponsored by The American Institute of Architects, the American Library Association, and the National Book Committee.

Architect members of the jury include: Francis P. Gassner, AIA, Chairman, Memphis; George E. Mc Dowell, AIA, Morristown, N. J., and Giovanni Pasanella, AIA, New York City. Librarians who will sit as judges are: Freazer G. Poole, Library of Congress; Cora Paul Boman, State Department of Public Instruction, Raleigh, N. C.; Robert H. Rohlf, Library of Congress, and Emerson Greenway, Free Library of Philadelphia.

The jurors will meet at The Octagon, to select winners, out of more than 200 entries, for First Honor Awards for Distinguished Accomplishment in Architecture and for Awards of Merit in Architecture. Announcement of the winners in the fourth annual program will be made during National Library Week, April 21-27, 1968.

A. Oppenheimer Now With A. K. Schlain Co.

A. L. Oppenheimer Company, building specialties contractors since 1925, has now been liquidated. Art Oppenheimer is now associated with Abbott K. Schlain Company where he will continue to handle the same lines of products,—flagpoles, hatches, spires, projection shutters, and metal batten roofing.

Architectural Accounting Handbooks Ready For Distribution

Copies of the AIA Handbook of Accounting for Architectural Offices are available from the Headquarters office, 28 West Adams, Detroit 48226. Mail and phone orders will be filled. Price $6.00, plus tax and postage.

Lamb Assumes New Duties

Jack I. Lamb, AIA, has been appointed Chief Architect of John G. Hoad & Associates, Inc. Engineers—Architects, of Ypsilanti.

Prior to joining Hoad, Lamb had been in private practice. He is a graduate of Lawrence Institute of Technology.

PICTURED:
Lakeshore High School
Additions by
Wakely-Kushner Assoc., Architects
Ceramic Tile Installed:
on deck and walls of pool; on floors in field house shower-rooms; on cafeteria floor; on toilet room walls and floors.
For information regarding technical qualities or installation, call (313) 353-5647.

when an architect plans for the future...
he selects building materials very carefully. A ceramic tile contractor will be pleased to explain how quality products and professional installation methods produce lasting effect.
Who turned on the lights?

We did. For about half the cost. That's the story of the Total Gas Energy system recently installed in the new addition of Muskegon Catholic Central High School. This remarkable new on-site system produces all the power and light with natural gas driven engine-generators. And it does the job for about 50% of the cost of conventional methods.

The system also provides, at virtually no cost, most of the heat needed to warm and cool the building and to heat the water. Excess heat, picked up from the water and oil jackets and exhausts of the engines, is converted to steam by a heat exchanger. It is then either piped to heat coils in the individual rooms for heating, or to the absorption unit which cools the incoming filtered air for air conditioning.

Total Gas Energy also permitted substantial savings in the design and construction of the new addition to the school—an estimated $90,000.

This new system for supplying low-cost power and light has been employed in schools, motels, shopping centers, office buildings and plants throughout the country, and its economies have been proved again and again.

If you'd like to have more information about Total Gas Energy, just write John Turko, Manager, Major Projects Sales, Michigan Consolidated Gas Company, One Woodward Avenue, Detroit, Michigan 48226. Maybe we can turn on your lights for about half the cost, too.
Schoolcraft Student Center Completes College Plaza

The construction of a recently built Student Center has brought to completion the central plaza of Schoolcraft College in Northwest Wayne County.

The Center, focal point of social life on the campus, is the eight building, and the fifth designed by Eberle M. Smith Associates, Inc., Architects and Engineers, to rise since ground was broken in June 1963 on the 140-acre site located on Haggerty Road between Six and Seven Mile roads.

Currently the enrollment at the college is 3906 and it is expected that it will serve some 5000 full time or 7500 part time students by 1970.

The student Center consists of two levels and is symmetrical in plan with large central assembly spaces flanked by smaller public rooms and service areas.

Kasprzak Announces New Firm

Robert Kasprzak, AIA, announces the formation of Kasprzak Associates, Architects, with offices at 1110 Catalpa, Royal Oak, Michigan. Mr. Kasprzak recently resigned from the firm of Linn Smith, Demiene, Kasprzak, Adams, Inc. to enter private practice.

Hastings Appointed to B of C

Robert F. Hastings, FAIA, president of Smith, Hinchman & Grylls Associates, Inc., of Detroit has been appointed to fill a vacancy on the Board of Directors of the Greater Detroit Board of Commerce. A member of many professional organizations, Hastings is currently vice president, chairman of the Council of commissioners, member of the Executive Committee and Board of Directors of AIA, former treasurer of AIA and past president of the Detroit Chapter of AIA.

Complete Mechanical Construction

by Detroit's fastest growing mechanical contractor
First Honor Award:  
Ford Life Sciences Complex, University of Detroit  
Detroit, Michigan  
Architects: Glen Paulsen and Associates, Inc.  
Owner: University of Detroit  

Detroit Chapter Honor Awards for 1967  

First Honor Award:  
Single Family Residence, Oxford, Michigan  
Architects: Carl Luckenbach and Associates  
Landscape Architects: Harry Klein
Award of Merit:
North Terminal Building, Detroit Metropolitan Wayne County Airport
Romulus, Michigan
Architects: Smith, Hinchman and Grylls Associates, Inc.
Owner: Wayne County Road Commission

Award of Merit:
Fisher Administrative Center, University of Detroit
Detroit, Michigan
Architects: Gunnar Birkerts and Associates
Owner: University of Detroit

Award of Merit:
Collegiate Commons, Grand Valley State College, Allendale, Michigan
Architects: Meathe, Kessler and Associates, Inc.
Landscape Architects: Johnson, Johnson and Roy, Inc.
Owner: Grand Valley State College
Honorable Mention:
James H. Whiting Auditorium
Flint College and Cultural Center
Flint, Michigan
Architects: Smith, Hinchman and
Grylls Associates, Inc.
Landscape Architects: Johnson, Johnson and
Roy, Inc.
Owner: Board of Education, Flint, Michigan

Honorable Mention:
Vera Baits Houses, North Campus
University of Michigan
Ann Arbor, Michigan
Architects: Swanson Associates, Inc.
Landscape Architect: Johnson, Johnson and
Roy, Inc.
University Architects Office: Howard Hakken,
Ann Arbor, Michigan
Owner: University of Michigan

Honorable Mention:
Regency Square, Detroit, Michigan
Architects: Green and Savin, Inc.
Landscape Architects: Johnson, Johnson and Roy, Inc.
Owner: Hamilton Construction Company

Honorable Mention:
Landscape Architects: C. Wendell Smith
Owner: Warren Woods Public Schools
REPORT on SPAIN

by Louis G. Redstone, FAIA

The most dramatic aspect of present-day Spain is the building activity taking place, especially in the big cities. The city of Barcelona is leading the way with many new apartment buildings, university buildings, shopping centers, etc. But the most important aspect is the quality of the design and the craftsmanship.

The striving for quality is encouraged by the yearly awards to architects for the best designed buildings. These awards are part of the professional activity of the Catalonia Architectural Society which is one of the most influential and powerful professional organizations I encountered. The Society serves its members in an unusual way. Every architectural office has to submit all plans to the Society with cost estimates and copy of the architect-owner agreement. The Society checks the documents and collects a “tax” of 10% of the architect’s fee. In return for the “tax,” the Society makes certain that the architect is paid full fee. The Society provides its members with legal assistance when necessary, with life insurance, retirement benefits, health insurance and even insurance for errors and omissions for his professional practice! To provide these services, the Society built an 8-story building which contains an assembly hall, library, publication and general administration offices, information center, bar-restaurant, Board Room and club rooms. The ground floor is planned for building material displays. The architect of this building, Xavier Busquets, was chosen thru a competition open to all the Society’s members. The interiors of the eight floors were awarded to different architects, thereby creating individual character of design and art integration.

The arts are integrated throughout the building thru the use of frescoes, mosaic murals, bas-reliefs, paintings and free standing sculpture. The highlight of the exterior is the Picasso mural on 3 sides of the Second Floor.

"ROOFING IS AN ART"

BUILT-UP ROOFING today is a highly skilled, technical trade. It is no longer possible to stay in the roofing business by using unskilled help, a mop and a bucket of tar to do a roofing job. With today’s new designs, materials and application techniques, competition demands that all men of all trades KNOW their business.

Members of the R.I.P.F. use QUALIFIED, SKILLED PROFESSIONAL tradesmen who DO know their business.

To KNOW the contractor and the company he represents is your guarantee that a QUALITY job will be done. Put your trust in a R.I.P.F. Roofing Contractor. As an additional service to the architectural profession we offer a free consulting service. We will be pleased if you consult with our Roofing Advisory Consultant on any problems you have pertinent to roofing, sheet metal or waterproofing.

ROOFING INDUSTRY PROMOTION FUND

W. J. Strand
Tech. Consultant

8469 E. Jefferson Ave.
Detroit 14

E. B. Grime
Exec. Sec.
Extra-hot water that doesn't cost extra

Another advantage of an all-electric building. Extra hot water is required in hospitals, rest homes, restaurants, cafeterias, beauty and barber shops, schools and motels. To help meet their needs, they often rely on the hotter hot water delivered by electric water heaters—the only type that normally heats water to 160°. Economy also influences the choice of electric. For example, equipment can be installed anywhere in the building, so water can be delivered through short pipe runs. Ask an Edison representative about the economy of having the energy for heating water—versatile electricity—coordinated with the heating, cooling, and lighting systems in an all-electric building. There's a special economy, now that Edison rates have been lowered again.
facade. Incised into the concrete by the "Scralfito" method, the 10' figures represent folk scenes.

Another mural by Picasso is inside the Exhibition Hall.

Honoring of new and talented architects does not prevent the Spaniards to take continuous pride in the work of their famous architect, Gaudi. His Church of the Sacred Family started nearly 40 years ago, is still in the process of construction. The technique of construction is the same as in the past centuries. The completed basement contains a large scale model of the church, from which draftsmen make their working drawings as they go along. Outside, in the courtyard nearby, is the stone cutting shop where excellent Catalan craftsmen carve the intricate stone forms. There is not a stone of identical size or shape. In a country where the living standards are not high, this popular devotion to complete an architectural masterpiece is amazing!

We found this desire to preserve the Spanish character in architecture in the numerous remodelings of old buildings in the old walled cities of Toledo, Avila and Segovia. In Segovia, we had a personal experience in staying in one of these remodeled quarters. The hosts were the Vaquero family, a father-son architect-sculptor team. The Vaqueros persuaded the City Council to allow them to build into the actual outer wall of the city. The exterior was hardly touched except for a door opening, so that no one could possibly have the slightest inkling that behind the ancient stonework were up-to-date living quarters. The entire interior finishes were kept in character with the exposed native stone work, including stone stairways, wood beams, hand made tiles with traditional motifs, etc. The climax of all this was the small terrace on the 5th floor, overlooking the valley and the city on which the ancient wall ramparts served as the railing!

The Vaquero family is also in the process of remodeling 3 medieval buildings into an art school. The school is for American exchange college students interested in Spanish art and the integration of art in architecture. This interest in the revival of the arts in architecture was of special importance to me, since my main purpose in going to Spain was to gather material for my forthcoming book on art and architecture.

The contrasts of the various cultures holds exciting experiences for the architect and the initial visit serves as an introduction for the rich discoveries ahead.
The management group of Giffels & Rossetti, Inc., Detroit-based architectural and engineering firm.

Seated from left to right are S. A. Littmann, vice president engineering, M. M. Bush, executive vice president, C. A. Giffels, president, and Louis Rossetti, director of architecture. Standing at the left is A. M. Entenman, vice president of project management, along with Gino Rossetti, vice president of architecture and design. Not present is a sixth member of the management group, J. E. Genheimer, vice president of new business. The 42-year-old company's ownership is now held by those actively engaged in the day-to-day operation. The ownership shares were acquired on December 18 by a group of 15 within the company. The transition had been under way since 1963 following the death of Raymond F. Giffels, the firm's founder.

Landscape Firm Reorganizes

Eichstedt and Grissim Associates announce new firm name and location. The new firm is Eichstedt, Grissim, Young and Associates, at 18580 Mack Avenue, Grosse Pointe Farms, Michigan 48236 Telephone (313) 885-2693.

CLASSIFIED

Wanted Architects or Engineers

Architectural or Civil

Salary range $9,834 to $12,110 annually. Starting rate commensurate with experience. All Michigan civil service benefits, including an excellent state contributory insurance program and an outstanding retirement plan. Three years of experience in the supervision of construction of buildings and possession of a Bachelor's degree from an accredited college in Architecture, Civil, or Architectural Engineering. Will function as Project Superintendent. Position at the Lake Superior State College in Sault Ste. Marie. Send resume to George J. Durak, Administrative Officer, Executive Office, 1st Floor, Lewis Cass Building, Lansing, Michigan 48913. An equal opportunity employer.


Immediate need for Architects, Job Captains, and experienced Architectural Draftsmen. All positions to participate in company profit sharing plan. Salary open. Write Wigen, Tinknell & Associates, Inc., 3444 Davenport St., Saginaw, Michigan or Phone 793-3581.
Use something to insulate cavity and block walls. How about jawbreakers?

Whenever the temperature differs on the inside and outside of these walls (that's all the time), convection occurs in the cavities. The more different the temperature, the bigger the wind in the voids. The wind carries therms from the side where you want them to the side where you don't. These walls are as good as—or better—than other kinds of walls. But like all walls, they need insulation. Without it the occupants are as miserable as the heating and air conditioning bills.

Zonolite® Masonry Fill Insulation: better than everything

Zonolite Masonry Fill Insulation was developed specifically for these kinds of walls. It doubles their insulation value; a real boon to mankind. Keeps inside wall temperatures comfortable and the heating and air conditioning bills easy to take.

Zonolite pours right into the voids, fills them completely, never settles. It is water repellent; any moisture that gets into the wall drains down through it and out. Cost: as low as 10¢ per square foot, installed.

Gentlemen:

Somehow using jawbreakers doesn't sound like a good solution to the problem of insulating masonry walls. Send me Zonolite Masonry Fill Insulation Folder No. MF-83, with complete technical data and specifications.

NAME
TITLE
FIRM
ADDRESS
CITY   STATE   ZIP

ADD STYLE AND COLOR TO YOUR HOME

There's a fireplace to fit any decor. Choice of beautiful decorator colors. In gas and wood burning models . . . easily installed to add the warmth and atmosphere of an open hearth to your home or cabin.

DONDERO SASH & SCREEN, INC.
1523 N. Main Street
Royal Oak, Michigan 48067
LI 5-0600 or LI 5-1902
MICHIGAN DISTRIBUTOR FOR CONDON-KING AND MALM FREE-STANDING FIREPLACES
The entire exterior facade (23,000 sq. ft.) of this striking hilltop hospital is composed of approximately one thousand white precast units with glistening white quartz aggregate.

Four hundred and twenty of the units are "T" arches anchored into the building frame at the bottom with a dowel and at the top with two steel angles on either side clipped into the building.

Medusa White fits to a "T" the architectural requirements for these precast units. For more data, write Medusa at P. O. Box 5668, Cleveland, Ohio 44101.

MEDUSA WHITE
fits to a "T"
precast panels
in this hospital landmark

ST. JOHN'S SMITH-TOWN HOSPITAL,
Precast Units: Vernon Art Stone Co., Inc., New York, N. Y.

© BY PORTLAND CEMENT COMPANY
White and Gray Portland Cements • White, Gray and Custom Color Masonry Cements • “CR-85 Series”® ChemComp® Cements
slag
THE ALL-PURPOSE CONSTRUCTION AGGREGATE

EDW. C. LEVY COMPANY
Detroit, Michigan 48209
Area Code 313, 843-7200