SOARING ROOF
AND PYLONS OF CONCRETE
EXPRESS THE SPIRIT OF
JET-AGE FLIGHT

New international port of entry to the nation's capital, Dulles Airport is being built from the ground up for jets. From the 2-mile-long runways to the magnificent terminal building, concrete has been given a leading role.

The architect's bold concept for the terminal could only have been executed in concrete. No other material has the versatility to accommodate such striking departures from traditional design.

The concrete roof, slung from pylons with cables, makes the terminal a vast, single room, 150 feet wide by 600 feet long. The upswept design, that gives such drama to the exterior, provides improved acoustics for the interior.

Elegance and classic simplicity mark the towering pylon colonnades, accentuated by textured surfaces that expose the special white aggregate used.

For freedom of expression in designing structures of all types and sizes, more and more architects are today turning to modern concrete.

THE BEST IDEAS ARE MORE EXCITING IN CONCRETE


PORTLAND CEMENT ASSOCIATION
Stoddard Building, Lansing 23, Michigan A national organization to improve and extend the uses of concrete

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.
A “Chicago” Bender that Removes the Strain and Labor when Bending Electrical Conduit

HARLAN ELECTRIC COMPANY
24000 Telegraph Rd.—Southfield, Mich.
Phone: 442-5834 (Detroit) 357-1993 (Southfield)
Let this flame do the work of this costly compressor

Air condition with Gas! Gas Air Conditioning gets its "go" from a quiet, energetic flame, not a fast-wearing, noisy, costly compressor. As a result, there are no moving parts in the cooling unit, no moisture or lubrication problems. That's why Gas Air Conditioning lasts three times longer than flameless types! • Look to other payoffs if you're a commercial or industrial user. With Gas Air Conditioning you get four-season service—one unit cools and dehumidifies in summer, heats and moisturizes in winter. Fuel savings quickly amortize the system's original price. And Michigan Consolidated gives free service...night or day to maintain peak performance, spring and fall for routine checks. Matter of fact, the Gas Company not only backs the entire unit but its servicing as well. • Need any more facts to prove a flame outstrips a perishable compressor? Get the full story—call an Air Conditioning Specialist soon at the Michigan Consolidated Gas Company.

BE MODERN... FOR LESS... WITH GAS

MICHIGAN CONSOLIDATED GAS COMPANY
Look for a special article on Fort Michilimackinac in the August issue. This feature by Richard C. Frank, AIA, will cover the restoration of one of the state's foremost tourist attractions.
Upon the recommendation of the State and Chapter Affairs Committee, the Board of the Michigan Society of Architects approved the following proposed changes in By-Laws at its meeting held in Lansing on Saturday, June 15, 1963. Voting by the membership on these changes will take place at the Mid-Summer Conference, Mackinac Island, August 2nd. Notice of proposed change is hereby served to MSA members.

PROPOSED CHANGES IN BY-LAWS
MICHIGAN SOCIETY OF ARCHITECTS
(As capitalized and underlined)

ARTICLE III. MEETINGS
SECTION 4. BOARD MEETINGS
The Board of Directors shall hold not less than SIX (6) meetings during the year for the purpose of transacting the business of the Society. (No other changes under this Article.)

ARTICLE IV. DUES, FEES AND ASSESSMENTS
SECTION 2. ANNUAL DUES
Subject to the approval of THE CORPORATE MEMBERSHIP, the Board shall set the amount of the annual dues to be paid to the Society. (No other changes under this Article.)

ARTICLE V. BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE
SECTION 7. EXECUTIVE COMMITTEE (new)
THERE SHALL BE AN EXECUTIVE COMMITTEE OF THE BOARD COMPRISED OF THE PRESIDENT, VICE-PRESIDENT, SECRETARY, TREASURER AND TWO (2) SENIOR MEMBERS, APPOINTED BY THE PRESIDENT. THE EXECUTIVE COMMITTEE SHALL ACT FOR THE BOARD BETWEEN MEETINGS OF THE BOARD. THE EXECUTIVE COMMITTEE SHALL NOT ORIGINATE ANY FINANCIAL OR OTHER MAJOR POLICY OR TAKE ANY ACTION WHICH WOULD CONFLICT IN WHOLE OR IN PART WITH ANY ACTION OF THE BOARD OR OF ANY MEETING OF THE SOCIETY OR ANY RULE OR POLICY OF THE INSTITUTE.

ARTICLE VI. OFFICERS
DELETE PRESENT SECTION 7. REGIONAL DIRECTOR AND ADD NEW SECTION 7. AS FOLLOWS:

SECTION 7. DIRECTOR OF THE MICHIGAN REGION

ARTICLE VII. COMMITTEES
DELETE SECTIONS 1, 2, 3, 4, 5 AND 7.

SECTION 1. (NEW) CLASSIFICATIONS
CLASSIFICATION OF COMMITTEES AND THEIR DUTIES SHALL AT ALL TIMES BE CONCURRENT WITH THOSE IN EFFECT UNDER THE NATIONAL STRUCTURE AND COMMITTEE ORGANIZATION OF THE INSTITUTE; TOGETHER WITH SUCH ADDITIONAL, SPECIALIZED CLASSIFICATIONS AS MAY BE ADOPTED BY THE SOCIETY.

REVISE SECTION 6 AND RENUMBER AS SECTION 2.

SECTION 2. APPOINTMENTS
All committee appointments shall be approved by the Board. The President shall have the power to make appointments to any unfilled or vacant office. The President may create new committees when in the best interest of the Society, or at any time discontinue a committee, alter its classification or make changes in its personnel as he may deem proper. (DELETE LAST SENTENCE.)
BIG CAPACITY IN SMALL SPACE

AEROFIN Smooth-Fin Heating and Cooling Coils

High ratio of surface area to face area
High air velocities without excessive friction or turbulence
Write for Bulletin S-55

AEROFIN CORPORATION
101 Greenway Ave., Syracuse 3, N.Y.

Aerofin is sold only by manufacturers of fan system apparatus. List on request.

ENGINEERING OFFICES IN PRINCIPAL CITIES

July, 1963 | 5
**Pre-packaged Door Hoods**

- **Convenience Plus**—shipped assembled, ready to install, beautiful, distinctive appearance. Certified for minimum live load of 30 lbs. per sq. ft. Design permits drainage as desired. Deluxe model 5' projection in widths of 7' and 10'. Fluted ceiling panels, barrel design. Available in natural aluminum finish or baked-on enamel colors. Economy Model low in price, yet tops in quality. Projection 3' 4", in widths of 5' and 8'. Straight roof design, fluted ceiling panels. Details submitted for both models on request.

**Marquees** . . . Beautiful protection for store, plant, school, office . . . used on loading areas, entryways, docks and malls. Certified minimum load of 30 lbs. per sq. ft. (greater loads if desired). Complete drawings sent on request.
EXCHANGE ENDORSES SAFETY LAW

DETROIT, June 11—The Builders' & Traders' Exchange of Detroit, representing more than 1600 contracting firms, today pledged all-out support of Michigan's new construction safety law.

In a resolution to Gov. George Romney, the Exchange said it is in "accord with the objectives" of Act 89, and offered support and assistance "in achieving a successful implementation of the Act."

Governor Romney signed the Act into law May 8th of this year.

The resolution was drafted by the Exchange's Safety Committee, under the chairmanship of O. H. Colbert, R. C. Mahon Co., and the Board of Directors, headed by President Edward C. Chase Jr., of The Chase Co.

The Exchange's resolution to the Governor stated:

"We feel we can be most helpful to the State Construction Safety Commission by fully informing our members as to the provisions and requirements of the Act, the rules and regulations developed by the Commission, and by encouraging complete cooperation and compliance by our members.

"In addition, there may be times when, because of the wide variety of contractors in our membership, we can be helpful to the Commission in developing administrative procedures, and rules and regulations properly keyed to the needs of a vast, complex and technical industry. We would like to take this opportunity to offer the Commission our help, counsel and facilities at any time the Commission or its staff may wish."

Firms represented by the Exchange engage in all phases of commercial, institutional and industrial construction. The Exchange is one of the oldest of Michigan's construction trade associations, and it is the largest Builders' Exchange in the nation.

Under the State's new construction safety law, a five-man Commission will develop safety rules and regulations for the inspection and use of equipment.

Contractors who employ three or more people must register with the Commission annually. There is a $35 registration fee. Each registered contractor is required to furnish to the Commission complete information showing the total number of comprehensible time-loss injuries and total hours worked during the preceding year.

The Commission shall investigate any contractor whose safety record fails to meet the norm for his classification. It may also investigate alleged violations of its rules and regulations.

There are 27 states in the Union that have state-administered construction safety laws.

CLEARING HOUSE PROVING SUCCESSFUL

Ann Nordstrom, manager of the newsroom of the Builders' & Traders' Exchange of Detroit, reports that the Bid Date Clearing House organized by the Exchange and the Detroit Chapter, A.I.A. is proving successful. The Clearing House provides the architect an opportunity to coordinate the due date for a project with that of others out for bids. The continued success of this service depends upon the cooperation of all firms who file bidding documents at the Detroit Exchange.

19% MORE STEEL IN THE MORTAR

with WAL-LOK HORIZONTAL MORTAR JOINT REINFORCING

Other reinforcing may be heavier but, Grade for Grade and dollar for dollar, WAL-LOK puts more steel in the mortar where it counts,—19.2% more than competitive products. SUPERSTANDARD Grade has 8 ga. Siderods rather than the 9 ga. used by others and it's the Siderods that end up in the mortar. Ladder type construction means no wasted steel to get in the way of insulation, pipe or conduit in the walls. No extra freight on steel that serves no useful purpose. PLUS—many other features at no extra cost.
UTICA SYSTEM OPENS ITS THIRD AND FOURTH ALL-ELECTRIC SCHOOLS—TWO MORE ON THE WAY!

Shown here are the new Jack Harvey and Plumbrook Elementary Schools in Utica, Michigan—both are all electric, including flameless electric heat!

The Utica School Board chose electric heat because electric heat needs no boiler room or stacks, resulting in a substantial savings in space and money. During partial use of the buildings, electric heat permits heating of only the rooms in actual use. And because it's flameless, electric heat is clean and trouble-free, needs little maintenance and frees custodial help for other duties.

These aren't the only all-electric schools in Utica. Two were built in 1958—electric heat saved enough on construction to provide an extra 30-student classroom in each structure! Two more all-electric schools are planned for completion in the immediate future.

Before you decide on any heating system for a new building, talk to an Edison Electric Heating Specialist about the many advantages of flameless electric heat. Call WO 2-2100, ext. 2223 in metropolitan Detroit. Elsewhere call your Edison office. DETROIT EDISON
<table>
<thead>
<tr>
<th>Firm Name</th>
<th>Contact Information</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADRIAN</strong></td>
<td>Faulhaber, Francis A., 128 E. Maumee</td>
<td>265-5509</td>
</tr>
<tr>
<td></td>
<td>ALBION</td>
<td>Dean, Frank E., 219½ S. Superior</td>
</tr>
<tr>
<td><strong>ANN ARBOR</strong></td>
<td>Alban &amp; Olencki, 1158 Pomona Road</td>
<td>NO 3-5558</td>
</tr>
<tr>
<td></td>
<td>S. R. Bragg &amp; Associates, 307 National Bank &amp; Trust Bldg.</td>
<td>NO 3-4613</td>
</tr>
<tr>
<td></td>
<td>Colvin, Robinson, Wright &amp; Assoc.</td>
<td>206 E. Huron</td>
</tr>
<tr>
<td></td>
<td>Daniels &amp; Zmack Assoc., 3372 Washtenaw</td>
<td>NO 8-5979</td>
</tr>
<tr>
<td></td>
<td>Hamnett, Ralph W., Assoc., 321 S. Main St.</td>
<td>662-0936</td>
</tr>
<tr>
<td></td>
<td>Kainlauri, MacGunn, Millman Assoc., Inc.</td>
<td>2311 Shelby</td>
</tr>
<tr>
<td></td>
<td>Lane, Charles W., Assoc., Inc., 3366 Washtenaw</td>
<td>665-8182</td>
</tr>
<tr>
<td></td>
<td>Livingston, James H., 3727 Jackson Rd.</td>
<td>665-3711</td>
</tr>
<tr>
<td></td>
<td>Loveland, Douglas, 120 N. 4th Ave.</td>
<td>NO 2-7404</td>
</tr>
<tr>
<td></td>
<td>Metcalf, Robert C., 444 S. Main St.</td>
<td>663-1417</td>
</tr>
<tr>
<td></td>
<td>Muschenheim, William, AIA, 1251 Heatherly</td>
<td>NO 2-7564</td>
</tr>
<tr>
<td></td>
<td>Sanders, Walter B., 99 Barton North Drive</td>
<td>662-9202</td>
</tr>
<tr>
<td></td>
<td>Tanner &amp; Kowalewski, 308-10 S. State St.</td>
<td>663-1700</td>
</tr>
<tr>
<td></td>
<td>Wong &amp; Chance, Architects, 2378 East Stadium</td>
<td>665-7379</td>
</tr>
<tr>
<td><strong>BAY CITY</strong></td>
<td>Bryselleboult, Starke &amp; Hacker, Inc., P.O. Box 748</td>
<td>TW 4-4527</td>
</tr>
<tr>
<td></td>
<td>Goddeyne, Joseph C., 417 Bay City Bank Bldg.</td>
<td>TW 5-5453</td>
</tr>
<tr>
<td></td>
<td>Morris &amp; Weslek, Archts., 1211 South Euclid</td>
<td>892-9114</td>
</tr>
<tr>
<td><strong>BENTON HARBOR</strong></td>
<td>Hatfield, Wayne C., 150 Higman Park</td>
<td>WA 5-7200</td>
</tr>
<tr>
<td></td>
<td>Niephaus, Craig A., 1125 Pipestone</td>
<td>WA 5-0821</td>
</tr>
<tr>
<td></td>
<td>Van Dongen &amp; Raymer, 250 Colfax</td>
<td>WA 6-6137</td>
</tr>
<tr>
<td><strong>BERKLEY</strong></td>
<td>Disc, J. Ivan, 3269 Ellwood St.</td>
<td>LI 2-2953</td>
</tr>
<tr>
<td><strong>BIG RAPIDS</strong></td>
<td>Sleeper, Charles E., 312 Oak St.</td>
<td>796-8344</td>
</tr>
<tr>
<td><strong>BIRMINGHAM</strong></td>
<td>Birkerts &amp; Straub, 287 E. Maple</td>
<td>644-0202</td>
</tr>
<tr>
<td></td>
<td>Bissell, Edward E., 1184 Edgewood</td>
<td>MI 4-5093</td>
</tr>
<tr>
<td></td>
<td>Dvorski, Joseph, 1080 N. Woodward</td>
<td>MI 6-0616</td>
</tr>
<tr>
<td></td>
<td>Jickling &amp; Lyman, 261 Daines</td>
<td>MI 6-7777</td>
</tr>
<tr>
<td></td>
<td>Keyes, Hugh T., 259 Daines</td>
<td>MI 4-6745</td>
</tr>
<tr>
<td></td>
<td>LaRoy, Wesley E., 4691 Haddington Lane</td>
<td>MI 7-1791</td>
</tr>
<tr>
<td></td>
<td>Loizos, John W., 245 N. Hunter Blvd.</td>
<td>MI 7-0150</td>
</tr>
<tr>
<td></td>
<td>Morgan, John P., &amp; Assoc., 187 S. Woodward</td>
<td>MI 7-1626</td>
</tr>
<tr>
<td></td>
<td>O'Dell, Hewlett &amp; Luckenbach, 950 Hunter Blvd.</td>
<td>JO 4-5697</td>
</tr>
<tr>
<td></td>
<td>Paulsen, S. Glen, 176 N. Woodward</td>
<td>MI 6-9441</td>
</tr>
<tr>
<td></td>
<td>Sachs, Melvin H., 6052 Northfield Road</td>
<td>MA 6-5809</td>
</tr>
<tr>
<td></td>
<td>Schowalter, Leo J., 1562 Fairway</td>
<td>MI 4-1158</td>
</tr>
<tr>
<td></td>
<td>Smith, Linn, Associates, Inc., 894 S. Adams</td>
<td>MI 6-3700</td>
</tr>
<tr>
<td></td>
<td>Stickel, Frederick, &amp; Associates, 286 E. Brown St.</td>
<td>MI 6-7000</td>
</tr>
<tr>
<td></td>
<td>Yamasaki, Minoru, &amp; Assoc., 1025 E. Maple Road</td>
<td>MI 6-8400</td>
</tr>
</tbody>
</table>

*July, 1963*
FIRM ROSTER
ARCHITECTURAL OFFICES IN MICHIGAN

BLOOMFIELD HILLS
Begrow & Brown, 20 E. Long Lake Road MI 6-8877
Dezur, Robert, Arch., 27 W. Long Lake Rd. MA 6-6055
Swanson Associates, Inc., W. Long Lake Road MI 4-2440
Tarapata, MacMahon & Associates, Inc., 1191 W. Square Lake Road 338-4561

BLOOMFIELD HILLS
Kelley, Don J., 3842 S. Towerline PL 57059

BRIDGEPORT
Kelley, Don J., 3842 S. Towerline PL 57059

BRIGHTON
Musth, Max A., 4533 Filbert Drive AC 7-2677

CHELSEA
Lindauer, Arthur, 260 Fletcher Road OR 9-7124

COLDWATER
Fair, Jerry, 17481 W. Outer Drive LO 5 5397

DEARBORN
Kennedy & Straight, Inc., 22234 Ford Road CR 8-7500

DETROIT
Agree, Charles N., Inc., 14380 W. McNichols... DI 1-8431

Des Rosiers, Arthur, 15850 James Couzens. UN 4 2500
Diehl & Diehl, 120 Madison................. WO 5 1872
Donaldson & Meier, 16040 W. McNichols... BR 3 7849
Fader, Lester, 25716 Schoolcraft................ KE 5 0297
Feig, Irvin D., 7777 W. Chicago.................. WE 3 8583
Fisher, Harold H., & Assoc., 616 Temple........... 833-0170
Fortney, Ralph B., Architects & Assoc.,
1002 Francis Palms Bldg.................. WO 2 2760
Gabler, Cornelius L. T., 3300 Book Bldg. . . . . 3 8563
Gehrke, Hans, 751 Griswold.................... WO 1 9190
Germany, Klees & Bliven, Inc.,
18650 W. McNichols................ KE 7 5200
Giffels & Rossetti, Inc., Architects & Engineers,
1600 Marquette Bldg........................ WO 1 8084
Gould, Nathaniel O., 16130 Braile.. KE 3 9613
Greemel, Karl Hans, & Assoc., 415 Birdland........... 831-6604
Habermas, Carl R., 415 Birdland................ TE 1 9898
Hammond, Quinlan & Fowler, Inc.,
1217 Griswold........................ WO 1 3540
Harley, Ellington, Cowin & Storiton, Inc.,
Architects & Engineers, 153 E. Elizabeth........ WO 27080
Havis-Glovinsky, Assoc., 14145 Puritan........... 23 8171
Herman, Simons & Bassett, 632 Lafayette Bldg. WO 2 8788
Jepson, Raymond, 20202 Piddley Road................ UN 2 0202
Johnson, Nathan, 2512 W. Grand Blvd.......................... TY 7 2223
Kaganca, Wallace K., 19423 James Couzens........... 341-6263
Kahn, Albert, Associates, Architects &
Engineers, Inc., 345 New Center Bldg........ TR 1 8500
Kallmes, John J., 508 Park Ave, Bldg.................. WO 1 7075
Kamp, Ervin E., Associates, Architects,
18400 Grand River................................ 838-5940
Kapp, William E., FAIA, 2344 Buhl Blvd................ 962-5415
Kavieff, Otto H., 15885 Ohio........................ UN 1 4746
King & Lewis, Inc., 1555 Lafayette East........... 961-2276
Levey, Norman J., 1040 W. Fort St.......................... WO 2 2505
Levine, Alpern & Assoc., 16150 Meyers................ DI 3 9967
Levine, Seymour J., 14299 W. 8 Mile Road........ 341-6306
Lynch, F. James, 128 Kercheval........................ 884-9176
Magrath & Dohmen, 2631 Woodward.................. WO 5 0365
Manghio & Quick, 2631 Woodward.................. 963-0862
Mandell, Seymour H., 3831 E. 7 Mile Road........ 893-2750
Marr & Marr, 415 Birdland........................ 831-6680
Mason, George D., & Company, 409 Griswold........... 2 7850
Mattie, Kessler & Assoc., Inc., 18000 Mack Ave........ 884-9500
Merritt, Cole & McCallum,
20950 Grand River Ave........................ WO 5 1480
Meyer, Earl G., 1306 Michigan Bldg................ WO 3 4742
Morison, James B., 618 Fox Bldg........................ WO 2 2576
Nelscn, LaVerne, 20334 Grand River................ WO 8 3340
Newman, Edward M., 15550 Joy Road................ BR 2 2666
Noetzel, Clarence, 2407 National Bank Bldg........ 3 5335
FIRM ROSTER
ARCHITECTURAL OFFICES IN MICHIGAN

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noth, Edwin F.</td>
<td>2631 Woodward</td>
<td>963-0862</td>
</tr>
<tr>
<td>Odell, William H.</td>
<td>1215 Dime Bldg.</td>
<td>2-2699</td>
</tr>
<tr>
<td>Palmer, Schoettley Assoc.</td>
<td>409 Griswold</td>
<td>1-1267</td>
</tr>
<tr>
<td>Perry, Leo L.</td>
<td>1806 Michigan Bldg.</td>
<td>3-4742</td>
</tr>
<tr>
<td>Filanof, Suren</td>
<td>457 W. Fort St</td>
<td>1-1540</td>
</tr>
<tr>
<td>Pollmar, Ropes &amp; Lundy</td>
<td>415 Brainard</td>
<td>2-3074</td>
</tr>
<tr>
<td>Primeau, Edmund E.</td>
<td>15091 Mayfield</td>
<td>7-0023</td>
</tr>
<tr>
<td>Redstone, Louis G.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roycraft, Duane</td>
<td>2017 W. Seven Mile Road</td>
<td>538-6398</td>
</tr>
<tr>
<td>Rosser, Sanford</td>
<td>15239 W. 8 Mile Rd., 35</td>
<td>342-4151</td>
</tr>
<tr>
<td>Royzicki, Walter J.</td>
<td>2256 E. Forest</td>
<td>3-7760</td>
</tr>
<tr>
<td>Scheufler, Carl A.</td>
<td>2207 Allard Ave</td>
<td>1-0844</td>
</tr>
<tr>
<td>Schmidt, Arthur O.</td>
<td>1526 Buhl Bldg.</td>
<td>1-7535</td>
</tr>
<tr>
<td>Siegel, Leonard G.</td>
<td>1601 W. Lafayette Blvd.</td>
<td>1-9044</td>
</tr>
<tr>
<td>Smith, Eberle M., Assoc.</td>
<td>153 E. Elizabeth</td>
<td>5-6815</td>
</tr>
<tr>
<td>Smith, Hinchman &amp; Grylls</td>
<td>3107 W. Grand Blvd.</td>
<td>875-8100</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobocman &amp; Lawrence</td>
<td>20105 W. 8 Mile Road KE</td>
<td>1-3636</td>
</tr>
<tr>
<td>Van Reynend, Dirk</td>
<td>20560 Balfour Road</td>
<td>866-2163</td>
</tr>
<tr>
<td>Vogel, Charles J.</td>
<td>101 Park Ave. Bldg.</td>
<td>1-8830</td>
</tr>
<tr>
<td>Volk &amp; London, Architects,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ward, Ray F.</td>
<td>18079 James Couzens</td>
<td>1-9035</td>
</tr>
<tr>
<td>Waronoff, Abraham</td>
<td>10205 W. McNichols</td>
<td>861-5991</td>
</tr>
<tr>
<td>Warren, Roderick E.</td>
<td>67 E. Warren</td>
<td>1-9776</td>
</tr>
<tr>
<td>Webster, Morris</td>
<td>18353 W. McNichols</td>
<td>5-5085</td>
</tr>
<tr>
<td>West, Robert J.</td>
<td>906 Francis Palms Bldg.</td>
<td>1-0219</td>
</tr>
<tr>
<td>Wheeler, Becker &amp; Assoc.</td>
<td>1210 David Stott Bldg.</td>
<td>2-2695</td>
</tr>
<tr>
<td>Williams Bros., Elmhurst</td>
<td>TO 5-1013</td>
<td></td>
</tr>
<tr>
<td>Otis Winn Architect &amp; Co.</td>
<td>524 Michigan Bldg.</td>
<td>1-8288</td>
</tr>
<tr>
<td>Wright, Clifford N., Assoc.</td>
<td>11915 Schoolcraft</td>
<td>8-5965</td>
</tr>
<tr>
<td>Wae Yee Associate</td>
<td>20014 James Couzens</td>
<td>432-4545</td>
</tr>
<tr>
<td>Yokom, Robert W.</td>
<td>2388 Dime Bldg.</td>
<td>963-4060</td>
</tr>
<tr>
<td>ESCANABA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arntzen, G. 820 S. 16th St.</td>
<td>ST 6-3301</td>
<td></td>
</tr>
<tr>
<td>ESSEXVILLE</td>
<td>Humphrey, Donald R. &amp; Kelly,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Don Jay, 1509 Woodside</td>
<td></td>
</tr>
<tr>
<td>FARMINGTON</td>
<td>Allen, John A.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>23611 Liberty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hannan, Charles D.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>32580 Grand River</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lamb, Jack L.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30936 Grand River</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Strickfaden Associates, Architect-Engineer</td>
<td></td>
</tr>
</tbody>
</table>

FERNDALE

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrams, Henry J.</td>
<td>800 Livernois</td>
<td>7-7900</td>
</tr>
<tr>
<td>Green &amp; Savin, Jr.</td>
<td>505 N. Livernois</td>
<td>5-9170</td>
</tr>
<tr>
<td>Nesmou, David W.</td>
<td>800 Livernois</td>
<td>3-4922</td>
</tr>
<tr>
<td>Perscher &amp; Jarrett</td>
<td>22720 Woodward</td>
<td>1-5967</td>
</tr>
<tr>
<td>Tilds, Paul &amp; Assoc.</td>
<td>1021 Livernois</td>
<td>8-4313</td>
</tr>
<tr>
<td>Well-Cohan Assoc.</td>
<td>800 Livernois</td>
<td>8-2929</td>
</tr>
</tbody>
</table>

FLINT

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ditmer, Ralph T.</td>
<td>436 S. Saginaw St</td>
<td>239-5824</td>
</tr>
<tr>
<td>Ellis, Arndt &amp; Truesdell</td>
<td>614 McArthur Bldg.</td>
<td>238-3645</td>
</tr>
<tr>
<td>Eubank, T. Neel</td>
<td>2764 Flushing Road</td>
<td>5-4426</td>
</tr>
<tr>
<td>Garland, Quentin</td>
<td>2501 N. Saginaw St.</td>
<td>239-9581</td>
</tr>
<tr>
<td>Gibb, Tomblinson &amp; Harburn</td>
<td>5227 S. Dort Highway</td>
<td>4-4551</td>
</tr>
<tr>
<td>Hawes, George S.</td>
<td>409 Sill Bldg.</td>
<td>4-6084</td>
</tr>
<tr>
<td>Jones, A. Charles, Assoc.</td>
<td>204 E. Second St.</td>
<td>4-6643</td>
</tr>
<tr>
<td>Kloske, Walter E.</td>
<td>514 E. Kearsley</td>
<td>4-8288</td>
</tr>
<tr>
<td>Kretchmar, J. Lauran</td>
<td>1137 N. Dye Road</td>
<td>5-1460</td>
</tr>
<tr>
<td>MacKenzie, Knuth &amp; Klein</td>
<td>Architect-Engineer,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1168 Robert T. Longway Blvd.</td>
<td>8-9089</td>
</tr>
</tbody>
</table>

GRAND HAVEN

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vander Meiden &amp; Koteles,</td>
<td>1203 Beech Tree St.</td>
<td>842-7350</td>
</tr>
</tbody>
</table>

GRAND RAPIDS

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allen, Roger &amp; Assoc.</td>
<td>1126 McKay Tower</td>
<td>6-1527</td>
</tr>
<tr>
<td>Benjamin, Adrian T.</td>
<td>424 Murray Bldg.</td>
<td>9-5782</td>
</tr>
<tr>
<td>Colton, Hornbach &amp; Steenwyk</td>
<td>545 Cheshire Drive, N.E.</td>
<td>365-3848</td>
</tr>
<tr>
<td>Davenport, J. G.</td>
<td>924 Grandville, S.W.</td>
<td>1-3481</td>
</tr>
<tr>
<td>Firkert, Edgar R.</td>
<td>2350 Brighton Road</td>
<td>243-3879</td>
</tr>
<tr>
<td>Gaatra, Jan T.</td>
<td>1424 Lake, S.E.</td>
<td>8-2185</td>
</tr>
<tr>
<td>Haveman, James K.</td>
<td>618 Michigan Trust Bldg.</td>
<td>1-0661</td>
</tr>
<tr>
<td>Hertel, Benjamin W.</td>
<td>1200 Gladstone, S.E.</td>
<td>5-1829</td>
</tr>
<tr>
<td>McMillen, M. Brice</td>
<td>640 Eastern Avenue, S.E.</td>
<td>241-4416</td>
</tr>
<tr>
<td>Mead &amp; Norton, 341 Michigan</td>
<td>9-5792</td>
<td></td>
</tr>
<tr>
<td>Nachtigall, James</td>
<td>222 Federal Square Bldg.</td>
<td>4-5719</td>
</tr>
<tr>
<td>O'Bryan Assoc.</td>
<td>300 E. Fulton</td>
<td>9-3151</td>
</tr>
<tr>
<td>Post, McMillen, Palmer</td>
<td>640 Eastern Avenue, S.E.</td>
<td>241-4416</td>
</tr>
<tr>
<td>Rindge &amp; Rindge, 740</td>
<td>Michigan Trust Bldg.</td>
<td>8-5295</td>
</tr>
<tr>
<td>Robinson, Campau &amp; Crowe,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>738 Michigan Trust Bldg.</td>
<td>459-4149</td>
<td></td>
</tr>
<tr>
<td>Savage, George B.</td>
<td>640 Eastern Ave. S.E.</td>
<td>2-7915</td>
</tr>
<tr>
<td>Seeger, Ralph E.</td>
<td>55 Lakeview Drive, S.E.</td>
<td>949-1723</td>
</tr>
<tr>
<td>Steketee, Chris</td>
<td>624 Murray Bldg.</td>
<td>9-2693</td>
</tr>
<tr>
<td>Van Allsburg &amp; Koprowski</td>
<td>345 State St. S.W.</td>
<td>451-2909</td>
</tr>
<tr>
<td>Welch, Kenneth C.</td>
<td>924 Grandville, S.W.</td>
<td>1-3481</td>
</tr>
</tbody>
</table>

July, 1967 | 11
FIRM ROSTER
ARCHITECTURAL OFFICES IN MICHIGAN

Wold & Bowers, Architects, Inc.,
345 State St., S.E. ................. 451-0785
Zillmer, Carl H., 300 Fulton St., S.E. ...... GL 9-3151

GRANDVILLE
DeWinter, Marvin J., 3004 Wilson Ave. .......... LE 4-1931

HARRISVILLE
Raseman, Richard P. ..................... 724-6245

HAZEL PARK
Templin, Ernest, 22231 John R. .......... LI 6-6066

HIGHLAND PARK
Bagley, Alfred J., 116 Tennyson ........... TO 8-5960
Trout, Alexander L., 141 Puritan .......... TO 8-5314

HOLLAND
Kammeraad & Stroope, 788 Columbia Ave ...... EX 6-6953

INKSTER
Comprehensive Architects & Engrs.,
1383 S. Inkster Road ................... LO 5-6297

JACKSON
Gildersleeve, Forrest A., 1503-04 Reynolds Bldg. \ ST 2-5010
Hambly, C. E., 611 Fourth St ............ ST 4-0118

KALAMAZOO
Diekema, Gerald E., 211 Woodward Ave. ........ FI 3-4641
Futymoski, Peter J., 3050 Angling Road .......... FI 2-2929
Louis C. Kingscott & Assoc., P.O. Box 671 .... FI 3-2657
Prince, Richard, 1218 S. Park .............. FI 2-7818

LANSING
Ackley, Clark R., 1811 E. Michigan .......... IV 7-5424
Black, Kenneth C., Assoc., Inc.,
715 Stoddard Bldg. .......................... 484-3217
Freeman & Smith, 831 North Washington Ave. .... 482-0418
Hartwick, Bruce M., Associates,
5025 W. Saginaw St. ...................... 372-3248
Holmes, Warren, Co., 820 N. Washington Ave. ...... 4-9428
Krauss, Karl, Jr., 215 South Grand Ave. ........... 482-3982
Laitala & Nuechterlein, 600 Hollister Bldg. .......... IV 4-1435
Manson, Jackson & Kane, Inc., 520 Cherry St. .......... 484-1311

EAST LANSING
Mayotte-Webb, 201 1/2 E. Grand River ......... ED 7-6206
Monson, O. J., Assoc., 1110 S. Pennsylvania ...... IV 2-1261

LINCOLN PARK
Isler, Robert H., 485 Southfield Road ........ WA 8-0366

LIVONIA
Champlin, R. Darrow, & Associates,
30475 Hathaway Avenue ............. GA 2-7188

MENOMINEE
Blacklock, Charles B., & Robert E. Schwartz,
Gjelsteen, Harry W., 113-6th Avenue ........ UN 3-2811

MIDLAND
Dow, Alden B., Assoc., Inc., 315 Post St. ........ TE 5-6761
Hallet, Jackson B., 110 E. Grove St. .......... 855-2722
Pereira, P. R., 5809 Foster Road ............. TE 5-7711
Warner, Francis E., 5012 Campau St. .......... TE 5-4597

MONROE
Dunbar & Dunbar, 9 S. Monroe ................ CH 1-2511
Gustafson, Robert G., 15 1/2 E. Front St. ........ CH 1-6761

MT. CLEMENS
Daniell, G. R., & Assoc., 36001 Harper .......... 468-2626
Pottle, John L., Assoc., 14 Bellevue .......... VL 9-0169

MT. PLEASANT
Wakely-Kushner-Wakely Assoc., 210 E. Broadway ... 772-2811

MUSKEGON
DeVries, Bernard J.,
615 Hackley Union Natl. Bank Bldg. ........ PA 2-3626
Magnuson & Sumner, 354 W. Clay Ave. .......... PA 2-2791
Valentine, E. E., 99 W. Apple ................ PA 2-2895

NILES
Boiler, Jack L., & Assoc., 215 Broadway .......... 683-2299
Duffield, Edward R., 323 N. Fourth ............ MU 3-4090
FIRM ROSTER
ARCHITECTURAL OFFICES IN MICHIGAN

OAK PARK
Bery-Klei & Assoc., 8440 Nine Mile Road LI 2-2163
Dolgner, Rollason & Rokicki, Architects & Engineers, Inc.,
10440 Nine Mile Road LI 2-2163
Goldfarb, Joseph, 24220 Rensselaer LI 5-8631
Hardy, Jack L., 10460 W. Nine Mile Road LI 3-5600
Hassan, Fuad S., 13381 Woodvale St LI 6-9754
Kilgore, James A., 14560 Northfield Blvd. LI 6-1878
Lifshay, Morris A., 24140 Marlow Ct. LI 6-8588
Pastor, Nicholas S., 10160 W. 9 Mile Road JO 6-7938
Savage, Gilbert W., 13650 W. 8 Mile Road LI 8-8189

OKEMOS
Olds, J. Wesley, Architect, The Bank Building, ED 2-1368

PLYMOUTH
Balogh, Tivadar, 49800 Joy Road GL 3-2400
Joseph & Orbach Assoc., 320 S. Main St. 453-6330
Pine, Harold E., 12950 Dunn Ct. GL 3-1720
Smith, William P., Jr., 15560 Robinwood GL 3-1131

PONTIAC
Denyes, Harry M., Jr., Assoc., Inc.
615 Community National Bank Bldg., FE 8-0409
Friedman, Jack S., & Assoc., 1715 S. Telegraph. 335-0501
Frankenfield, William G., 2425 S. Joseph 682-1613
Heenan, George A., 182 N. Saginaw St. FE 2-1622

PORT HURON
Weth, Harman & Assoc., Inc., 407 Fort St. YU 2-9523

ROYAL OAK
Ditchy, Clair W., & Assoc., 1232 S. Woodward LI 8-4200
Lytie, George D., 2300 N. Woodward LI 7-8280
Millay, William H., 1129 S. Woodward LI 2-9640
Smith & Smith Associates, 4268 N. Woodward LI 9-1710

SAGINAW
Allen, Samuel C., 603 Bearinger Bldg. PL 5-8711
Beach & Waters, Architects, 1023 S. Jefferson 753-1408
Frantz, Robert B., FAIA, 326 N. Washington PL 2-8133
Prine-Toshach-Spears, Architects & Engineers, Inc.
700 Federal 754-6551
Spence, James A., 1241 N. Michigan Ave. 753-3401
Wigen, Titknecl & Assoc., Inc., 1016 N. Michigan Ave. 753-2488

ST. CLAIR SHORES
Brauning, Fred., & Assoc., 22613 Revere PR 1-1080
Freeman, Michael, 28828 Jane KE 2-4796
Wakely-Kushner Assoc., Architects, 21429 Mack PR 8-8822

ST. JOHNS
Pardee, St. Clair, U.S. 27 at McConnell 224-3991

ST. JOSEPH
McGrath, D. J., & Assoc., 615 Broad St. YU 3-6305

SOUTHFIELD
Conn, James W., 30855 Southfield Road MI 6-5005
Pellerin & Daubresse, Assoc., 18317 Westover EL 6-1995
Sundberg-Ferar, Inc., 24469 W. 10 1/2 Mile Road EL 6-8600
Tuttle, Edward X., Jr., 30801 Northgate Drive MI 6-9772

TECUMSEH
Smith, Andrew J., 106 E. Chicago Blvd. 504

TRaverse CITY
Cornwell, Gordon, 401 E. Front St. 946-7711
Field, Harford, & Assoc., Architects,
148 E. Front St. WI 6-7116
Hazelton, Paul A., Grand View Parkway WI 7-7318
Stiffler, David L., 717 S. Union St. WI 6-7858
Strong, Drury & Cunningham
304-305 State Bank Bldg. WI 6-7745

VERMONTVILLE
King, Christopher, Vermontville Hwy. CL 9-3295

WARREn
Berklich, Louis, Arch. & Assoc., 32480 Mound SL 5-1050
Blann, William T., 22000 Ryan Road SL 8-6345

WAYNE
Van Reyendam, Dirk, 3911 Newberry St. PA 2-0515

WYANDOTTE
Bassett, George J., 3042 First St. 282-5606
Wilson, Carlisle, 211 Biddle AV 2-1233
Yops, Jack W., 3005 Biddle 285-1924

YPSILANTI
Gerganoff, R. S., 206 N. Washington HU 2-0083
Gerganoff, Z. T., 103 W. Michigan Ave., HU 2-0028
Swartz & Morhous, 512 W. Cross HU 3-4332

Editor's Note: Please advise the Monthly Bulletin office of any corrections or additions to this Roster.

July, 1963 | 13
PROGRAM
Michigan Society of Architects

20th MID-SUMMER CONFERENCE

GRAND HOTEL, MACKINAC ISLAND
August 1, 2, 3, 1963

THURSDAY, AUGUST 1
10:00 to 5 P.M. Registration Begins, Main Lobby
Men $15.00, Ladies Free
12:15 P.M. Lunch, Main Dining Room
2:00 P.M. Fun in the Sun
6:30 P.M. Reception, West End Hotel Porch
Sponsor: Modu-Wall (and their Agents)
7:00 P.M. Dinner, Main Dining Room
10:00 P.M. Dancing, Terrace Room
12:00 to 2 A.M. Snack Bar, Golf Course

FRIDAY, AUGUST 2
8:00 A.M. Breakfast, Main Dining Room
8:00 A.M. MSA Board, Breakfast Meeting
10:00 A.M. MSA Business Meeting, Club Room
10:00 A.M. Registration Continues
10:30 A.M. Ladies' Get-Acquainted Coffee Hour
12:15 P.M. Buffet Luncheon
Speaker: William J. Johnson
Landscape Architect
2:00 P.M. Golf Tournament, Men and Women

SATURDAY, AUGUST 3
8:00 A.M. Breakfast
10:00 A.M. Golf Tournament Continues
12:15 A.M. Lunch, Casino Room
Speaker: Glen Michaels
Architectural Sculptor and Muralist
7:00 P.M. 20th Annual Mid-Summer Conference Banquet
Sponsor: Valley Metal Products Company
Restaurant: Roger Allen, F.A.L.A.
Speaker: Montgomery Ferar, Industrial Designer
Dancing, Terrace Room
Snack Bar, Golf Course

CONFERENCE COMMITTEE:
Robert W. Hammerschmidt, A.I.A., Chairman
S. A. Nurmi, A.I.A., Vice Chairman
Mrs. Bruce H. Smith, Women's Activities
Marvin Brokaw
Frank E. North
Charles J. Mock
James B. Hughes, A.I.A.
William J. Johnson

William J. Johnson, partner in the firm of Johnson, Johnson and Roy, Ann Arbor, is also associate professor of landscape architecture at the University of Michigan. A graduate of Michigan State University with a bachelor of science in landscape architecture, he also holds a master's degree in landscape architecture from Harvard University. He has been associated with Sasaki & Associates, Watertown, Massachusetts; a member of the firm of Eichstedt-Johnson Associates, Detroit; and a principal in the firm of William J. Johnson and Associates. He also served Harvard University as a special instructor. Among academic honors, he has received the ASLA Certificate of Merit from Michigan State in 1953; the Alumni Award (MSU) in 1958 and the Charles Eliot Traveling Fellowship from Harvard in 1958.

Glen Michaels

Glen Michaels, architectural sculptor and muralist, has been supervisor of the Young Peoples Art Center at Cranbrook Academy of Art, Bloomfield Hills, for the past five years. He has completed major assemblage-murals for Bulova Watch Company, Continental Canning Company, New York City, and the Chase Park Plaza Hotel in St. Louis. The hotel mural, located in the new lobby, is 32 feet long, of tile, shale and wood. When viewed by Arthur Rubenstein, the great pianist commented, "Noble . . . with the rhythmic sweep and beauty of the sea." Michaels' smaller works are included in several important collections. Though praised by John Cannady, New York Times art critic, as one who uses the current plastic materials in a valid way, he is at present involved in experiments with traditional materials, such as bronze and paint.

Montgomery Ferar

Montgomery Ferar and his partner, Carl Sundberg, were recipients of the Gold Medal Award presented by the American Institute of Architects at its 1962 national convention. This recognition for "superiority in developing outstanding elegance and commodity for a large variety of designs to be executed by the machine" represented a milestone to the 26-year career of the design team from Southfield, Michigan. The Gold Medal, considered top honor in the field of industrial art and design, capped the following series of recognitions that have come in recent years to Sundberg-Ferar: The Industrial Design Institute Award in 1959 for the IBM Ramac computer; the 1960 Product Design Magazine award for Sperry-Rand marine navigational equipment; and the Industrial Design Institute Award for the Tower Capri typewriter made by Remington-Rand.
Roger at Random

an interview with Roger Allen, FAIA
Architect, newspaper columnist, lecturer, civic leader AND
the banquet toastmaster at the upcoming MSA Mid-Summer
Conference, Roger Allen is quite a guy. He is a delight to
interview. Conversation flows, jumps and skips about over
his newspaper days, meetings with Frank Lloyd Wright, the
state of humor in America, where MSA might hold its an­
nual conventions, growing status of women, the essence of
beauty, what's wrong with planned cities, and that wonder­
ful definition of a camel—"a greyhound designed by a com­
mittee."

Re: Frank Lloyd Wright, Roger Allen tells of their first
meeting at an AIA convention in Grand Rapids. Both
were on a banquet program, Wright as main speaker, Allen
as toastmaster. The occasion was long before Roger had
gained his purs as a public speaker and his nervousness
showed ... to the point where his dinner went untouched.
Mr. Wright took a paternal interest in this nutritional lack
and advised, "At
least eat your fish. The Japanese exist on
fish and they're the most amorous of people."

"Don't speak to me of love at a time like this," Roger
retorted.

Months later the two met again at a New York meeting.
"I remember you. You're the wit," said Mr. Wright.
"You're (W) right," said Mr. Allen.

Another meeting, this time in Scottsdale, Arizona, saw the
two men in a conversational interchange just outside the
famed Lulu Belle Saloon. "Going in to admire your
favorite Victorian architecture, Roger?"

Reply: "Nope, going in to let a favorite waitress admire
Victorian me!"

Wright was forever urging one and all to omit ice from
their tall drinks, claiming that ices causes one to "miss the
fine flavor of whiskey."

"Not for me," Roger says. "I want to miss the fine flavor
of warm water."

There were no architectural compliments from Wright
unless the architect had been dead at least 50 years, accord­
ing to Roger. However, his own office wall with its framed
note from the famed FLW does give proof of a personal
compliment. "My dear Roger, You said all this very well
... in your own way ... good way, too. I like you. Come
see. (signed) Frank." The accolade is dated June 2 '53.

Roger, who was 71 on June 23, began his architectural
career right after high school as an apprentice in his
father's office. This was in 1921. About ten years later
when the depression hit the depths, Roger abandoned
architecture for the time to join the staff of the weekly
Grand Rapids Chronicle. His title was "columnist". He
also wrote jokes on a free-lance basis and sold them for
$2 each, most to the old "Judge" magazine. He soon was
named assistant editor, then quickly was made editor. As
such he was the entire newspaper staff.

After three years at the weekly, he moved over to bureau
work and was named Grand Rapids chief for International
News Service. This was hard-core news coverage, with no
set hours and no limits on night work or 24-hour stints.
"See for yourself" was the motto in those days. He cites
one example of seeing for himself and not being able to do
a blasted thing about what he saw.

A son of a Grand Rapids mother was sentenced in New
York to die for killing a policeman. The mother went to
NY's Gov. Lehman to plead for clemency for her "mis­
chievous boy." On her return, and because the plea was
turned down, she was reported to be white-haired from
grief. "Only a dye job growing out" was the young INS
reporter's conclusion. "But I couldn't or wouldn't say so in
print—not in those days."

From INS, Roger Allen joined the staff of an amusement
park as press agent for its stage shows. One troupe playing
the first summer starred one Danny Kaye. Although not
Mr. Kaye's doing, Roger's job soon flipped from getting
stories into the paper to trying valiantly to keep them OUT.

July, 1963 | 17
Back to architecture in 1935, he re-opened his office with a job in hand from the Ionia school board. He's been in practice ever since. He's been the architect at Central Michigan College for 23 years, has designed all but one of the buildings at Ferris Institute, and designed the Grand Rapids Public Museum, the St. Thomas the Apostle Roman Catholic Church of Grand Rapids, The Grace Episcopal Church of Holland and many others.

His honors are many. The Michigan Society of Architects awarded him its Gold Medal in 1954. The accompanying citation, in part, states "...In the conduct of your architectural practice, in your continuing interest in your professional organizations, in your use of your abilities as a speaker and as a writer and in your unstinting concern with the affairs of your community, you have given to the architectural profession prestige, respect and an example which all might follow..."

Central Michigan College honored Roger Allen in 1956 with an honorary Doctor of Laws Degree. The author of this citation obviously knew his subject well.

After enumerating Roger's best known architectural works, his service to MSA as president and his election as a Fellow of the American Institute of Architects, the citation states, "Roger Allen's personality as well as his professional skill reflects his deep inner harmony. His social concern is tempered by a kindly wit and a gracious affability; he works heartily with the many diverse interests found in any community, civic, religious, or academic. Responsive to civic demands, he has served his home city of Grand Rapids unostentatiously but effectively. Red Cross, Community Chest and Villa Maria, a Catholic home for girls, request and receive his unflagging assistance. He is also Lay Reader in the Episcopal Church and Architectural Consultant to the Episcopal Diocese of Western Michigan.

"John Ruskin, in Stones of Venice wrote, 'We require from buildings, as from men, two kinds of goodness: first doing their practical duty well; then that they be graceful and
pleasing in doing it. Truly, Roger Allen's buildings and his life symbolize the symmetry and harmony of utility and pleasing grace."

A brief quote from the citation presented with the honorary degree, Doctor of Science, bestowed by Ferris Institute includes these words, "... Seldom has one architect contributed so much to the physical appearance and design of a college campus as has this man. Yet more significant is the fact that his personal sensitivity and acumen has been such as to perceive the fundamental and unique character of this time-honored college and translate these spiritual qualities into tangible and attractive vessels of service in a distinctively effective manner."

Your reporter should add that these citations were lifted quickly from RA's office wall for a fast copying job by his secretary.

Free-wheeling and light-hearted, Roger talks of his favorite and un-favorite cities. Never again will he visit Los Angeles where friends espouse the merits of grand and glorious Forest Lawn. "I'll not audition any more cemeteries," he states. San Francisco is THE city, to his way of thinking, and more interesting and more beautiful than Paris or Rome.

On beauty in buildings, he says the owners must want beauty and adds a hearty amen to the statement "the best client makes the best building." He adds that taste must be elevated to heighten owner appreciation of beauty. This is done by education, and most of this must come from and be done by women, although responsibility for ugliness most certainly rests with everyone.

Roger talks of the American veneration of bigness and relates that 75% of the architectural work in the nation is done by staffs of four or less. To him, a 15-man staff is the ulcer point in office operation. He himself enjoys close contact with all job phases, talking to contractors, subcontractors, sub-subcontractors, and all people associated with a job. His office is responsible for $8-$10 million worth of buildings per year.

Roger Allen's speech-making has taken him all over the country. Women make up his favorite audiences. The reverse side of the coin is the all-male luncheon meeting, with most of the members present to sell insurance or to grab a potential customer for some hot deal. Roger spots hostility pretty fast in an audience, as can any speaker, and can usually point out the four or five who are charged with automatic hatred for speakers.

One of his favorite speech gambits used to be the exploration of the theory that the world would soon be overrun by wire coat hangers. This premise was revamped to: "The world would soon be overrun by women, who are a lot more fun than wire coat hangers."

Roger Allen's concern for architecture is proved by his qualifications for the ideal architect. "He must be more concerned with people than buildings. He must know how buildings affect people. Buildings are not machines but tools that provide environment for education, healing, worship, commerce and the delightful business of living. Many architects are only stage designers. Architects must know how people function. Buildings must help people do something, if they don't, they aren't worth a dime."

The Michigan Society of Architects, Roger believes, should move its annual conventions around the state, meeting under the auspices of different chapters. "It would make for stronger chapters and better members." He also believes that the health of the American Institute of Architects and the Michigan Society of Architects is pretty good. "They both serve, with distinction, members of a highly individualistic profession ... none is more so. It's also a tolerant profession. Architects, generally speaking, listen to opposition without getting angry."

Life in these United States is distinguished, according to Mr. Allen, by a bit of looking down the nose on humor and humorists. "Many think humor is inferior when really there is not enough of it in the world, or in architecture either. People take themselves too seriously."

In addition to his "Fired at Random" column, which has
appeared in the Grand Rapids Press since the early 1940’s. Roger has also been head man on a 13-week radio series. A recording of one of the shows found its way to Variety, the bible of show business, which labeled his “dry style.” Allen’s crinkly reply: “Who wants to be wringing wet?”

“Fired at Random” has become a Grand Rapids classic. Roger likes staying up late to write it (six nights a week) and is pleasantly devoted to the loneliness of writing. His favorite compliment from a reader stated, “I read your column right after the obituaries.”

His column has a namesake, a racehorse born at stables owned by his long-time friends Charles and Thomas Reilly. They sent out a birth announcement reporting, “It’s a Boy! Weight—100 pounds.” The idea for the name originated some three years ago, but had to wait until a colt was born since the American Jockeys’ Association deemed “Fired at Random” most unfitting for a filly.

Those who’ve known Roger Allen a long time say he hasn’t changed much over the years. True, he’s down to a slim 132 pounds, thanks to a strict dieting regime enforced after an emergency appendectomy. He took off 60 pounds in six months. Costliest part of the program resulted in a closet containing 6 dinner jackets, including a pink one to puzzle audience members who linger too long over cocktails and expect to see white on the speaker of the evening.

Being 71 has many assets in his eyes. Not one of the lesser ones is that people have dropped telling him hearing aid stories in favor of old man jokes. N. H.


Excerpts from recent “Fired at Random” columns...

Supreme Court justices do not have the authority to officiate at wedding ceremonies. The late great Justice Oliver Wendell Holmes once explained why. “Getting married,” he said, “is not considered a federal offense.”

I heard about a minister’s new secretary who had formerly worked in the pentagon. He set about reorganizing the minister’s filing system. She marked one drawer “sacred” and the other one “top sacred.”

A philosopher is a fellow who figures it’s better to have hard luck than no luck at all.

That scientist has succeeded in his efforts to teach a monkey to smoke. And if the monkey has any gratitude, he’ll teach the scientist how to quit.

“He had a terrible disappointment,” said the voice from the next room. “He bought his boy a $150 space suit and then the kid wouldn’t go.”

One of the many disadvantages of being a boss is that you have to get down early to find out who came down late.
MERCIER BRICK CO.
DEARBORN, MICH.
MANUFACTURERS OF
AUTOCLAVED
LIGHTWEIGHT
•
MEDIUM WEIGHT
SLAG
AND
CONCRETE
BLOCK

Distributors of:
Glazed Brick, Structural Facing Tile, Acid Brick, Face Brick, Floor Brick, Quarry Tile, SPECTRA-GLAZE and a complete line of Refractories in the Metropolitan Detroit Area.

Turner Engineering Company
DEPENDABLE ELECTRICAL CONSTRUCTION FOR 46 YEARS

464 Brainard Street
DETOIT 1, MICHIGAN
TEMPLE 1-0470

JOHN H. FREEMAN COMPANY
specification assistance
✓ Distributors
✓ Builders’ Hardware
✓ Contractors’ Supplies

3627 CASS at BRAINARD
DETOIT 1, MICHIGAN
TEMPLE 1-6760

TWO BIG ONES FOR DETROIT!

... and two more jobs for Glanz & Killian, Detroit’s fastest growing Mechanical Contractor.

Architects:
Minoru Yamasaki and Associates
and
Smith, Hinchmann & Grylls Associates

Architects & Engineers:
Harley, Ellington, Cowin & Shirton, Inc.

MICHIGAN CONSOLIDATED GAS CO.

DETOIT BANK & TRUST CO.
SAMPSON HEADS WESTERN MICHIGAN
At a meeting on May 27th, the Western Michigan Chapter, A.I.A. unanimously elected Claude D. Sampson, of Jackson, to the presidency of the chapter. Sampson will fill the office for the balance of the term of Robert C. Smith who resigned. George W. Sprau had been acting president pending this election.

By resolution, the chapter supported the efforts being made to correct conditions of urban decay in the City of Kalamazoo and offered recommendations for consideration by the City and its Planning Commission.

Program for the evening included a talk by Lyndun Welch of Eberle M. Smith and Associates on the architectural and engineering aspects of arriving at structural decisions.

The June meeting of the Chapter focused on "General Aspects of Planning" with representatives of the Kalamazoo City Plan Department taking part in the discussion. It was stated that the City of Kalamazoo had accepted the recommendations of the Chapter proposed at the previous meeting.

DETROIT BOARD ENDORSES EQUAL OPPORTUNITIES
Upon the recommendation of the Committee on Chapter Affairs, the Board of the Detroit Chapter, A.I.A. adopted the following resolution at its meeting on June 13, 1963:

Resolved: The Detroit Chapter of The American Institute of Architects endorses the principle of full and equal civil liberties and employment opportunities to all without discrimination based on national origin, race or creed.

Notice of the adoption of this resolution has been sent by Philip J. Meathe, Chapter President, to various interested organizations and agencies.

ALDEN DOW RENAMES ARCHITECTURAL FIRM
Alden B. Dow, Inc., Midland architectural firm, has announced a change of company name to: Alden B. Dow Associates, Inc., Architects. The change was effected June 1. The new designation was made necessary by continuing expansion and diversification of the firm, founded by Dow in 1933. During its thirty year history, the Dow firm has carried out design projects, or now has buildings underway, in almost every region of the United States. The executive organization now lists Alden B. Dow, FAIA, as president; H. C. Allison, AIA, vice president and treasurer and Vincent T. Boyle, AIA, vice president and secretary.

AIA AWARDS TO MICHIGAN FIRMS
At the Awards luncheon held during the recent AIA Convention at the Americana in Miami Beach, two Michigan firms received honor awards for outstanding design accomplishments.

In the Institute’s Honor Awards Program, a First Honor Award was presented to Ralph M. Parsons Co., Los Angeles, Calif., Architects and Engineers and Minoru Yamasaki, FAIA, Consulting Design Architect, Mich., for the Dhahran International Air Terminal, Dhahran, Saudi Arabia. (This building was shown in our May issue and its construction was illustrated by Mr. Yamasaki in his talk to the joint Student-Chapter meeting, May 15th.)

Sponsored jointly by the Institute, the American Library Association and the National Book Committee, seventeen U.S. Libraries received awards in the first Library Buildings Awards Program. One of these, an Award of Merit, was given for the West Bloomfield Township Library, Orchard Lake, Mich. to Frederick Stickel & Associates (formerly Stickel, Jaroszewicz and Moody), Birmingham, Mich.

$1,500 SCHOLARSHIP AWARDED BY FLINT
The Flint Area Chapter, A.I.A. has awarded a $1,500 scholarship to Willis E. Anderson of Owosso. Anderson is the first recipient of the Chapter’s new scholarship program to encourage talented young people of the area who are interested in becoming architects. The scholarship will cover tuition costs at U. of M’s College of Architecture and Design where Anderson will begin the five-year course in Architecture, this fall.

Ranking tenth in a graduating class of 272 at Owosso High School, Anderson was selected from applicants from high schools in Genesee, Shiawassee and Lapeer counties. His outstanding high school record, besides scholastic honors, includes membership in the Varsity "O" Club; participation in football, basketball and track; terms as president of the Latin Club and secretary of the JETS Club and chairing committees for various student activities.

GRAND VALLEY CHAPTER RECESSES TILL FALL
Members of the Grand Valley Chapter, AIA, enjoyed a purely social evening at their June 25th meeting. Convening at Spring Lake County Club, the group boarded the "River Queen" for a two and one-half hour cruise on Lake Michigan, with cocktails aboard, compliments of the Johnson Boiler Co. The cruise was followed by a buffet dinner served at the Club. This meeting was the last until the fall season.

Planned for the coming months are a Charter Banquet to be held in September and a tour through the Haven-Busch Steel Fabricating Plant in October. The Charter Banquet will celebrate the formation of the Grand Valley Chapter and a memorable evening is anticipated.

July, 1963 | 23
CONSTRUCTION SAFETY
BILL BECOMES LAW

Now in effect in the State of Michigan is a construction safety bill—called "Substitute" H-47. The Act provides that construction firms and contractors who are subject to the Workmen's Compensation Law (who employ three or more people) must register with a Construction Safety Commission annually. There is a $35 registration fee. Proceeds go to the general fund. Each year, as part of its general appropriation bill, the legislature is to appropriate the operating budget of the Commission. However, the appropriation cannot exceed the total income from contractor registration. A total of $147,000 has been appropriated for the first year operation of the Commission.

The Construction Safety Commission will have five members appointed by the Governor with the advice and consent of the Senate. Two members are to be appointed from management, two from the building trades, and one representing the Workmen's Compensation Insurance industry. The Commission will hire a director who must be a registered engineer. His salary has been set at $10,000.

Under the Act, the Commission will develop safety rules and regulations for the inspection and use of equipment, which rules and regulations must be based upon generally accepted nationwide engineering standards and practices. The Commission may also cooperate with other public and private agencies for the purpose of promoting construction safety, and may conduct regional safety programs.

In addition, the Act provides that the Commission shall establish safety ratings for all registered contractors to be determined by the ratio which a contractor's injuries bear to a statewide rate of injuries of all registered contractors. A registered subcontractor's rate of injuries shall not be used in the determination of the safety rating of the contractor for whom he works. However, as the bill is presently interpreted, a subcontractor who is not registered shall have his injuries charged against the contractor for whom he works.

Each registered contractor is required to furnish the Commission complete information showing the total number of compensable time loss injuries and the total hours worked during the preceding year. The Commission shall investigate any contractor whose safety record fails to meet minimum standards for his classification. It may also investigate alleged violations of its rules and regulations upon notification by an employee or his agent after that employee or agent has reported the alleged violations to the employer and given him a reasonable length of time in which to correct the alleged violation. The only penalty spelled out in the law is a misdemeanor penalty against a contractor who fails to register with the Commission or fails to renew his registration.

There seems to be no question but what this is a bill with which management can live. With the 100 per cent compliance and cooperation of industry, the Bill can implement the effectiveness of the programs carried on by the Construction Division, Michigan Safety Conference.

It should be emphasized that the Bill has been written with this purpose in mind, and that only through the whole-hearted cooperation of the industry, can the Bill, as it's written, be effective. This is important! Attempts were made this session to amend the Bill in ways we believe would have been detrimental to the industry. Should the Bill, as it's presently written, not prove effective, further attempts will be made to seek such amendments and only by demonstrating its success can we successfully defeat these amendments in future years.

In the meantime, it must be re-emphasized that the cooperation of every single contractor in the state subject to the act is important if we are to maintain what is generally conceded to be a Bill favorable to the aims and objectives of the industry as expressed through the Construction Division of the Michigan Safety Conference.

NESMOUR OFFICE MOVED

David W. Nesmour, AIA, Architect, has moved his office from 20109 West Eight Mile Road, Detroit, to 800 Livernois, Ferndale 20. The firm's new telephone number is 543-9229.
NEW SAFETY PROGRAM ANNOUNCED BY AGC

An intensified safety program for the construction industry has been announced by the Associated General Contractors of America, whose 7,500 member firms perform the major portion of contract construction in the United States. The AGC has maintained a continuing program to promote safety in construction for many years, but its leaders believe that a more positive approach is needed to produce the results in accident prevention which can be accomplished in the industry.

The new approach, to be known as the AGC Safety Certification Program, was announced in Washington by Charles Keller, Jr., New Orleans, president of the national organization of general contractors. The principal objectives of this program are:

To establish positive evidence of effective self-policing of safety activities by the construction industry.

To set definite goals for reducing disabling injuries on the job site.

To give proper recognition to AGC member firms achieving these goals.

"In other words," Mr. Keller says, "the AGC wants its members to be able to prove that they are safe contractors. We plan to accomplish this by conferring annual safety recognition certificates upon our contractor members who carry out an approved safety program in their operations. We intend to conduct this program with increasing intensification—that is, by progressively better goals of construction safety.

NEW OFFICE OPENED BY G. E. HOYEM

Opening of a new office has been announced by Gordon E. Hoyem, P.E., consulting engineer in mechanical and electrical fields. Location is at 2480 West Maple Avenue, Birmingham. Telephone is Midwest 6-7780.

Gracious and restful vacation pleasures await you at this famous summer hotel. Picturesque views of historic Mackinac Straits from the world's longest porch . . . gaited saddle horses . . . formal gardens and championship golf courses . . . dancing, concerts, nightly entertainment . . . serpentine pool . . . romantic horse-drawn carriages . . . superb cuisine and equally fine service. All are yours to enjoy at Grand Hotel. Too, nights are refreshingly cool. You sleep under blankets. May we send you free literature?
Ever increasing emphasis on unusual shapes in modern architecture has placed new demands on the roofing industry for materials which provide a high level of positive attachment, weather resistance and decorative possibilities which are virtually unlimited.

One example of this new free form construction which is giving Michigan an exciting new look is Sacred Heart Church, now under construction in Caro. The church features a fan shape with the sanctuary at the small end and a concrete slab roof which slopes down in inverted folded plates from a peak height of 40 feet.

Sacred Heart Church, like many other buildings of modern design, will use a roofing material introduced by Armstrong three years ago especially for roofs of unusual configuration. Called F/A Roofing, the material is a fluid-applied, elastomeric roofing system which has been further improved in the past year to greatly reduce application time and provide new self-leveling qualities. It can be used for plywood as well as thin-shell concrete.

F/A Roofing employs two compounds which are used in varying proportions and are based in specially formulated synthetic rubber contents which give durability, ease of application and easy maintenance along with a wide range of colors.

The first compound, designated F/A 400, is based on neoprene and serves as a primer and base course. The second, F/A 600, is based on Hypalon and provides weatherability and color for the roof surfaces. Combined, the two compounds resist deterioration, surface cracking and discoloration under exposure to all kinds of weather.

There are no additives or residues in the system that can be drawn out by sunlight and weather. It cures into a strong, watertight membrane which cannot wash off.

Application of F/A Roofing may be accomplished by any of three methods. These include application by air-operated, pressure-fed rollers, by hand rollers and by conventional spraying equipment. The method used depends on the pitch and shape of the roof.

Because of its extreme light weight, F/A Roofing permits reduced structural dead loads. With F/A systems, the protective membrane covering a surface will weigh less than 20 pounds per 100 square feet, compared to approximately 500 pounds per 100 square feet for some conventional roofing materials.

In tests conducted by Underwriters’ Laboratories, Inc., the system successfully passed all requirements and is listed by UL as Class A over incombustible decks and Class C over plywood. Direct flame in the tests did not penetrate the F/A Roofing membrane or form openings exposing the undersurfaces of the test decks. No breaking, sliding, cracking or warping occurred.

F/A 600, the Hypalon-based weather course, is available in a range of 49 colors plus black and white and allows a high degree of flexibility for architects in color-coordinating a building exterior.

Complete information and specifications on F/A Roofing are available from Armstrong’s Building Products Division at the Free Press Building, 321 Lafayette Ave., West, in Detroit.

Galen D. Robbins, author of this article, is a sales representative for Armstrong Cork Company. Affiliated with the building products division, he sells acoustical ceilings and F/A Roofing. His territory is Detroit and the surrounding suburbs.
There will be 438,400 square feet of Mahon steel cellular sub-flooring in the new Detroit Bank & Trust Building. This is part of the “Steel Package” contract awarded Mahon which also includes complete structural steel fabrication and erection for the 28-floor Building.

Erection of the structural steel and sub-floors (Mahon type M2SR) will be sequenced to take full advantage of the M-Floors as working platforms for erection crews as well as heating, plumbing and electrical crews.

In addition to the faster erection and safer working conditions provided by Mahon M-Floors, the large capacity cells are ideal electrical raceways for power and communications lines —now and in the future. Write for catalog or see Sweet’s Files.

THE R. C. MAHON COMPANY DETROIT 34, MICHIGAN
MANUFACTURING PLANTS—Detroit, Michigan and Torrance, California
SALES-ENGINEERING OFFICES—Detroit, New York, Chicago, Torrance, San Francisco, Seattle
EMIL LORCH, FAIA

Emil Lorch, Dean Emeritus of the College of Architecture and Design, University of Michigan, died June 19th in Ann Arbor. Dean Lorch was actively associated with the School of Architecture from its founding in 1906 until his retirement in 1936. He was later made Dean Emeritus and was awarded an honorary Ph.D. from the University during the School of Architecture's 50th anniversary celebration in 1956.

A long time member of AIA and MSA, Dean Lorch served on the Registration Board, helped form the Association of Collegiate Schools of Architecture and the National Council of Architectural Registration Boards, was active in the Society of Architectural Historian and the National Trust for Historic Preservation. He was awarded the Gold Medal of the Detroit Chapter in 1956 and the Michigan Society of Architects in 1957.

During an interview for the profile which was published in the April, 1963 issue of Monthly Bulletin, Dean Lorch stated, "My whole career in a nutshell was setting up the architecture program here at the University. It was a complex process, but I had the chance to build something from the ground up."

A memorial service for Dean Lorch was held at St. Andrews Episcopal Church, Ann Arbor on Tuesday, June 25th. Contributions to the Emil Lorch Architectural Scholarship Fund may be sent to the University of Michigan.

ARCHITECTS INVITED TO EXHIBIT AT CONVENTION

Invitations are out to architects to participate in the second joint convention of the Michigan Association of School Boards and the Michigan Association of School Administrators. Exhibition of educational designs at the September 11-12 meeting is being sought by R. George Wood, exhibit manager, 19125 Hillcrest, Birmingham, Michigan (phone: 616-4805). The convention, held this year at Cobo Hall in Detroit, draws attendance of board members, superintendents, business managers from 700 Michigan school districts. Invited guests include key personnel from private and parochial schools.

PARTNERSHIP FORMED

Bruno Leon, AIA, and John Loss, AIA, have announced the formation of a partnership for the practice of architecture. The firm will be known as Leon and Loss with offices at 7422 Challontte, Detroit 38. Telephone number is 861-6475. Both Leon and Loss are members of the faculty of the Department of Architecture, University of Detroit. Leon is Chairman of the Department and is currently serving as a Director of the Detroit Chapter.

SPECIFY A GREEN LAWN... for your next commission

INCLUDE

Permanently installed Buckner sprinkler systems or hose sprinklers are providing better looking, easier to maintain turf for leading building areas all over the world. In your next commission insist on genuine Buckner sprinklers, key to successful irrigation.

- Plans and specifications available to architects and engineers.

SPRINKLER IRRIGATION SUPPLY COMPANY
1316 N. CAMPBELL RD. ROYAL OAK, MICHIGAN
"Serving With Integrity Since 1925"

SUPERIOR MARBLE SERVICE

...Obtain the world's finest domestic and imported marble and granite, including MARKWA® thin marble tile — plus detailed information and expert technical assistance by contacting —

THE DETROIT MARBLE CO.
Representative of the Vermont Marble Company, Proctor, Vermont, world's leading producer and fabricator of foreign and domestic marbles.
14256 Schaefer Rd., Detroit 27 Phone: 273-7008
Brick is the building material which offers the architect a double answer to his problem of wall texture. Each individual brick has a texture of its own providing subtle shadings and patterns on even a plain wall mass. In addition, the very size and flexibility of brick allow the architect to design patterns and textures into the wall which are limited only by his own imagination. In texture, as with the other design characteristics, Brick is the imaginative material.
COSTS YOU NOTHING—

Saves you plenty!

ARKOTOTE

THE NEW UNITIZED PACKAGE

for Arketex Ceramic Glazed Structural Tile

Arketex ends "one-at-a-time" tile handling! All Arketex tile now comes to you in ARKOTOTE protectively wrapped, steel-strapped packages with built-in forklift inserts—at no extra cost. One man, with a simple two-wheel truck, can easily move hundreds of pounds of tile at a time. He can spot it right where it’s needed, close to the mason at the wall.

HERE IS WHAT ARKOTOTE DOES FOR YOU:

- Cuts the cost of moving tile to the site and handling it on the site.
- Cuts tile damage to the bone through individual "Box Lid" cap protectors for faces and edges—reducing the need for overage allowances in your bids, estimates and orders.

SPECIFY ARKOTEX—AND GET ARKOTOTE FREE!

Also available from Arketex—inexpensive two-wheel fork trucks used in Arketote handling. Call or write today for full details.

6T Package meets MCAA Standards for Structural Glazed Tile Package 02306*
8W Package meets MCAA Standards for Structural Glazed Tile Package 02308*
*Pending MCAA Field Approval

T IM BER  S TR U C T U R E S, I N C.

Prompt Information
Available on Laminated Materials.

950 N. Hunter
Birmingham, Michigan
MI 4-2022

AR KE T E X

CERAMIC CORPORATION
BRAZIL, INDIANA

THE PROGRESSIVE NAME IN STRUCTURAL CERAMICS

ADVERTISERS INDEX

Aerofin Corp. .................................. 5
Arketex Ceramic Corp. .......................... 30
Belden Brick Company .......................... 3rd Cover
Boice Builders Supply ........................ 22
Candler Roofing Co., Inc., J.D. ............ 24
Den Braven, M. ................................ 22
Detroit Brick & Block ....................... 6
Detroit Edison Co. ............................ 8
Detroit Marble Co. ............................ 28
Levy, Edward C. Co. ......................... 4th Cover
Freeman, John H. Co. ....................... 21
Glanz & Killian ................................ 21
Grand Hotel .................................... 25
Harlan Electric Co. ......................... 1
Mahon, R. C. Co. .............................. 27
McKinley, O. O. Inc. ......................... 6
Mercier Brick Co. ............................. 21
Mich. Consolidated Gas ..................... 2
Michigan Drilling Co. ....................... 26
Portland Cement Ass'n ....................... 2nd Cover
SMCAD ........................................ 22
Sprinkler Irrigation & Supply Co. .......... 28
Structural Clay Products Institute ........ 29
Timber Structures Inc. ...................... 30
Turner Engineering Co. ..................... 21
Wal-Lok Div. of Lenawee Peerless, Inc. .. 7
Williams Equipment Co. .................... 26
3 reasons why imaginative architectural design takes shape with Belden Brick

The design ingenuity of imaginative architects can be most effectively interpreted through the hundreds of distinctive colors, textures and sizes of Belden Brick. You'll find brick from Belden perfectly adaptable to offices, churches, schools, factories and homes. Your nearest Belden Dealer will gladly provide samples and new full color brochure.
A dozen vital industries prefer
BLAST FURNACE SLAG

Why is BLAST FURNACE SLAG preferred by all these industries? *Tested and proved superiority!* SLAG AGGREGATE is 99% free of deleterious materials... *purified in fire* at 2500 degrees. It is 100% crushed into rough cubical shapes that provide a maximum bond with mortar. SLAG soundness is unaffected by freezing and thawing. It weighs about *ten pounds less* per cubic foot than natural aggregate concrete. For asphalt, it gives greatest resistance to shoving and shear failure... yields as much as 15% more yardage per ton... has the highest factor of skid resistance of all Michigan asphalt pavements. Specify BLAST FURNACE SLAG... the Modern Aggregate that *improves on nature*.

EDW. C. LEVY COMPANY
8800 DIX AVE., DETROIT 9, MICH. • VI 3-7200

*Pioneers In Quality Aggregates*