

# MONTHLY BULLETIN



## MICHIGAN SOCIETY OF ARCHITECTS

*A State Organization of The American Institute of Architects*

### OFFICERS

LEO M. BAUER, President  
RALPH W. HAMMETT, 1st V.-President  
ADRIAN N. LANGIUS, 2nd V.-President  
JAMES A. SPENCE, 3rd V.-President  
PETER VANDER LAAN, Secretary  
JOHN O. BLAIR, Treasurer  
TALMAGE C. HUGHES, Executive Sec.

TALMAGE C. HUGHES, F.A.I.A., Editor  
THEODORE G. SEEMEYER, JR., Adv. Dir.  
120 Madison Avenue, Detroit 26  
Woodward 5-3680

### DIRECTORS

ALDEN B. DOW  
SOL KING  
CHARLES B. MCGREW  
CARL J. RUDINE  
LINN C. SMITH  
ARTHUR J. ZIMMERMANN

Entered as second class matter January 15, 1946 at Postoffice at Detroit, Mich., under Act of March 3, 1879. Published monthly  
Subscription price \$3 per year (Members \$2). 30c per copy (Roster Numbers \$1).

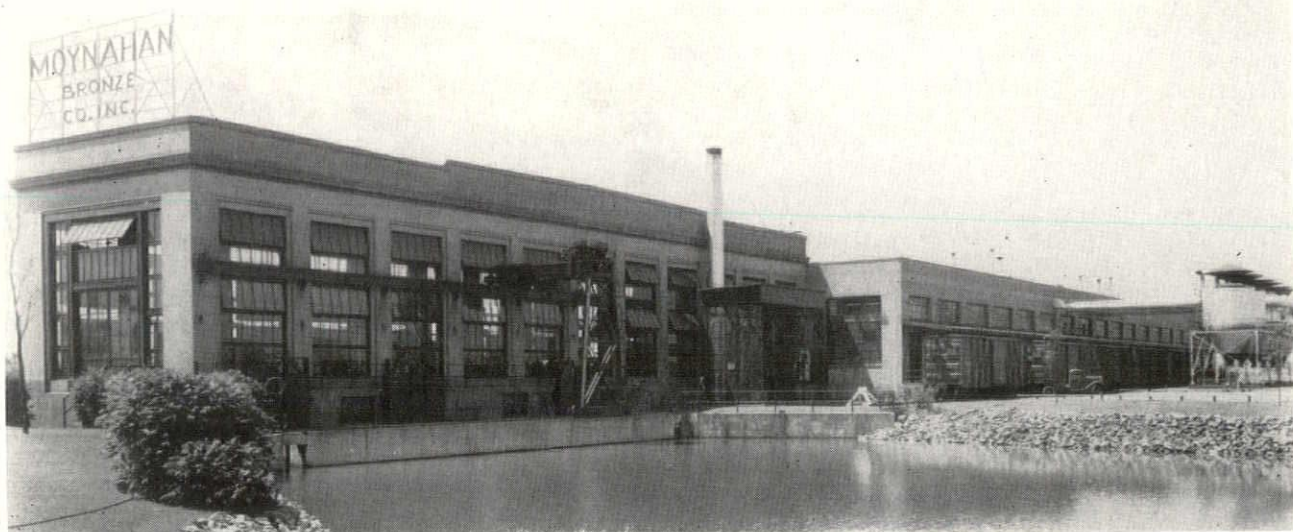
Volume 25

DETROIT, MICHIGAN, FEBRUARY, 1951

No. 2



ST. MICHAEL'S CONVENT, PONTIAC, MICHIGAN, SCHLEY AND WARD, ARCHITECTS, DETROIT



To better serve our customers we begin operations in our new plant located in Flat Rock, Michigan February 1, 1951. All the company's manufacturing, both Ornamental and Industrial will now take place in Flat Rock. We have made this move to provide space for handling contracts that have been constantly coming our way in increasing amounts.

We credit our phenomenal growth in recent years to our ever mindful policy of doing work for our customers in the finest way possible. Our new policy is now to still further improve our products and we solicit your past confidence with even greater facilities to perform.

## MOYNAHAN BRONZE CO., Inc.

ORNAMENTAL METAL CONTRACTORS

Sales Office, 2833 Cadillac Tower, Detroit 26, Michigan

Manufacturing—Flat Rock, Michigan



## STEVENS HEATING & VENTILATING, INC.

PROMPT SERVICE ON COMMERCIAL AND INDUSTRIAL HEATING

ALL LEADING MAKES OF BOILERS, FURNACES, GAS & OIL BURNING EQUIPMENT  
FOR AUTOMATIC HEATING

TRinity 5-7625

LIncoln 3-2752



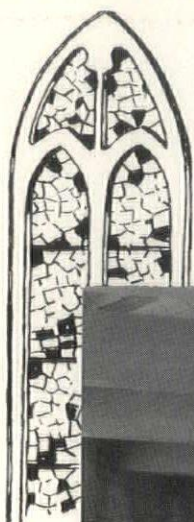
## WHY NOT SPECIFY *lifetime* ALUMINUM AWNINGS?

They actually cost less than the cheapest canvas awnings you can buy

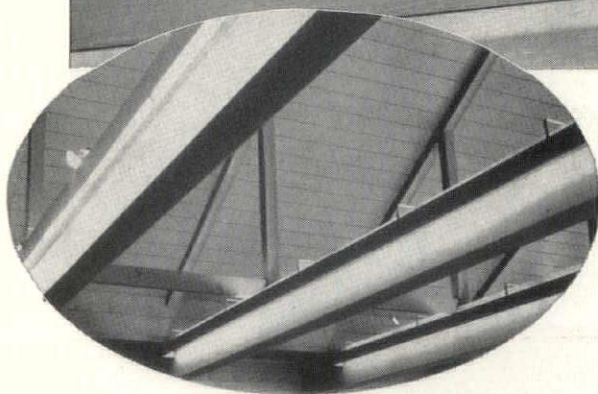
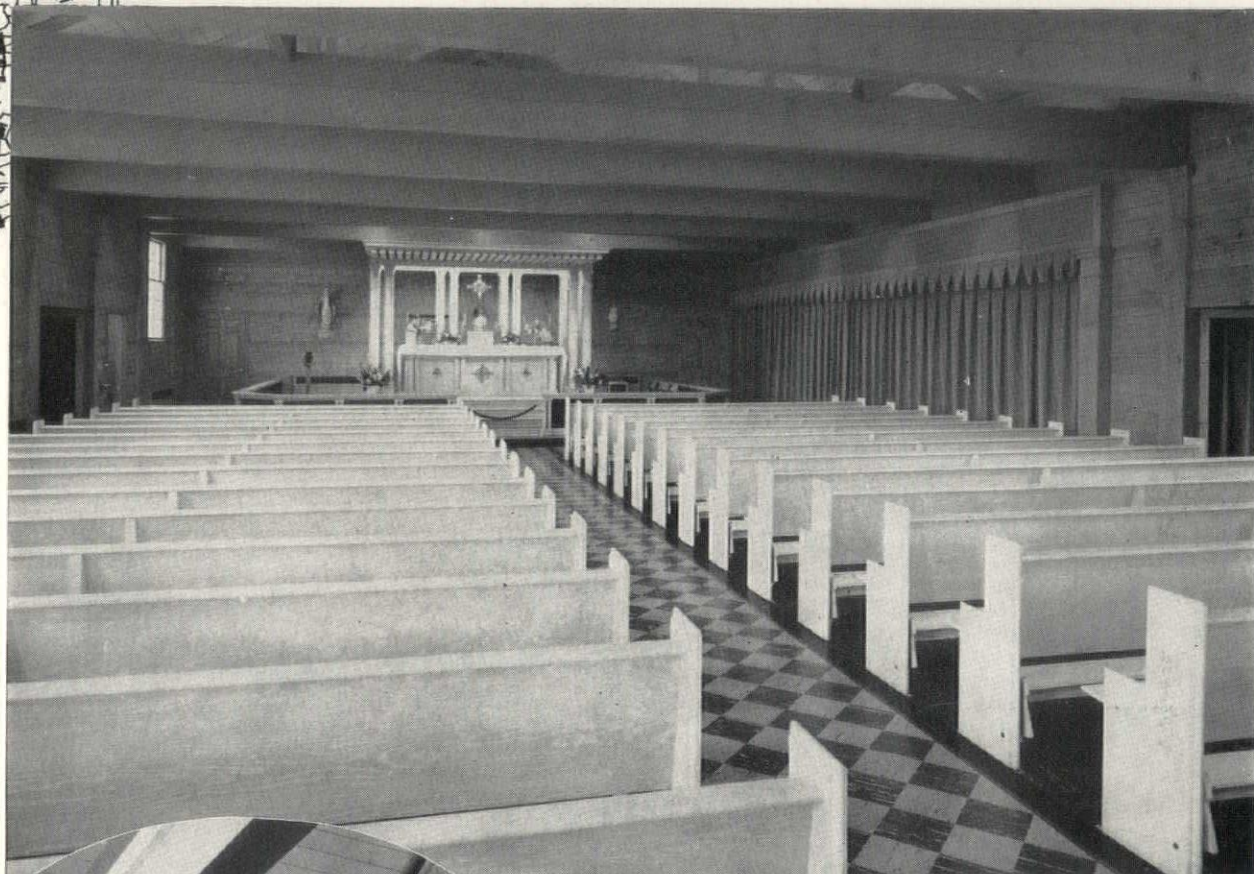
Canvas wears out—must be replaced every 3 or 4 years. KOOLVENT permanent awnings last the life of the building. Several sets of canvas awnings cost far more than one set of KOOLVENTS. Our engineers will gladly give you a free estimate on any job. Simply phone WEBster 3-0990—Architectural Division. We'll be happy to work with you.

# KOOLVENT

*America's finest permanent awnings*



# In the Sanctuary



Valances shield white fluorescent tubes, provide 55 degree cut-off. Reflector lamps on first timber highlight the altar.

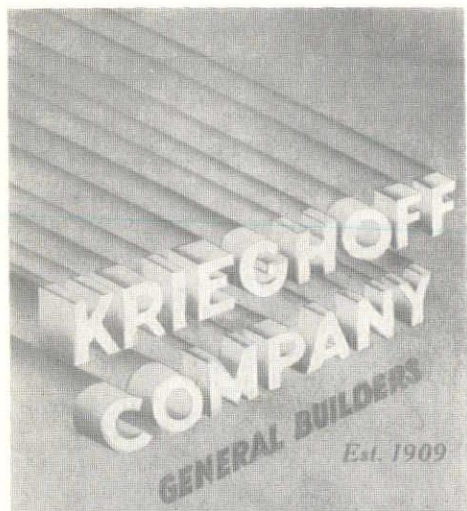


For church lighting counsel without charge, call Lighting Div. WO. 2-2100, Ext. 9223

## ... Planned Lighting Enriches the Service

Like many small churches, Our Lady of the Lakes, Waterford, Michigan, offered a special lighting problem. The ceiling span was 35 feet; the cross timbers, only 11 feet from the floor. After consulting Architect Arthur Des Rosiers, Edison's Church Lighting Advisor recommended a continuous fluorescent channel in front of each timber—plus coordinated supplemental lighting. The result: 15 footcandles of unobtrusive general illumination and a pervasive sense of tranquillity throughout the church.

# The Detroit Edison Company



**KRIEGHOFF  
COMPANY**  
GENERAL BUILDERS  
Est. 1909

INSTITUTIONAL  
INDUSTRIAL  
COMMERCIAL

6661 FRENCH ROAD  
DETROIT 13, MICHIGAN

WAlnut 1-3400

**ALWINTITE**

presents  
the

**VIEWALL . . .**

a 9' x 6' window wall,  
combining fixed and  
awning sash

- all-extruded aluminum
- designed for residential and commercial construction
- low-cost
- made by Gen'l Bronze Corp.

Distributed by the  
aluminum window div.  
STANDARD BUILDING PRODUCTS CO.  
14200 CLOVERDALE, DETROIT 4  
WE. 3-2618

**SPECIALIZED SERVICES  
for  
ARCHITECTS**

**DUNN  
BLUE PRINT  
CO.**

MAIN OFFICE  
5920 SECOND-TR. 5-2125

|   |   |
|---|---|
| EAST SIDE<br>17110 BRADFORD<br>VE. 9-3900 | WEST SIDE<br>18019 JAS. COUZENS<br>UN. 1-5512 |
|---|---|

*Aluminum  
Supply Co.*

ALCOA  
ALUMINUM  
COPING  
GRAVEL STOPS  
WINDOW SILLS  
EXTRUDED MOULDING  
AND  
TUBING

16011 W. McNICHOLS ROAD, DETROIT 35

Vermont 7-3449

**NEON and METAL LETTERS**

**Lona SIGN CO.**

6209 HAMILTON AVE.  
DETROIT 2, MICH.

**PORCELAIN • STAINLESS • ALUMINUM**

*Never before  
a brick  
like this*

Use

**C H E M**

The All Purpose Brick

For  
RESIDENTIAL  
COMMERCIAL  
And  
INDUSTRIAL  
CONSTRUCTION

**DETROIT BRICK  
& BLOCK CO.**

Foot of St. Jean      Detroit 14  
VA. 2-4879

CHEM BRICK MEETS A.S.T.M.  
SPECIFICATION FOR S.W. BRICK

# MONTHLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

120 Madison Ave.

Detroit 26, Mich.

Talmage C. Hughes, F.A.I.A., Editor & Publisher  
Theodore G. Seemeyer, Jr., Advertising Director

Entered as second-class matter Jan. 15, 1946 at the Post Office at Detroit, Mich., under Act of March 3, 1879. Published monthly. Subscription price \$3 per year (members \$2). 30c per copy (roster numbers \$1).

## This Month

**POSITIVELY** the last call for photographs and biographies. The next issue of the Bulletin will be the Convention number, containing this material. There is still time—until about the middle of February, so, if you have not furnished us with the requested material, won't you do so immediately and save us the trouble of further letters, cards, telephone and telegraph messages.

The form for biography is reprinted in this issue, for the last time. Tear it out, fill it out and mail it out with your photograph. It takes some time to process this material, so **DO IT NOW!**

### CONVENTION

Another form printed in this issue is one for room reservations at the Hotel Statler in Detroit, for the Society's 37th Annual Convention, March 7-10, 1951. Better take care of this too, right away. The seventh, Wednesday, is for arrivals and registration. This should not take long and the remainder of that afternoon can be used to advantage in viewing the excellent building material exhibits that are being planned. In fairness to the exhibitors, some time should be set aside for this purpose. Carl Marr and Art Hyde are planning an evening of entertainment for Wednesday, something you can't afford to miss.

Registration will continue Thursday morning, and also inspection of the exhibits. A luncheon Thursday will be followed by a business session with a speaker of national standing. No organized dinner meeting has been planned for Thursday evening, leaving this period open.

Friday morning the program will be turned over to the Producers Council for some informational material on new developments in building materials and products. After luncheon Friday, buses will be provided by the Ford Motor Company for a visit to the Steel Mills.

The Banquet Friday evening will be the concluding event, and all of the banquet facilities of the Statler have been engaged. Speaker will be Mr. Charles Luckman, who is widely known as an architect, as well as former president of Lever Brothers Company. He has now resumed architectural practice.

Sol King, Chairman of the Convention Committee, and his staff of helpers are doing every thing possible to plan a Convention that will be the best in the Society's history. Don't miss it!

# ARCHITECTS' SPECS DISCUSSED

By CHARLES V. OPDYKE,

Chm. Public Relations Committee, Western Michigan Chapter, A.I.A.

Architects of the Western Michigan Chapter were on the receiving end of a verbal tongue-lashing at their January meeting in Grand Rapids when Mr. Harry Conrad, president of The Michigan Chapter of the Associated General Contractors of America, criticized architects, specifications and pulled no punches in getting his viewpoints across.

At Mr. Conrad's request, he met with the Western Michigan chapter for the purpose of discussing with the architects the necessity for improving their specifications. In addition, he asked that a joint committee be formed, composed of members of the Western Michigan Chapter and the Michigan Associated General Contractors. This committee would make a study of specifications and Architect-Contractor relations and from their conclusions would make recommendations for improving the specifications and the methods used in their presentation.

Among the numerous faults he found in Architects' specifications he included the laboriously written workmanship clauses, the lack of mention of accident-prevention and working-condition clauses, the misuse of "Miscellaneous Iron & Metal," the specifying of materials under the wrong trade-heading, the improper indexing of trades, and many others too numerous to mention herein.

A good percentage of the Michigan architects are guilty of "sloppy" specifications, including the writer of this article, and the mere fact that such action had to be taken by the A.G.C. should be an indication of apparent laxity of some architects, and now is the time for some house-cleaning. None of us is perfect, neither is there a perfect specification, nor a perfect contractor, for that matter, but there is no reason why we, as professional men, cannot make an effort to improve our specifications, to do it with dignity and accept this criticism as constructive.

In spite of Mr. Conrad's comments, however, there is room for argument on several issues which will in time be settled by this joint committee if they

are able to reach some definite decisions.

At the conclusion of this discussion, Elmer Manson, president of the Western Michigan Chapter, A.I.A., stated that the executive committee would appoint a committee to meet jointly with the A.G.C. The meeting was adjourned. (See OPDYKE, Page 7)

HOTEL STATLER, DETROIT  
Reservation Request  
Michigan Society of Architects  
Convention, March 7-10, 1951

Name \_\_\_\_\_ (Please Print)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Date Arriving \_\_\_\_\_ Hour \_\_\_\_\_ A.M.

Date Departing \_\_\_\_\_ Hour \_\_\_\_\_ P.M.

Unless requested otherwise, we will hold your reservation until 6 p.m. of the day of your arrival.

Room and Bath, for One—per Day  
Shower 4.50 ☐ 5.00 ☐ 5.50 ☐ 6.00 ☐ 6.50 ☐  
Tub & Shower 7.50 ☐ 8.00 ☐ 9.00 ☐  
9.50 ☐ 11.00 ☐

Double-Bed Room with Bath, for Two—per Day  
Shower 7.50 ☐ 8.00 ☐  
Tub & Shower 9.00 ☐ 9.50 ☐ 10.00 ☐ 11.50 ☐

Twin-Bed Room with Bath, for Two—per Day  
Shower 8.50 ☐ 9.00 ☐  
Tub & Shower 10.00 ☐ 11.00 ☐ 11.50 ☐  
12.00 ☐ 12.50 ☐ 13.00 ☐ 13.50 ☐

Suite—Living Room, Bed Room and Bath  
For One: 15.00 ☐ 23.00 ☐  
For Two: 18.00 ☐ 27.50 ☐

More Than Two Persons in One Room:  
For each additional person in Double or Twin-Bed Room, the extra charge is \$2.50 per day. If a room at the rate requested is unavailable, reservation will be made at the next rate.

### Meeting of the Detroit Chapter

### THE AMERICAN INSTITUTE OF ARCHITECTS

Rackham Memorial Building, 100 Farnsworth Ave., Detroit

WEDNESDAY, FEBRUARY 14, 1951

Board Meeting 4:00 P. M.; Dinner 6:30; Program 8:00

DINNER AND PROGRAM IN JUNIOR ROOM

Subject: "Building Better Buildings at Less Cost"

SPEAKERS: Walter L. Couse, President, Associated General Contractors of America; William Gillett, Vice-President, Detroit Steel Products Co.; C. William Palmer, A.I.A., representing the Architectural Profession; Finlay C. Allan, Exec. Secty., Detroit Building Trades Council.

Dinner cost \$2.25. Corporate members in good standing pay \$1.50, Chapter pays the difference. Two from each student branch chapter free. All others \$2.25.

**For over half a century Detroit's quality roofer**

***Robert Hutton & Co. Inc.***

**ROOFING AND SHEET METAL CONTRACTORS**

**622 FORT ST. E. • DETROIT 26 • WOODWARD 2-1073**

**JOHNS-MANVILLE PRODUCTS**

## YORK-DETROIT CORP.

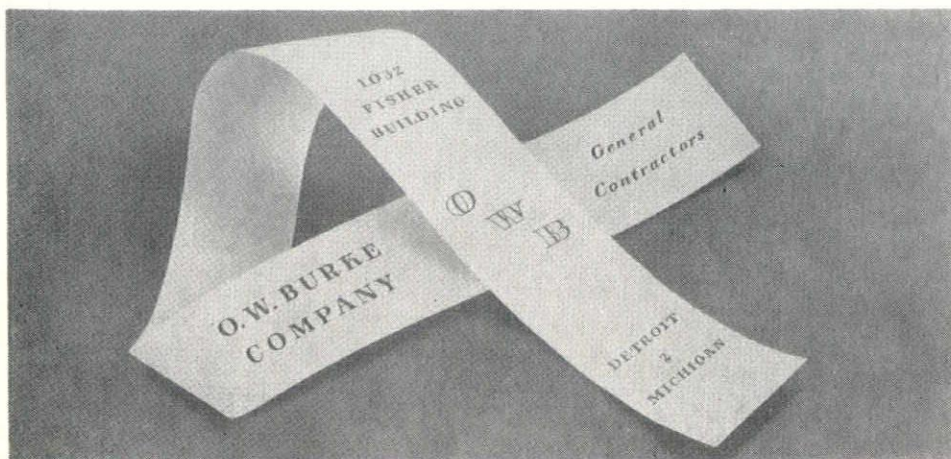
**AIR CONDITIONING  
REFRIGERATION AND  
ENGINEERING SERVICE**

**14385 WYOMING AVE., DETROIT 21**

**TEXAS 4-6500**

**2521 FENTON RD., FLINT, MICHIGAN**

**FLINT 4-4681**



Underwriters Laboratories  
Inspected, Fire Resistive

## VAULT DOORS

Built to S.M.N.A. Specifications

## HOLLOW METAL DOORS

SAFES, MONEY CHESTS

And

## BANK VAULTS

**Diebold**  
INCORPORATED

4105 CASS AVE., DETROIT 1

TEmpLe 3-4477

## HARRIGAN and REID CO.

HEATING  
&  
PLUMBING  
ENGINEERS

SUMMER AND WINTER  
AIR CONDITIONING

SHEET METAL WORK

**1365 BAGLEY AVE., DETROIT 26**

WOodward 1-0243

## F. H. MARTIN CONSTRUCTION CO.

955 E. JEFFERSON AVE.  
DETROIT 7, MICHIGAN  
WOODWARD 1-4890

# To Members of The Michigan Society of Architects

This Information Is Requested For Our Special Roster Number

Please Fill Out This Blank and Return To

MONTHLY



BULLETIN

120 Madison Avenue, Detroit

Please Submit Photograph (Any Size, preferably a glossy print)

YOU ARE REQUESTED TO FURNISH AS MUCH OR AS LITTLE OF THE FOLLOWING INFORMATION AS YOU CHOOSE.

|  |                           |              |
|--|---------------------------|--------------|
| Name   | Address                   |              |
| <hr/>  |                           |              |
| Born   | <hr/>                     |              |
| Early Education  | Place                     | Date         |
| <hr/>  |                           |              |
| Higher Education   | <hr/>                     |              |
| Degrees  | <hr/>                     |              |
| Foreign Travel, Study  | <hr/>                     |              |
| Early Experience   | <hr/>                     |              |
| Advanced Experience  | <hr/>                     |              |
| When Registered in Michigan  | <hr/>                     |              |
| By Examination   | Year                      | By Exemption |
| <hr/>  |                           |              |
| By Whom Employed at Present  | <hr/>                     |              |
| Entered Own Practice   | <hr/>                     |              |
| Partnerships   | Year                      |              |
| <hr/>  |                           |              |
| Present Firm Name  | <hr/>                     |              |
| Specialized in   | <hr/>                     |              |
| If practicing, type of bldgs. If employed, design, superintendence, general, etc.  |                           |              |
| Affiliations, Professional Societies   | <hr/>                     |              |
| Other Affiliations   | Name offices held, if any |              |
| <hr/>  |                           |              |
| Registered Also as Engineer  | Name offices held, if any |              |
| <hr/>  |                           |              |
| Registered as Architect  | In what States            |              |
| <hr/>  |                           |              |
| States other than Michigan   |                           |              |
| <hr/>  |                           |              |
| Distinctions, Honors, Awards, Accomplishments, Appointments, Recognitions, Writing, Teaching, or any other information you care to give. |                           |              |
| (Use separate sheet if needed)   |                           |              |
| <hr/>  |                           |              |
| <hr/>  |                           |              |

YE. 8-0660



## WALTER L. COUSE & Co.

GENERAL BUILDERS  
12740 LYNDON AVE., DETROIT 27

## Murray W. Sales & Co.

### WHOLESALE PLUMBING and HEATING SUPPLIES

801 W. BALTIMORE AVENUE, DETROIT 2, MICHIGAN TRinity 5-4200  
FLINT                      WYANDOTTE                      PONTIAC



## Maurice V. Rogers Company

GENERAL  
CONSTRUCTION

COMMERCIAL BUILDING  
CUSTOM RESIDENTIAL

UNiversity 3-3171  
15849 WYOMING AVE.  
DETROIT 21, MICHIGAN

## Koenig Coal & Supply Co.

SINCE 1870

READY - MIXED CONCRETE — FUEL OIL — COAL

Main Office: 1486 Gratiot Avenue, Detroit 7

WO. 1-1584



## EASTERN CABINET WORKS

ARCHITECTURAL WOODWORK—CUSTOM BUILT FURNITURE—STAFF DESIGNING AVAILABLE

LORAIN 7-9515

3456 EAST JEFFERSON AVE.

DETROIT 7, MICHIGAN

- SHEET METAL
- VENTILATING

- AIR CONDITIONING



### M. DEN BRAVEN CO.

9080 ALPINE AVENUE  
DETROIT 4, MICHIGAN

**(OPDYKE, Continued from Page 3)**

journed with no black eyes or hard feelings, but rest assured everyone present was thinking.

**BRITISH EDUCATOR HONORED BY LANSING ARCHITECTS**

Mr. Antony Part, joint head of the Architects and Building Branch of the British Ministry of Education, London, England, was entertained by the following Lansing architects at a dinner meeting in Lansing, Dec. 14, 1950: Clark R. Ackley, William Carver, Clark Harris, Ian Ironsides, Walter Laitala, Elmer Manson, Robert Mattern, Charles V. Opdyke, Stanley Simpson, Richard Snyder and Donald Ross.

Mr. Part will be in the United States for one year visiting school systems, studying the design-trends and exchanging ideas of new and future educational developments. During his stay in this country he will travel 15,000 miles.

Mr. Part was impressed by the progress of our functional designs and the unique application of materials used by our architects in an attempt to achieve an atmosphere and scale suitable to the school children. He also stated that England and Wales have much the same problem of providing for extra school population in rural areas as we have in Michigan and he feels confident that both our countries' architects and educators are taking the proper steps to overcome the over-crowded school conditions.

Also present at this gathering was Wilfred Clapp of the State Department of Public Instruction.

**SAGINAW VALLEY CHAPTER**

The first 1951 meeting of the Chapter was held at the home of President James A. Spence the evening of January 9, sixteen members attending the dinner and meeting that followed.

Among matters dealt with were the Chapter programs for the year ahead and attendance at the Chicago Convention the second week in May. It became evident that about one-half the Chapter's membership would attend the Convention. Reports were heard from Chapter committees, and Ralph Knuth was designated the Chapter's representative on APELSCOR.

Peter Frantz showed some of his fine collection of color photography taken on his recent visit to Europe.

**SPENCE HEADS MUSEUM SOCIETY**

Jim Spence was elected president of the Saginaw Museum Society at its recent Annual Meeting, to succeed Robert B. Frantz. Bob reported that membership has now reached 819, a gain of 264 over the previous year. In 1950 the Museum had 24 separate exhibits, and the staff of three handled more than 1,700 objects of art.

In the first two days of the "Operations Palette" show, more than 1,000 persons visited the museum, to assure an excellent start for the year's attendance.

**DETROIT CHAPTER MEETING**

Undoubtedly the largest attendance in the Detroit Chapter's history was attained when 237 had dinner and inspected the new Veterans' Memorial Building in Detroit on the evening of January 17.

Cocktails were supplied by the firm of Harley, Ellington and Day, Inc., architects and engineers for the outstanding project, which was the subject of interest for this meeting. The large attendance was certainly a tribute to the project, and the interest shown during the inspection trip was further evidence.

President Morison presented our Fellow and distinguished member, Alvin E. Harley, who expressed his appreciation for the fine attendance and the interest shown. He then turned the meeting over to his partner, Malcolm R. Stirton, who introduced members of the Commission who were the clients. Mac gave some history of the project, beginning with a Common Council resolution in 1921 and the subsequent voting of a bond issue, which the City was not able to carry out at the time. He also gave some other interesting facts about the building and introduced several on the H. E. & D. staff who were in responsible charge of the different departments. He also presented Marshall Fredericks, who was the sculptor.

Before the tour President Morison called upon Edward J. Brunner, Secretary of the Builders and Traders Exchange, for a report on the latest developments in government building regulations and restrictions.

As guests toured the building, Stirton and others of his firm explained many interesting details of the design and planning of the building, and every one expressed considerable pleasure at having such an opportunity.

**BULLETIN:**

I can't compliment you too highly on your magnificent coverage of the Thomas E. Jefferson School of Wyandotte.

Your layout, the text of the article, the super-splendid photos—all combine to present The Elementary School of Today in a manner irresistible to architects as inspiration for better school work.

When you are ready to retire from architectural publishing, I want you to pass on to me the trade secret by which you extract this type of coverage of a building from architect, writer, photographer, etc. It takes very special talent and perseverance, both of which I envy.

Your monthly has the same authentic stamp as the weekly bulletin and I wish it great success.—Mrs. Tally McKee, Editor, The Charette.

\* \* \*

**BULLETIN:**

We would appreciate receiving twelve copies of your Volume 24, No. 42 Bulletin, dated December, 1950, in which our new Thomas Jefferson School is featured. Thank you for this courtesy.—M. F. Egendorf, Supt., Board of Education, Wyandotte, Mich.

**A.G.C. ELECTS OFFICERS**

The Annual Banquet of the Associated General Contractors of America, Detroit Chapter, Inc., was held the evening of January 17, 1951 at the Detroit Athletic Club.

Walter L. Couse, President of the Associated General Contractors of America, Dan W. Kimball, Past President and H. E. Foreman, Managing Director, were speakers.

The following named Officers and Directors of the Detroit Chapter were elected for the ensuing year:

President, Chas. H. Richert, J. A. Utley Co.; 1st Vice President, A. S. James, O. W. Burke Co.; 2nd Vice President, John Cooley, John Cooley Co.; Treasurer, G. K. Chapman, Walbridge, Aldinger Co.; Directors, Leet M. Denton, Denton Construction Co.; Frank H. Taylor, F. H. Taylor Co.; Bert B. Jackson, Kuhne-Simmons Co.

Ralph A. MacMullan is Secretary Manager and John E. Kinsella is Assistant Secretary.

*Shown, left to right, at speakers' table, at AGC, Detroit Chapter, annual meeting: Bert B. Jackson, retiring president; Harry Conrad, president of Michigan Chapter; Walter L. Couse, national president; Charles H. Richert, new president, Detroit Chapter; H. E. Forman, managing director, national AGC; Don W. Kimball, past president (national); Pat Thornton, president, Michigan Road Builders Association, an AGC Chapter.*



- For Window Cleaning . . .
- For Cleaning of Brick, Stone, Glass, and Interior Tile . . .
- For Cleaning of Steel Partitions . . .

*... always depend on*  
**DAELYTE**

DAELYTE has the experience, equipment and specialized personnel to render complete dependable service. Whether a building is the commercial, industrial or institutional type . . . located in Michigan, Ohio, Indiana or Pennsylvania . . . Daelyte's service is available the year around. So whenever the occasion arises for a cleaning job of any kind, don't be in the dark—call "Daelyte."

### Other Daelyte Services:

- Painting
- Building Cleaning
- Caulking
- Sand Blasting
- Tuck Pointing
- Steam Cleaning
- Concrete Repairs
- Wall Washing
- Water Proofing
- Cement Finishing
- Glazing
- Floor Waxing
- 24-hour Janitor Service
- Cleaning and Pointing tile in new buildings

A Daelyte representative will gladly call and explain in detail Daelyte's complete service.

## Daelyte Service Co.

*Complete Building Maintenance — since 1920*

300 Riopelle St., Detroit 7  
 Woodward 1-4131

**FASTER-EASIER  
 GLASS SETTING**  
 in all  
 types of metal sash  
 Ideal for aluminum



## PLASTI-GLAZE TYPE "C" GLAZING COMPOUND

(Dark Grey or Aluminum Grey)

See our 1951 Sweet's File Catalog  $\frac{7c}{PI}$

"ONE WIPE" APPLICATION cuts glazing time. Ready to use. No mixing or thinning required.

FIRM, ELASTIC BOND that sets quickly but always stays semi-plastic to withstand vibration and maintain a constant seal.

FOUR FACTORIES TO SERVE YOU . . . Detroit, Chicago, Jersey City, and New Orleans.

**PLASTIC  
 PRODUCTS  
 COMPANY**

General Office and Laboratory  
 6451 GEORGIA AVE.  
 DETROIT 11, MICH.

PERMA-COLOR

## FACE BRICK

For BEAUTY and PERMANENCE

GLASS BLOCK - CHEM BRICK

VITRIFIED PIPE

Select From

## Century Brick Co.

SAM BURTMAN, Mgr.

14900 LINWOOD AVENUE  
 DETROIT 21, MICHIGAN  
 UNiversity 1-8200

## MSA BOARD MEETING

The Board of Directors of the Michigan Society of Architects met at the Detroit Athletic Club on the afternoon and evening of January 10. All members were present except Dow and Zimmermann.

President Bauer had prepared an agenda that meant disposing of business matters with a minimum of time. He presented his recommended list of committees, published herewith, which was approved.

James A. Spence reported for the auditors who had considered the treasurer's report, and gave a most favorable account of the way Mr. Gabler had conducted the affairs of that office during the past year. The President requested the new treasurer, John O. Blair to prepare a budget for the coming year and to submit it to the next meeting of the Board.

Charles McGrew reported on the brochure on recommended minimum charges and principles of practice, which is now in its final form. It will be published first in the Convention number of the Bulletin and after reactions have been had from members it will be printed in separate form for additional distribution.

Sol King reported that Convention plans are progressing satisfactorily and that some interesting and constructive features are being planned. Mr. Charles Luckman will be the speaker at the Building Industry Banquet, and another speaker of note will be engaged for another session. Producers and others are reminded that there will be displays of materials and equipment on the Ball Room floor.

## MSA COMMITTEES ANNOUNCED

Leo M. Bauer, president of the Michigan Society of Architects has announced the appointment of 1951 committees as follows:

**Executive:** Bauer and Charles B. McGrew, both of Detroit, Alden B. Dow of Midland, Ralph W. Hammett of Ann Arbor.

**Administrative:** Dow, Arthur J. Zimmermann of Lansing, James A. Spence of Saginaw and Carl J. Rudine of Grand Rapids.

**Education and Research:** Hammett; John O. Blair and Sol King, both of Detroit, and Dow.

**Public and Professional Relations:** McGrew, Adrian N. Langius of Lansing, Peter Vander Laan of Kalamazoo, and Linn C. Smith of Detroit.

**Committee on Annual Convention to be held in Detroit March 7-10, 1951:** Sol King, Paul B. Brown, Malcolm R. Stirton, Ralph W. Hammett, C. L. T. Gabler, Gus Muth, Suren Pilafian, Grace Pilafian, Leo Bauer, L. Robert Blakeslee, Earl W. Pellerin, Eberle M. Smith, Talmage C. Hughes.

**Committee on Midsummer Conference at the Grand Hotel on Mackinac Island, August 2-5, 1951:** Rudine, Hammett and Spence.

**Architects, Professional Engineers and Land Surveyors Committee on**

**Registration (APELSCOR):** McGrew and Linn Smith; Carl B. Marr and Blair, alternates.

## JOHN C. STAHL

John C. Stahl, A.I.A., 74, who had practiced architecture in Detroit for nearly half a century, died in East Side General Hospital, Detroit on January 29, from being struck by an automobile a few days before.

Born in Detroit July 14, 1876, Mr. Stahl received his education here in the public schools, under Louis Kampfer, Zach Rice, and through extension courses in architecture and engineering.

He became registered to practice in Michigan in 1915, was a charter member of the Michigan Society of Architects, and served as its president in 1926 and 1927. He became a member of The American Institute of Architects and its Detroit Chapter in 1916. He had been a member of Detroit's No. 1 Rotary Club for 38 years, had a perfect attendance record for 28 years.

In 1912 he formed the partnership of Stahl & Kinsey, which in 1914 became Stahl, Kinsey & Chapman, Inc. In 1916 he again resumed individual practice which had continued since. His firms had designed a wide variety of structures, including many fine churches.

Mr. and Mrs. Stahl celebrated their 45th wedding anniversary on October 18, 1950. The family home is at 2611 Cadillac Boulevard in Detroit. Surviving are his wife, Anna M. Stahl; a son, Theodore H. Stahl, Sr.; a daughter, Mrs. Ruth C. Marsh; a brother, Edward L. Stahl, Sr., and three grand children.

## H. R. GRAF

Herman R. Graf, A.I.A. died at his home in Jackson, Michigan on January 26, following a heart attack.

Mr. Graf was born in Saline, Michigan August 1, 1876, was educated at the University of Michigan and through the International Correspondence School. He became registered to practice architecture in this state in 1916 and was a member of the Michigan Society of Architects since its organization.

During his long practice he had designed many important structures in southern Michigan, including buildings at the Hillsdale College campus, the Jackson County Fairgrounds Grandstand, and an addition to the Nurses' Home at Foote Hospital in Jackson.

He became a member of the Detroit Chapter, A.I.A. in 1943.

## EDWIN S. GEORGE

Col. Edwin S. George, Honorary Member of the Detroit Chapter, The American Institute of Architects, died at his winter home in Delray Beach, Fla., on January 25. He was 77 years old.

Col. George, a native of Pennsylvania, was educated in the public schools of Morenci, Michigan, and at Fayette Normal School, Fayette, Ohio. He entered

business at the age of 17 with Annis and Miller, Detroit furriers. In 1897 he established his own fur business as the House of George. He later became interested in the automobile business, real estate, and as president of several corporations.

He established the Edwin S. George Foundation, held membership in many clubs and civic organizations. He had traveled extensively and made philanthropic grants to educational, religious and public institutions, including the University of Michigan, Bloomfield Township, Kirk-in-the-Hills, Park College, and School of the Ozarks, Missouri. He was author of many books on travel, had special interest in architecture, sculpture, engineering, and mechanical design. He was one of the organizers of Detroit's first Symphony Society and he helped underwrite it for several years.

At a special ceremony of the Detroit Chapter of The American Institute of Architects, on November 10, 1949, David H. Williams, Jr., then Chapter president, announced that the Chapter board had unanimously voted to award the Chapter's Honorary Membership to Col. George, "a person of esteemed character who has rendered the profession of architecture signal and valuable service and has conspicuously upheld its aims and purposes."

Presented to Col. George was a bronze plaque bearing the inscription, "Edwin S. George, in recognition of his outstanding interest and continued devotion to the promotion of fine architecture and for his many tangible contributions in this field, is duly enrolled as an Honorary Member of the Detroit Chapter of The American Institute of Architects. David H. Williams, Jr., President; Carl B. Marr, Secretary."

In making the presentation, Mr. Ditchy said, "Colonel George has devoted himself to the betterment of his fellow man through the beautification of the countryside wherein he lives. We are particularly happy and fortunate to have known him, since he has always identified himself with good architecture."

## J. DARBY KENYON

J. Darby Kenyon, 56, an architect who has spent 25 years of his life in Detroit, died at his home, 909 Cherokee Lane, Signal Mountain, Tenn., on January 6.

In recent years Mr. Kenyon had conducted private practice on Signal Mountain. Previously he had been associated with Selman T. Franklin and B. F. Hunt in Chattanooga and the office of Albert Kahn in Detroit. He was a member of Tau Sigma Delta honorary society, Alpha Rho Chi, and Delta Phi Theta fraternities. He was a veteran of World War I, having served with the 148th Air Squadron as Lieutenant. He was a prisoner of war in 1918.

He is survived by his wife and a sister, Dr. Fanny H. Kenyon.

FACE BRICK  
for  
RECEIVING HOSPITAL  
DETROIT

## HANLEY COMPANY

Established 1893

LARGEST MANUFACTURERS  
OF GLAZED AND FACE BRICK  
IN THE EAST

(Capacity 7,000,000 Units Per Mo.)

FACE BRICK  
GLAZED BRICK  
ACID BRICK  
UNGLAZED FACING TILE  
GLAZED FACING TILE  
QUARRY TILE  
FLOOR BRICK

E. F. ZERGA, MGR.  
14545 SCHAEFER HWY. DETROIT 27  
VE. 7-3200



## L U M B E R

INSULATION — ROOFING and ALL other BUILDING MATERIALS  
for NEW CONSTRUCTION, REPAIRS or REMODELING

*Home Owners' Lumber & Building Material Center*

B. A. CHAPLOW LUMBER CO.

8675 EAST SEVEN MILE ROAD  
AT OUTER DRIVE, DETROIT 5

Twinbrook 3-3700

## A. W. Kutsche & Co.

BUILDING CONSTRUCTION



TRinity 1-8410

2924 West Grand Blvd.

Detroit 2, Michigan

## THOMAS BRICK & TILE COMPANY

*Established 1896*

FACE BRICK — GLAZED BRICK — PAVING BRICK — ACID BRICK  
REFRACTORY BRICK & CEMENTS  
CUPPLES ALUMINUM WINDOWS — WARE ALUMINUM WINDOWS



Telephone  
TOWNSEND 8-1354

14360 LIVERNOIS AVENUE  
DETROIT 4, MICHIGAN

## More and More Architects . . . . .

are writing **Huron Masonry Cement** into their specifications for mortar because they are sure of getting a consistent, rich color and strong water-tight mortar joints. They also know that there are no ingredients in **Huron Masonry Cement** which can cause efflorescence.



## HURON PORTLAND CEMENT CO.

General Offices

FORD BUILDING

DETROIT 26, MICH.

Michigan Plants Located at Muskegon, Alpena, Saginaw, Detroit, Wyandotte

## ARM-GLAZE the E-L-A-S-T-I-C GLAZING COMPOUND

● Specified by leading Architects and Engineers—preferred by Contractors. Easy to apply. Never gets rock-hard. Won't chip, crack or crumble. Provides LASTING protection. Reduces maintenance. A type for every type of sash. Try Armstrong's Arm-glaze!

The ARMSTRONG COMPANY  
241 S. Post St., DETROIT, MICHIGAN

## Civilian Defense—The Architects Participation

Excerpts from National Defense Committee Bulletin No. 1. Committee on National Defense, The A. I. A., Douglas Orr, Chairman. Eberle M. Smith, Detroit Chapter representative.

The term "civilian defense" as used in this study refers generally to the application of protective construction and not to the building of military establishments or specific phases of civilian defense such as methods of air attacks and effects of bombs, blackouts or dimouts, control or communication systems, social problems in relation to evacuation or other correlated governmental civilian defense objectives. It is imperative as stated, however, that architects maintain a working knowledge of these problems, keep themselves informed on current reading materials in the field of defense against aerial attack and be advised of all official publications, directives and standards dealing with these matters.

By careful study and planning now, and by a full understanding of what can be done in advance by protective measures, the effects of bomb explosion can be minimized. As terrible as any bomb is, no bombing, even by the atom bombs, will mean the end of our cities, our state, or our country, as some people think. Certainly a bombing will cause devastation, even to the extent of crippling an entire city temporarily, but if the architect is to understand what to do if a bomb should fall he must first know what a bomb does.

The extent of damage to any building will depend upon the size and type of the bomb, the directness of the hit, and the construction of the building. Fragmentation while not the greatest danger, is serious enough to warrant precautions. Greater dangers are fire, collapse, and the shattering of glass.

Generally, casualties may be traced directly to the direct action of the bomb itself, explosive gases, blast and splinters, falling debris and collapse of buildings. Indirect results are burns, drowning and asphyxiation, carbon monoxide poisoning, and radiation.

### AERIAL ATTACKS

The study does not embrace protective measures against the effects of gas bombing, radiological bacteriological or biological warfare. The weapons against which protection is discussed for the purposes of this study are:

- (1) Demolition bombs;
- (2) fragmentation bombs;
- (3) incendiary bombs;
- (4) atom bombs.

(1) **Demolition bombs** are for the primary purpose of demolishing buildings and other structures. Bombs intended for factories or railroad yards may land in a residential district, even when no civilian bombing is intended.

(2) **Fragmentation bombs** are used against targets which are easily damaged or destroyed by fragments although demolition bombs are generally used for these purposes.

(3) **Incendiary bombs** are used chiefly against easily inflammable targets such as congested dwelling areas, industrial and munition plants, etc.

(4) **Atom bombs**, exploded in mid-air, about 2,000 feet from ground level, are more destructive than from either a water or ground burst, so we must consider this kind of atomic attack as the most likely to be used.

### EFFECTS OF BOMBS ON BUILDINGS

**Fireproof Structures:** Steel skeleton frame fireproof structures with steel supported concrete floors, and monolithic concrete buildings, are structurally the safest and best. No additional protective is necessary, for all practical purposes, beyond removal or protection of glass areas. **The use of the top three to five floors should be avoided for use as shelter areas.**

**Wall-Bearing Structures:** This type of building offers no dependable protection. Most bombed structures of this type will collapse completely under the effects of a direct or very near hit or need demolishing or require bracing with shores and needles to prevent collapse. Structurally, therefore, not very much can be done beyond bracing and reinforcing to reduce bomb effects.

**Wood Frame Structures:** While this type of building offers little or no protection against a direct hit, moderate protection can be provided against a near miss, blast and splinters, by selecting a refuge room having maximum lateral protection.

**Interiors:** In fireproof structures, interior masonry partitions will need very little added protection except removal or protection of all glass. These interior partition walls stop most of the splinters and much of the blast, even when they are themselves partly disintegrated by the explosion. In non-fire proof buildings, interior self-supporting masonry walls, including those enclosing public spaces and halls, may be shattered. Should they collapse, they would probably carry all floors down with them wherever these floors, though of concrete construction, are dependent on the masonry walls for support.

**Glass:** Glass, being some of the greatest sources of danger, should be removed or replaced with non-shatterable material. Large show windows are a particular danger due to their rigidity and blast resonance. Cross bracing of these glass areas is ineffective. Cellophane or paper covering over any glass area are equally ineffectual.

**Atom Bomb:** Here are some official estimates of how an atomic explosive might damage the area around it.

Within one-half mile—complete devastation.

From one-half to one mile—all buildings except those of concrete and heavy steel frame will be gutted or destroyed.

From one mile to a mile and a half—most old style brick and frame buildings will be seriously damaged. There will be great danger from flying debris. Hundreds of fires will break out, many of them caused by broken gas mains, oil lines and tanks or shorted electric circuits. All utilities will be destroyed or seriously damaged.

At two miles—damage will almost all be due to blast and secondary fires. Public utilities will be badly damaged.

At four miles—there will be some blast damage, especially to frame and wooden structures, and scattered secondary fires. Rubble will block the streets.

Beyond four miles—in some instances blast damage might extend to a distance of 6 miles, depending upon the wind, weather and the terrain. Glass and plaster breakage might occur up to a distance of 8 miles. Utilities might be disrupted from damage in the central blast area.

### SURVEY OF BUILDINGS

A primary service of the architects should be in making surveys of buildings, and recording the physical aspects of the building and its facilities for protecting the occupants. All vacant and untenanted buildings should be recorded and after a panel examination by the Architects, certify to the local authorities as to the advisability of demolition.

The architects' survey of all buildings, working with the appropriate local agencies of the city, town or village, should include the preparation of maps indicating the type of structures, their vulnerability, and the daytime and nighttime population and occupancy, topographical characteristics, utilities and communication facilities.

The survey of a particular building should include the shelter accommodations required by population and decision as to whether this would be best accomplished inside or outside the building.

### ORGANIZATION OF BUILDINGS

All large establishments should have their own defense organizations, and in the case of large factories or plants, their own equipment. Local authorities would probably give these establishments help and assistance, where and if needed on the basis of their regular plant personnel, organization and tenancy. This would be particularly applicable in plants and buildings housing more than fifty persons.

The Architect, however, should be called upon to organize the physical aspects of the building, i.e., improvement of structural weaknesses against bombs, "safe" areas, directional signs and instructions, placement of control areas, light exclusion, etc.

Special type buildings and structures, such as railroad stations, churches,

# DARIN & ARMSTRONG, INC.

*General Contractors*

DETROIT 3, MICHIGAN

## NELSON COMPANY

PLUMBING  
HEATING  
& AIR CONDITIONING  
SUPPLIES

WHOLESALE

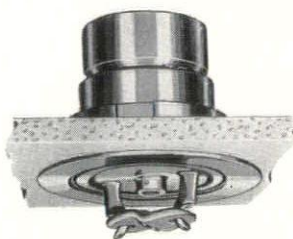
MAIN OFFICE  
and  
DISPLAY ROOM

2604 Fourth Ave. Detroit 1  
WO. 2-4160

Royal Oak - Grosse Pointe - Ann Arbor

## VIKING SPRINKLER COMPANY

Manufacturers and Contractors



UNDERWRITER APPROVED "VIKING" DEVICES  
FOR MORE POSITIVE PROTECTION AGAINST  
FIRE LOSS

This new Flush Sprinkler is available where appearance is important. It is modern, efficient fire protection for today's offices, display rooms and locations of ultra design.

Let us show you these modern installations

4612 WOODWARD AVE., Detroit 1  
TE. 1-9604

315 ALLEN ST., N. W., Grand Rapids 4  
Tel. 9-6341

## underground construction

WATER MAINS  
SEWER TUNNELS  
ELECTRIC CONDUITS

GEORGE A. ODIE  
INC.

1935 McGraw Ave.  
Detroit 8, Michigan  
TYler 4-0100

COLORFUL OHIO  
SHALE BRICK

# KURTZ Brick Company

FOR RESIDENTIAL  
AND  
COMMERCIAL  
BUILDING

Our Fleet of Diesel Powered Highway Trains Deliver Your Brick Direct from Our Ohio Kilns to Your Job Site  
NO WAITING — NO DELAY — NOT A CHIP IN A CARLOAD

14183 WYOMING, DETROIT 4

WE. 3-2384

## GLANZ & KILLIAN CO.

*Contractors*

PLUMBING — HEATING — VENTILATING

Fire Protection Sprinkler Systems

1761 WEST FOREST AVENUE — DETROIT 8 — TE. 1-7820

schools, hospitals, public areas, museums and baseball parks, require special studies to meet special conditions.

**Note:** It is the intent of this Committee at a later date to issue more explicit and detailed recommendations in relation to the defense organizations of buildings.

### SHELTERS

Shelters, at best, are simply a means of providing a degree of safety, protection against weapons of uncertain character from an unknown source at an unknown time.

The establishment of shelters in buildings is the duty and function of the owner, based upon recommendations, research, experience and recommendations of the Federal, State and Local civilian defense authorities. The architect, as has previously been pointed out, functions in all categories as the technician, ready and able to assist in all phases of the shelter program.

According to Government advices already issued, the Federal Government will develop structural standards of shelter for use by local communities. From studies of all types of shelters, necessary design criteria will be developed and made available in the form of a shelter manual, to consist of three types, depending upon the need:

(a) Maximum strength for key installations.

(b) Moderate strength for population masses in urban centers, factories of strategic importance and for suburban community protection.

(c) Improvised for small group protection in residential areas.

Detailed plans for practical and inexpensive individual family shelters and for more elaborate community shelters are being prepared. It is expected the manual will include directives for the use of basements and similar areas as shelters.

A shelter area may be conceived and designed in a number of ways. Upon the Architect, therefore, should fall the good sense to establish the value of protection afforded by the type of shelter he may adopt or devise. It should, however, be remembered that the protection given should grow in importance according to the number of people assigned to each shelter. The dimensions and plans of a shelter should in fact be governed by the possibilities of a direct hit as well as by the possible number of victims, though greatest stress in the design and selection must, for obvious reasons, including the cost, be placed upon the selection of shelter areas in a building that will afford the greatest degree of protection against other than direct or near bomb hits.

The purpose of the collective shelter is to protect those who are obliged to stay in a danger area because of their duties as workers or because of family necessities.

The shelter within a building must be able to resist the effects of explosives, be a protection against incendiary bombs, possibly give some at-

tention against the use of gas and bacteriological warfare, at the same time assuring a certain degree of comfort to the occupants of the shelter. Shelters should be divided up into as many small groups as possible either by means of masonry partitions or walls or the creation of separate shelters. If possible not more than 50 persons should ever occupy one shelter space or area, the number of people being proportioned further in relation to the amount of ventilation in the shelter.

At least two means of egress from the shelter should be provided and placed as far from each other as possible. Thought must be given for protection made against radiation and for providing lighting, sanitation, ventilation, dryness, and heating.

The use of deep shelters, such as in a hill, subways and underground tunnels may be encouraged where cost is not a factor. Subways and underground structures should be carefully surveyed before being used for proximity to a concentration of utilities such as water and gas and the consequent danger of rupture as a result of a bomb explosion.

**The adoption of basements or cellars for shelters should be discouraged in any type of building unless such spaces are amply reinforced against collapsed debris load, and except as a temporary refuge or when no other safe area is available.** Dangers from the use of basements or cellars as refuge areas are of course lessened in large fireproof buildings, but even in such structures basement or cellar shelters must be provided with emergency exit facilities to prevent trapping of occupants. Walls surrounding such shelters should be reinforced and ceilings of shelters similarly treated, shored or braced. It should be remembered that bombs of every type come down at an angle. A bomb striking the ground at an angle near the outer wall of a building will penetrate the structure and may wreck the basement shelter completely. An auxiliary self-contained plant to provide mechanical ventilation and artificial lighting for use in emergencies should be supplied in large shelters.

### HOUSING

Slums constitute one of the greatest potential dangers under any kind of bombing. If there are to be no public shelters, architects should urge that preparations be made immediately to intensify the clearing of slums and erection of modern, fireproof housing, which structurally offer an excellent degree of air raid protection.

Rapid plant expansion will take place almost immediately because of requirements for war materials. Mobilization of housing and community facilities properly planned in advance, will prevent these areas from deteriorating into future slum areas. The Architect can and should help avoid mistakes due to bad planning, as well as planning existing resources wisely and fully for any emergency.

There are possibly three types of

housing that should be considered in approaching housing needs, in a war period.

1. Permanent wartime housing.
2. Danger zone housing.
3. Emergency housing.

**PERMANENT WARTIME HOUSING:** Housing under this heading would serve the purpose of meeting the demand for low cost, low rental housing brought on by permanent new or expanded plant construction, with a view towards its conversion later to peacetime occupancy. These buildings must include shelter accommodations and be site planned so as to offer the greatest protection against plant destruction. A permanent community which will never become a slum problem will be the outcome of such a well planned architectural development.

**DANGER ZONE HOUSING:** If, as stated, shelters are not to be provided, then safe, fireproof buildings should be constructed of the best available materials, in all areas designated by the Federal Authorities as immediate target areas. Public and private agencies and corporations should be persuaded and encouraged to build and build now. While this applies particularly to replacement of slums, the same reasoning and necessity apply to all types of construction in target areas, particularly those to be financed in whole or in part with public funds. The Architect's part in this program is self-evident.

**EMERGENCY HOUSING:** This means housing for wartime needs and wartime use where the intent is temporary emergency use. Prefabricated housing and all other demountable housing construction come under this heading. The erection of large camps which would house evacuees, both adults and children, is emergency housing. The main object of architects participation is to plan housing and community facilities of many types which can be quickly assembled. To prove and make certain that these structures can be built quickly with a minimum of critical labor and materials, and of sound construction; and lastly to so design the buildings as to permit conversion to permanent peace-time use, or at least towards the objective of re-use after the emergency.

### REPAIR OF WAR DAMAGE

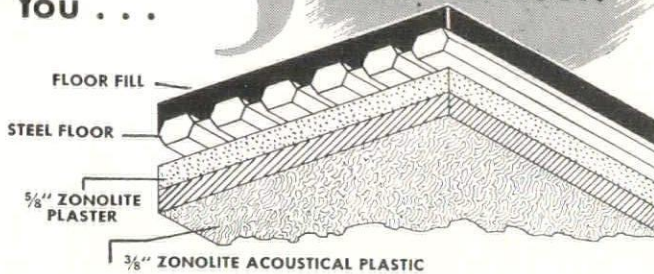
First aid repairs which would be necessary to make buildings tenable after bomb damage has occurred, should be a duty of the Architect and should include the making of an inspection and survey of damaged property on all floors, certifying (with engineers) condition of drainage, water, gas and electric services if necessary. Filing of report of damages with Local Administrator.

Meeting contractor on the premises and giving instructions as to First Aid repairs required, supplementing with letter or brief specification if necessary.

Certifying completion of the work, checking accounts and certifying for payment.

**NEW . . .  
Zonolite\*  
Suspended  
Ceiling  
Gives  
You . . .**

***Better  
Acoustical Value—  
Plus  
4-Hour Fire Rating  
at  
Lowest Cost!***



Now you can use  $\frac{5}{8}$ " of Zonolite plaster together with only  $\frac{1}{2}$ " of Zonolite Acoustical Plastic over suspended metal lath to obtain a ceiling with a 4-hour fire rating! Think of it—one application that combines a 4-hour fire rating with a sound coefficient of 0.65!

Never before has there been *any* plaster ceiling combining the extra acoustical value... the added fire protection and the unusually low cost per square foot! Investigate this new Zonolite ceiling today. Write for full details to:

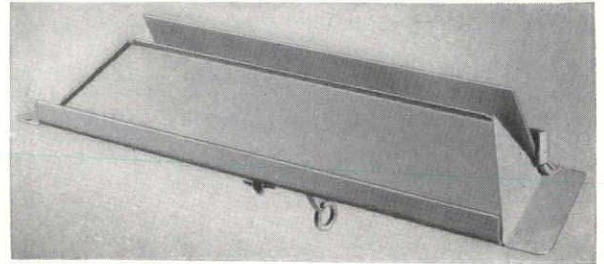


\*Zonolite is a reg. trademark

**ZONOLITE COMPANY**

14300 Henn Avenue Dearborn, Michigan  
Phone: Tliffany 6-1010

**For Quality and Long Life**



## **DONLEY Corten Steel Fireplace DAMPERS**

Corten steel is a celebrated U. S. Steel product, with 4 to 6 times the corrosion resistance of ordinary, open hearth steel, with greater tensile strength. Hence we chose it as material for Damper that should be worthy of the standard set by Donley cast iron dampers, over a period of many years. . . . Made of heavy plate, varying from 12 gage, to  $\frac{1}{4}$  inch thickness, in different parts and strongly welded. . . . Conforms to correct construction exemplified in Donley fireplace plans—attached to each damper. . . . All painted with heavy, gray paint, baked on . . . fully assembled and semi-crated to protect regulating device. . . . Made in five sizes, 24", 30", 33", 36", and 42". Substantial, attractive, thoroughly tested—a product any dealer may be proud to handle.

**THE DONLEY BROTHERS COMPANY**

13973 MILES AVENUE, CLEVELAND 5, OHIO

## **AUSTIN'S PAINTERS**

Established 1888

**PAINTING CONTRACTORS**

For

ST. MICHAEL'S CONVENT

Pontiac, Michigan

FORD MOTOR TEST TRACK GARAGE

Dearborn, Michigan

CAPITAL SAVINGS & LOAN BUILDING

Pontiac, Michigan

4628 St. Aubin Ave., Detroit 7, TE. 1-7055

1532 N. Saginaw St., Flint 4, Ph. 5-2131

## **Eames & Brown**

**PLUMBING & HEATING**

**CONTRACTORS**

For

ST. MICHAEL'S CONVENT

Pontiac, Michigan

CAPITOL SAVINGS & LOAN BUILDING

Pontiac, Michigan

55 E. PIKE STREET

Pontiac 14, Michigan

FEDERAL 3-7195

# ARCHITECTS OF THE MONTH

PROMINENT WORK OF SCHLEY AND WARD, DETROIT

Cyril Edward Schley received his architectural education at Maryland Institute of Arts, and through private instruction.

He acquired his early experience in Eastern architectural offices in and around Baltimore, Md., and Richmond, Va., and later came to Detroit, where he worked in the office of Smith, Hinchman and Grylls, and the office of C. Howard Crane, with whom he became associated as a partner. He became registered in Michigan by examination in 1922, entered private practice in 1924 and continued this practice through 1942. During World War II he served as a Major in the Corps of Engineers, where he supervised extensive industrial installations and coordinated engineering equipment purchases for the Detroit District Office.

Mr. Schley has many affiliations, principally the Detroit Chapter, AIA, Michigan Society of Architects, the Detroit Athletic Club, Oakland Hills Country Club, Society of American Military Engineers, the Reserve Officers Association of the U. S., and the American Legion.

At the conclusion of World War II in 1945 Mr. Schley and Mr. Ward formed a partnership for the practice of architecture and located in Detroit, Michigan on James Couzens Highway.

FRONT ELEVATION  
OF  
ST. MICHAEL'S CONVENT  
PONTIAC, MICHIGAN

ALL PHOTOS BY  
LENS-ART DETROIT



MR. WARD



MR. SCHLEY

Ray Frederick Ward, upon receiving a degree of B.S. in Architecture from the College of Architecture at the University of Michigan, entered the office of Frederick D. Madison at Royal Oak, as a draftsman. Later he worked in the office of Derrick and Gamber Inc., and in 1934 opened his own office in Pontiac, Michigan for the practice of architecture.

At the beginning of World War II Mr. Ward became a civilian member of the U. S. Corps of Engineers, where he supervised the construction of industrial installations and Air Force facilities for the Federal Government.

Mr. Ward was registered in Michigan by examination in 1929 and is affiliated with the Detroit Chapter AIA, the Michigan Society of Architects, and the Society of American Military Engineers.

The office is of medium size and is devoted almost entirely to industrial, commercial and institutional types of work. Presently the firm is engaged in planning schools for the city of Detroit,

Pontiac, and other outlying communities. Each commission is treated individually under the direct supervision of one of the partners.



# H. H. DICKINSON CO.



**Complete  
Builders'  
Supplies**



OFFICE:  
5785 Hamilton Avenue

WAREHOUSE:  
9940 Roselawn Avenue

PHONE:  
TRinity 5-4950

POST OFFICE BOX:  
218 Detroit 2, Michigan

## THE TOLEDO PLATE and WINDOW GLASS CO.

ESTABLISHED 1889

**Manufacturers & Distributors  
Glass Jobbers and  
Glazing Contractors**

### Glass for Every Purpose

Polished Plate — Crystal Sheet  
and Window Glass

Rolled, Figured, Wired  
and Polished Plate Wired

L.O.F. Thermopane  
Insulating Units

Vitrolite Structural Glass  
Safety Glass

Metal Storefront Construction

Tee-Pee Asphalt Roofing  
Asbestone Asbestos Siding Shingles

Manufacturers of  
Mirrors — Beveled Plate  
Beau-Fort Medicine Cabinets

**The Home of the Famous  
BEAU-VUE MIRRORS**

WAREHOUSES  
DETROIT — GRAND RAPIDS  
CLEVELAND — TOLEDO

## CLOISTER, CLOISTER GARDEN AND CO



ST. MICHAEL'S CONVENT, Pontiac, Michigan, was built within a limited budget, however, every effort was made to provide a friendly, homelike

atmosphere. The building is located on a gently sloping hillside, permitting the economical location of the Kitchen, Refectory and Activity Room in what

## GLARDON and SANSOM, Inc.

(formerly Whitehead Monel Kitchens)

*"Kitchens of Quality Since 1935"*

Manufacturer's Representatives

for

## WOOD-METAL INDUSTRIES, Inc.

STEEL CABINETS  
FORMICA TOPS  
VINYL TOPS

WOOD CABINETS  
LINOLEUM TOPS  
HARDWOOD TOPS

Acid Resisting Wood Tops  
Stainless Steel Tops

13559 METTETAL, DETROIT 27

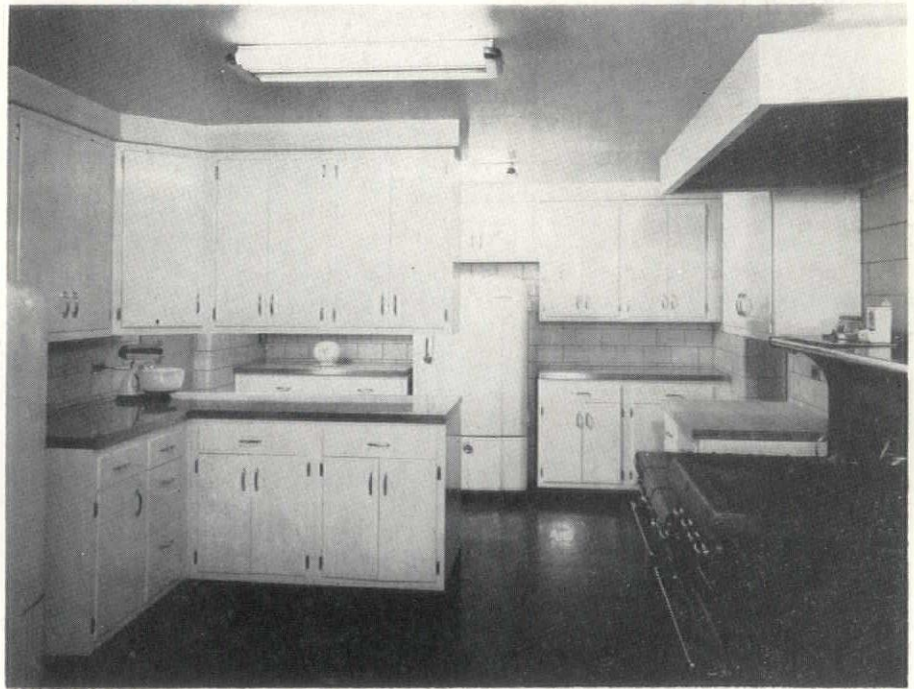
VERMONT 7-9129

## CHAPEL



would otherwise be a basement area.

Careful attention was given to the location of the living and sleeping quarters, to provide good circulation



## Schroeder Paint & Glass Co.

GLASS & GLAZING

ON

ST. MICHAEL'S CONVENT

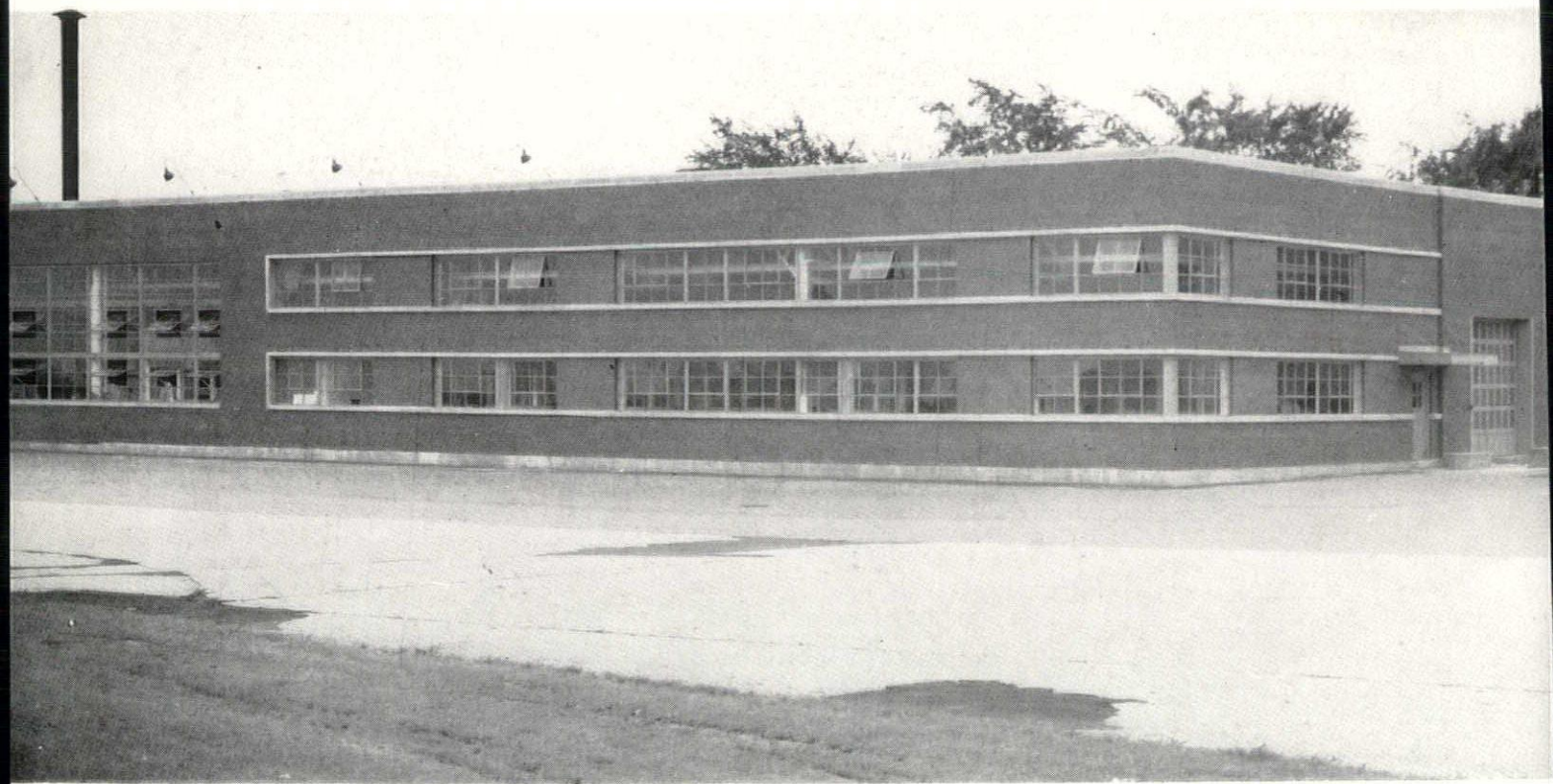
Pontiac, Michigan

5914 Twelfth Street, Detroit 8

Trinity 5-3500

within the building and eliminate as nearly as possible any feeling of institutionalism.

All materials were carefully selected for permanence and particularly for ease of maintenance.



THE FORD MOTOR COMPANY  
TEST TRACK SERVICE GARAGE,  
Dearborn, Michigan, provides space for  
the installation of new equipment on

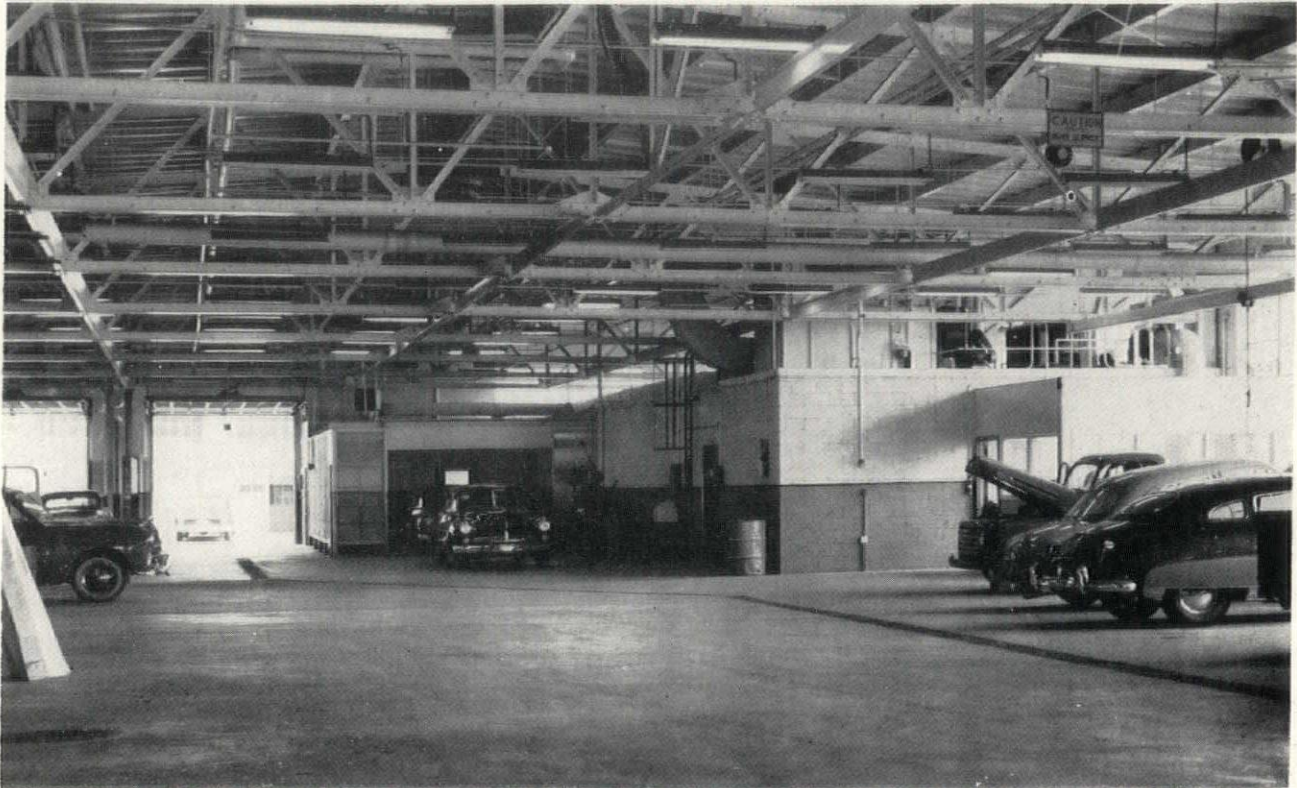
test cars for road test, as well as ex-  
perimental engineering tests.

In general, this building is typical of  
better service garages; however, special

*Lorne*  
**PLUMBING & HEATING**  
PLUMBING HEATING  VENTILATING POWER PIPING  
ENGINEERS & CONTRACTORS  
641 CONGRESS ST. W.  
DETROIT MICH.

Armstrong's CUSHIONTONE  
Ceilings  
in  
FORD MOTOR TEST TRACK GARAGE  
by  
**Detroit Acoustical Contracting Co.**  
5050 JOY ROAD, DETROIT 4  
TEXAS 4-7870

**RAYNER ROOFING CO.**  
ROOFING & SHEET METAL CONTRACTORS  
For  
FORD MOTOR TEST TRACK GARAGE  
7707 LYNDON AVE., DETROIT 21  
UN. 4-1700



experimental testing equipment is located in one wing, and office space is provided in the corner of the building illustrated for the office personnel

connected with the test track. The office portion is completely air conditioned.

"DEPEND ON A DEPENDABLE NAME"

### JOHN A. MERCIER BRICK COMPANY

3895 Roulo Ave., Dearborn

VI. 1-0761

MANUFACTURER & DISTRIBUTOR

## Slag Block *Mercrete* Slag Brick

Lighter in Weight **QUALITY FACE BRICK** Lighter in Color

"SPECIFY THE BEST"

### FACE AND GLAZED BRICK

Of Every Kind and for Every Purpose

### STRUCTURAL FACING TILE

Ceramic Color Glazes — More than fifty colors and in all sizes.  
Clear Glazes - Salt Glazes - Unglazed - Various Colors and Sizes

### SPECIAL INDUSTRIAL FACING TILE

Glazed and Unglazed

ANTI-HYDRO — Concrete Waterproofing and Floor Hardened

FREDERIC B. **STEVENS** INCORPORATED

1800 - 18TH ST.

Detroit 16, Mich.

TAshmoo 5-0725

## WINKWORTH FUEL & SUPPLY COMPANY

ESTABLISHED 1910

TRANSIT MIX

SAND

GRAVEL

CEMENT

&

PLASTERING MATERIALS

8829 WEST JEFFERSON AVE.

Detroit 17

VINEWOOD 2-4000

THE CAPITOL SAVINGS AND LOAN COMPANY BUILDING is located in the business district of Pontiac, Michigan, over a branch of the Clinton River, known as Pontiac Creek. During the greater part of each year Pontiac Creek is a gentle stream, however, it can easily reach flood proportions and,

## Pontiac Millwork Company

### FINE ARCHITECTURAL MILLWORK

We have Northern White Pine (*Pinus Strobus*) for exterior window frames.

#### MILLWORK

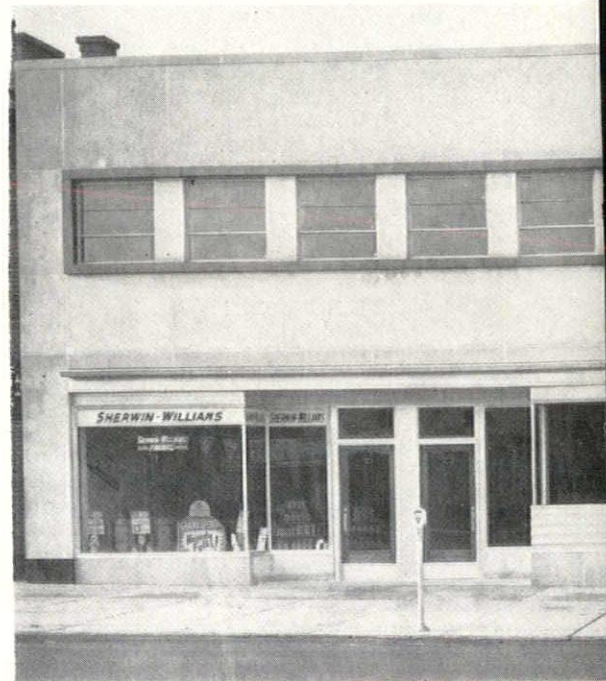
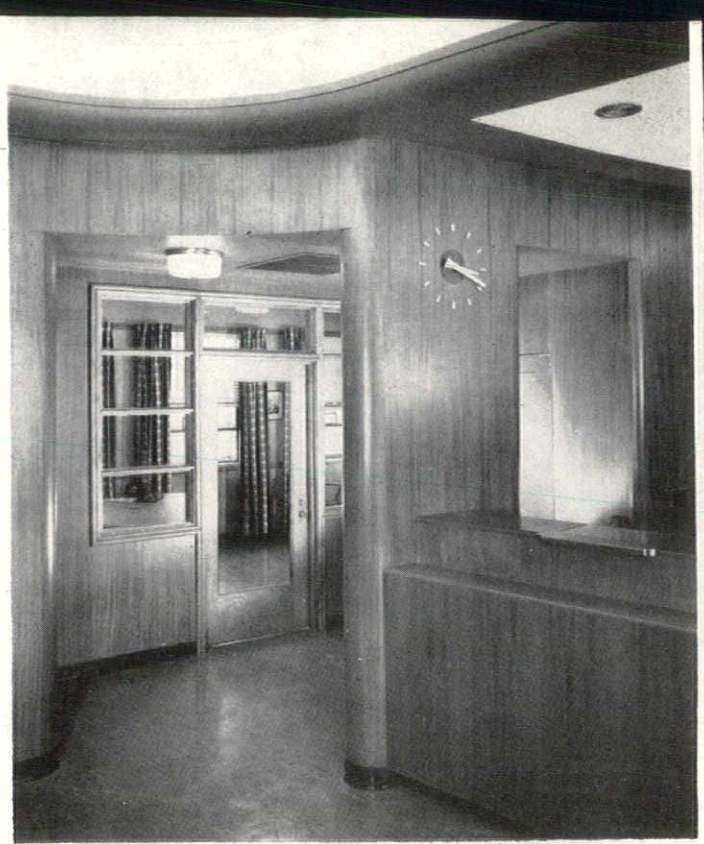
ON CAPITOL SAVINGS & LOAN

Factories at Pontiac and Frankfort, Michigan

OFFICE at 2005 Pontiac Rd.

Pontiac 17, Michigan

PHONE Federal 5-6024



## MEIER CUT STONE Co.

FINE BUILDING STONES FOR FINE BUILDING PROJECTS

SERVICE  
SINCE  
1865

MAIN OFFICE  
9664 French Road  
at Gratiot  
Detroit 13, Mich.  
WALnut 1-3343

Yard No. 2, 6615 French Rd.



corner of the building and across the parking lot at the rear of the property.

The building houses the banking quarters for the Capitol Savings and Loan Company, two stores, and rental office space on the second floor.

Careful consideration was given to the design of the banking portion of the building so as to provide a warm and friendly atmosphere. Near the front of the building a photomural depicting Michigan scenes has been integrated into the interior design of the Banking Room. The entire building, including the rental areas, is air conditioned.



consequently, it was necessary to completely contain the stream at flood stages in a reinforced tunnel fourteen feet wide, extending through one

## BALLARD ELECTRIC

COMMERCIAL & INDUSTRIAL  
WIRING SPECIALISTS

WIRING & LIGHTING FIXTURES  
FOR  
CAPITAL SAVINGS & LOAN BLDG.  
PONTIAC, MICHIGAN



543 SO. PADDOCK STREET

Pontiac 14, Michigan

FEDERAL 4-4201

ATLANTIC METAL PRODUCTS, INC.  
• Hollow Metal Doors & Frames  
• Kalamein & Tinclad Doors

KANE MFG. CO.  
• Light Proof Shades

VENTILOUVRE CO.  
• Louvres

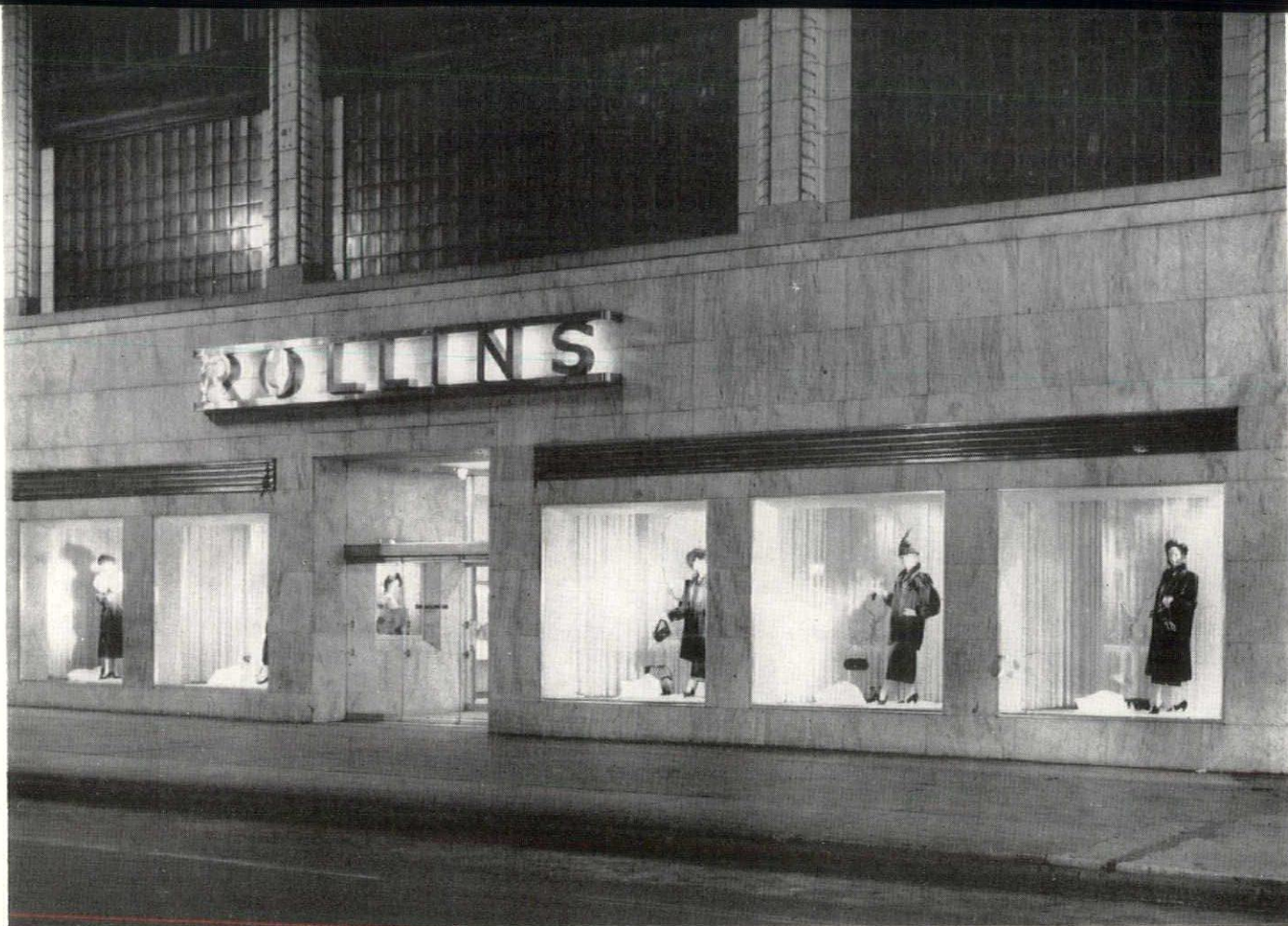
ENGINEERING • MATERIAL • INSTALLATION

*N. W. Hamill Co.*

GENERAL LEAD CONSTRUCTION CO.  
X-Ray Protection • Engineering  
Fabrication • Installation

UNIVERSAL WINDOW CO.  
Donovan Awning Type Windows  
THE KAWNEER COMPANY  
Institutional Entrances  
Aluminum Flush Doors

Caulking • Tuck-Pointing • Weatherstrips  
407 EAST FORT STREET • DETROIT 26 • WOODWARD 1-0110



## ARROW STEEL CO.

STRUCTURAL STEEL FABRICATOR

For

ST. MICHAEL'S CONVENT

CAPITOL SAVINGS & LOAN BUILDING

ROLLINS COMPANY STORE

12115 CLOVERDALE AVENUE

Detroit 4, Michigan

WE. 3-0026

THE MODERNIZATION OF THE ROLLINS COMPANY STORE, located on downtown Woodward Avenue, Detroit, Michigan, embraced a first-floor expansion equal to the original first-floor area, rearrangements of sales departments on the first floor, complete air conditioning of the first floor, and the rearrangement of the entire basement into a Fur Storage Room. The Fur Storage Department is completely insulated and refrigerated.

## R. L. Spitzley Heating Co.

INCORPORATED

SPITZLEY RETTENMIER SHEET METAL CO.  
SUBSIDIARY

HEATING - PLUMBING - INDUSTRIAL PIPING  
AIR CONDITIONING - VENTILATING  
PIPE AND SHEET METAL FABRICATION

Tel. Woodward 1-0840 1200 FORT ST. WEST  
DETROIT 26, MICHIGAN

Interior views of the Rollins Store show the careful attention given to store fixtures, furnishings and lighting. It is interesting to note that merchandise displayed in counters is illum-



inated entirely by overhead lights. Floors are covered with carpeting or rubber tile as required to define departments to withstand the type of traffic to which they are subjected.

## *Turner-Brooks, Inc.*

FLOOR COVERING AND ACOUSTICAL CONTRACTORS

TOwnsend 8-2470

9910-30 DEXTER BOULEVARD

Detroit 6, Mich.

## **R. D. THAYER COMPANY**

WATERPROOFING CONTRACTORS AND ENGINEERS

COMPLETE WATERPROOFING SERVICE  
*For The Preservation of Your Structure*

WORKING IN COOPERATION WITH  
LEADING WATERPROOFING MANUFACTURERS

2701 JOY ROAD  
DETROIT 6, MICH.  
TYler 6-9626

842 HALL ST., S. E.  
GRAND RAPIDS 7  
Phone: G. R. 5-5180

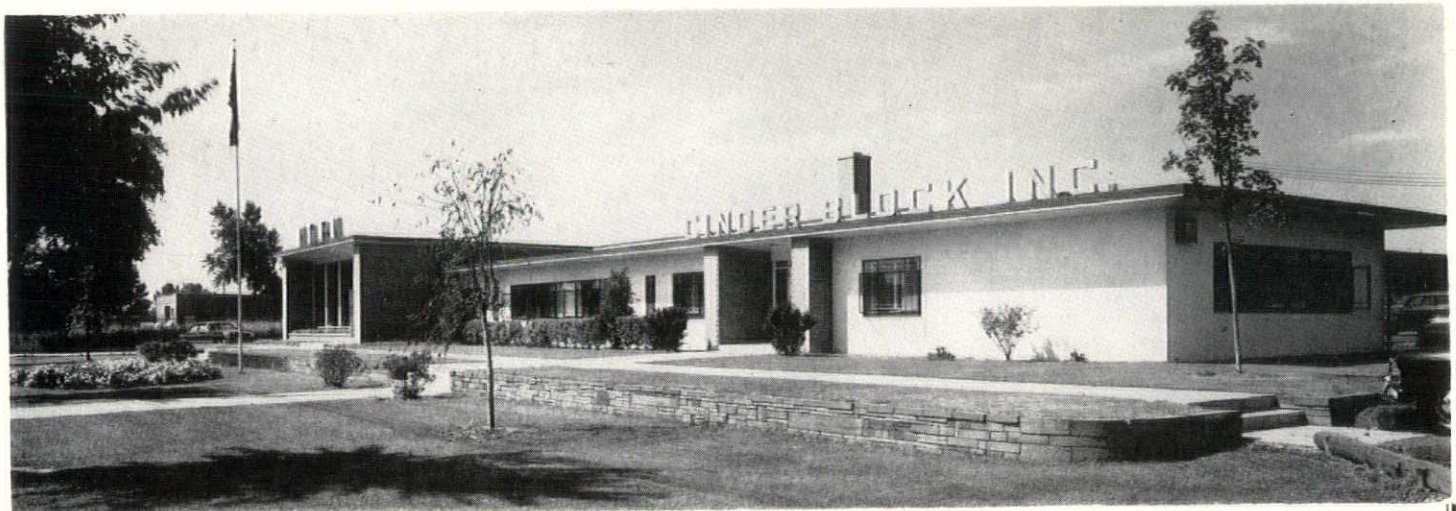


THE STUDIO FOR LENS-ART PHOTOGRAPHERS, Detroit, Michigan, was built shortly after the close of World War II for two returned veterans. Because of an extremely limited budget, special consideration was given

in planning to eliminate unnecessary space and to provide a method of processing photographic plates from the camera to the mounted print in an almost continuous production operation unlike anything ordinarily used by

custom photographers.

Space is provided for sales, studio, dressing rooms, film-loading, film-developing, enlarging, printing, retouching, and mounting of finished work.



*An Established Dealer  
Carrying a Complete Line of All  
Masonry and Plastering Materials*

Distributors of Concrete Masonry Reinforcing

## HORN FUEL & SUPPLY CO.

9133 Hubbell Ave., Detroit 28

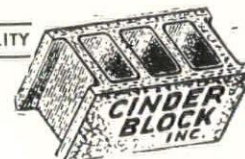
11841 Kercheval Ave., Detroit 14

VERmont 8-2200

VALley 2-4450

**MANUFACTURERS OF  
CINDER CONCRETE MASONRY UNITS  
SINCE 1923**

CONTROLLED QUALITY

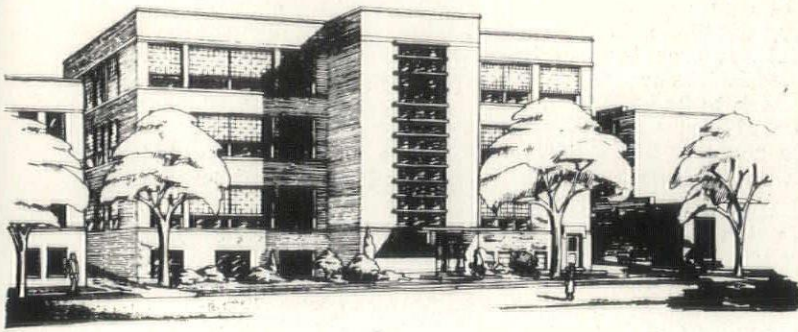


STEAM CURED

9143 HUBBELL AVE.

DETROIT 28

VERmont 8-3200



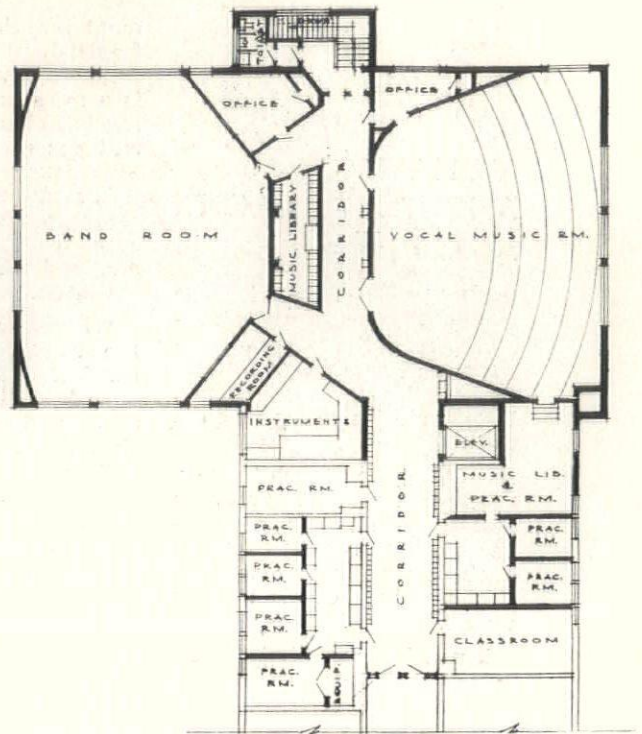
THE MUSIC AND SCIENCE DEPARTMENTS ADDITION to the Pontiac High School, Pontiac, Michigan, has been planned as the last unit of an emergency expansion program and, conditions permitting, may be started late in the year 1951. The addition is rather unusual, as it includes three well-defined, unrelated branches of the High School curricula. The real benefit to the school, aside from the new facilities provided, arises from the fact that the space presently allocated to the Cafeteria, Science and Music Departments in the existing school, may now be more efficiently divided into numerous class rooms, which are badly needed.

One of the interesting features is the subdividing of the Cafeteria into four rooms, thus permitting this area to be used for teaching and study-hall purposes during four class periods each day when the rooms are not otherwise in use as dining rooms.

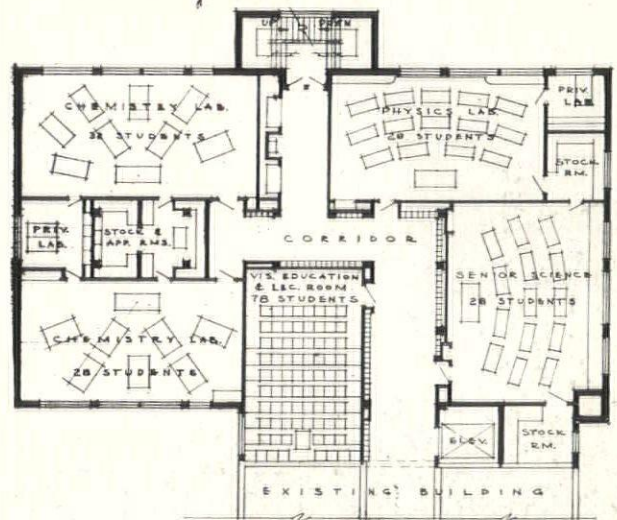
Extensive study in cooperation with the teaching staff of the Science Department resulted in an arrangement of science laboratories without the usual lecture rooms. While the lack of adjacent lecture rooms may be unusual, the teachers are enthusiastic over the opportunity of teaching in the laboratories.

Another interesting development is the complete isolation of the Music Department, accomplished by locating this department on the top floor and separating it from the rest of the building by soundproof doors, separate ventilation system, and acoustical treatment for isolation as well as absorption of sound.

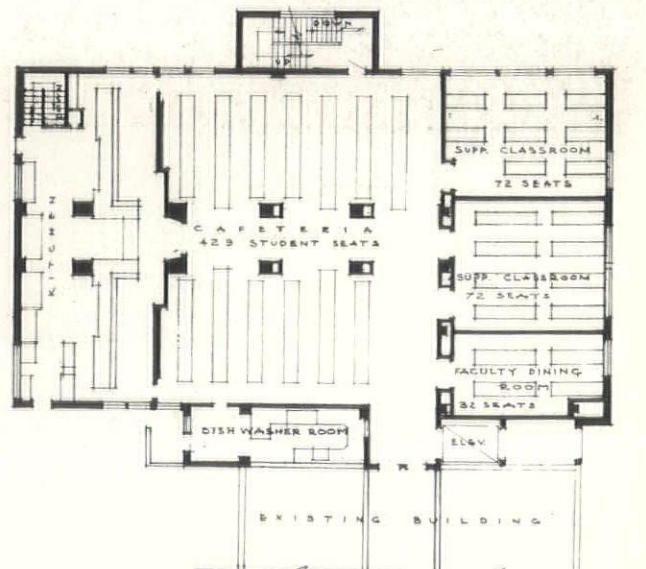
MUSIC  
DEPARTMENT  
THIRD FLOOR



SCIENCE  
DEPARTMENT  
SECOND FLOOR



CAFETERIA  
FIRST FLOOR



# Products News

## WARM AIR HEATING— AND WITHOUT A BASEMENT!

By ALICE HOLTON

Architectural ideas change with the years, dotting the landscape with structures which vary from the tall and compact to the low and rambling. Finding favor right now is the ranch-type home, with all of its facilities grouped on a single floor.

Regardless of the type of architecture, however, old-style comfort is yet very much in demand. On a bitterly cold morning, a warm house is a prime necessity and there's no better way of assuring cold-weather comfort than with warm air heating.

For years it was believed that a basement was necessary if one was to enjoy a central heating system—that is, if there were no basement heat just HAD to be supplied by pot-bellied stoves, space heaters or fireplaces.

Modern furnace design has changed this picture. Today, owners of small homes, particularly basementless homes, may enjoy the luxury of furnace heating in the one-story home.

Specially designed for basementless homes and individual units of apart-

ment buildings is the modern "Superflex Hi-Boy" Furnace, a product of Perfection Stove Company. The "Hi-Boy" is a miracle of compactness and heating efficiency, available in both oil and gas models. It occupies less than four square feet of floor space. Thus it is small enough to be installed in an ordinary-size clothes closet, in the corner of a utility room or kitchen, on an enclosed back or side porch, or even in the attic.

When Perfection engineers designed the Superflex "Hi-Boy," they placed comfort, convenience and safety at the top of the list. The "Hi-Boy" was given a protective air-insulated casing so that the unit could be placed within a few inches of the wall—an ideal space-saver. Also to save space, all controls, burners, air filters, draft diverter and cleanout were made accessible from the front.

The "Hi-Boy" embodies the same fundamental design made famous by other furnaces in the Superflex line. Only in size is it different. Its three-stage fire and two-speed blower are so synchronized with the thermostat that the dwelling temperature is kept at a uniform level. The wall thermostat is set at the desired temperature and the automatic controls take over, circulating heat throughout the house, in large or small quantities as desired.

Where heating requirements do not exceed 67,000 B.t.u.'s per hour a single "Hi-Boy" Furnace is adequate to supply the heating needs, in all kinds of weather. Some householders, coveting the compactness and convenience of the "Hi-Boy," have been known to install two of them in their over-size ranch homes.

During the past two or three years, apartment dwellers too have discovered the advantages of individual "Hi-Boy" units, which give them the degrees of heat which match their own individual needs. In duplexes, rows and apartment houses where each tenant supplies his own heat, residents see the advantages of automatic heat with fingertip control right in their own dwelling instead of down a flight of basement stairs. Where basements exist, putting the furnace on the main floor also means more below-floors space for recreation, workshop, laundry and storage use.

With the ordinary "Hi-Boy" installation, duct work from the furnace is carried overhead, concealed in the ceiling. Return duct work is carried beneath the floor. Heat is distributed through warm air registers, usually measuring a normal 8-ft. high. Assuming that the home is adequately insulated, five normal size rooms can be comfortably heated in all kinds of weather, with a single Superflex "Hi-Boy" Furnace. However, Perfection engineers say that the better built and the better insulated home, the greater the possibilities for heating more space than the specified five-room area.

## PRODUCERS MEETINGS

Detroit Chapter, Producers Council, Inc. met at the Sheraton Hotel in Detroit for cocktails, dinner and program on the evening of January 8.

Much good fellowship prevailed at the social hour and many architects were in evidence. Producers Honorary Member, Bill Cory sported a badge that read "Ornery Member," but that didn't bother him. He is doing a good job arranging the exhibits for the Michigan Society of Architects Convention at the Statler, March 7-10. Bill, as every one knows, is well versed.

We asked Ted Seemeyer to pick the tie of the evening, but he said it was too close to Christmas, so he gave up in confusion.

President Louis Ollesheimer thanked W. F. Mulcahy, Chairman of the Program Committee; also Chairman of Entertainment, "Colonel" Bill Portland, who has just been redecorated. His next official act (and no doubt his last) will be the unveiling of a bust of Louis in Cadillac Square. It will no doubt be a complete bust.

Speaker of the evening was Mr. L. Glen Shields, Chief of the Plumbing Bureau, City of Detroit, who spoke on "Uniform Standards in the Plumbing Industry—Their Progress and Development." Mr. Shields gave his audience an insight into the development of the standard code that is now in its final stage, and urged that architects, producers and others help implement it. He pointed out that Michigan is a great vacation state, yet in the rural communities there are no regulations governing the installation of sanitary equipment. Eight of the leading U. S. organizations interested in the matter have cooperated in compiling this national code, which should go a long way in remedying adverse conditions we have had in the past.

Other Producers present: E. J. Anderson, Frank S. Snow and F. C. Richards, of Josam; Bill Andrew of W. T. Andrew; H. M. Armstrong, Earl Betts and R. G. Karro, of American-Standard; Joe Busse and John Owen, of Libby-Owens-Ford; J. E. Carr and R. J. Ogden, of ALCOA; R. J. Collins of J. A. Zurn; Clare A. Davis and James Cole, of Davis Bros.; R. L. Deppman of the same name, Edward DeYoung of Speakman, R. C. Faulwetter of U. S. Quarry Tile; Harry Fritsam and Dave Saunders, of Otis Elevator; James A. Gillman of Kentile, Al Hann of Hill-yard; E. R. Harrigan, Joseph Loree and Wm. J. Whelan, of Harrigan & Reid; Dick Hoppe, of Detroit Steel Products Co., Chas. M. Houff of Hauserman; D. T. Kingman, W. A. Snure and D. M. Wismon, of Unistrut; Bert G. Kuiper and Laurence Bernstein of Ramset Fasteners; S. H. McNall (Pittsburgh Chapter, P. C.), Structural Clay Products Institute; G. F. Muller of Pittsburgh Plate Glass Co., R. E. Lohmen of C. L. Mahohey, Don Ollesheimer of Fiat; G. H. Hetrick and Bob Rackett, of Armstrong Cork Co.; R. G. Richard-



son and John G. Ball, of Spencer Turbine; W. R. Sherman of National Fireproofing.

Architects: Leo M. Bauer, President of the Michigan Society of Architects; C. William Palmer, Liaison Officer, P. C. and Detroit Chapter, A.I.A.; M. G. Betts of Harley, Ellington & Day; E. Dennis Armond and E. D. Sheley, of Giffels & Vallet, L. Rossetti; W. Hayes, C. M. Herring and A. W. Leppanen, of H. E. Beyster Corp.; T. C. Hughes; G. A. Watts of Leo M. Bauer; A. W. Roberts and Geo. C. Toennings, of Smith, Hinchman & Grylls; Harry A. Roe of Boddy-Benjamin.

Engineers: A. F. Caghey, F. O. Jordan; Gil Getchell of Snyder & McLean; Winston T. Kellogg of E. R. Little.

## LUNCHEON MEETING

At the Producers luncheon at the Sheraton on January 24, Mr. Charles Mortenson, Field Director of the P. C. national office, was the speaker. He gave a good report on what has happened so far in Government restrictions and what is likely to happen in the future. He believes there will still be a lot of construction unless we are in an all-out war. The speaker also discussed chapter activities under a state of emergency.

Bill Portland reported on the membership roster, saying that there have been some changes made, and a few more are to come. Jim Gillman of Kentile is to be transferred to Chicago. Earl Betts of American-Standard has received his "Greetings" from the Marines.

Thirty-six attended the luncheon. All were in good standing, except several architects.

## PRODUCTS LITERATURE

There is still time for architects to nominate manufacturers' literature for the 1951 Building Products Literature Competition being sponsored by The Producers Council and The American Institute of Architects. Nominations will be accepted until March 15.

Awards will be made on the basis of three classifications:

1. Literature concerned primarily with basic technical information (handbooks, manuals, or any material offering general information on design, specifications, methods of application, where emphasis is upon the problem, rather than on the merits of a particular product).
2. Literature confined to the particular products of a single manufacturer (catalogs, catalog manuals, etc.).
3. Literature of a primarily promotional nature (reminders, announcements, testimonials, etc.).

Certificates of merit will be awarded in each class. Certificates of exceptional merit may be awarded, at the discretion of the Jury of Awards. Awards will be announced and presented during the Annual Convention of The American Institute of Architects, in May 1951, and the literature receiving awards will be

placed on exhibition there.

In addition to announcing the selections, the Jury of Awards will prepare a statement analyzing their reactions to the material submitted, with particular attention to that which receives an award, together with such further comment as they believe will assist the producers of building product literature in making their publications directed to architects more welcome and more effective.

Architects may nominate one or more pieces for the competition by letter reference addressed to Department of Education and Research, The American Institute of Architects, 1741 New York Avenue, N.W., Washington 6, D. C.

Manufacturers or their agencies may enter one or more pieces of their own literature by sending three samples of each entry addressed to the Technical Director, The Producers' Council, Inc., 1001 Fifteenth St., N.W., Washington 5, D. C. A fee of \$10.00 should accompany the entry or entries of each manufacturer or organization.



"I'm sorry, Madam—The manufacturers just haven't designed any for pets."

## FREDERIC B. STEVENS, INC., STILL FORGES AHEAD

More than half a century ago, when Detroit's population was about a quarter of a million, Frederic B. Stevens founded the present organization of Frederic B. Stevens, Inc., which today is recognized as one of the nation's leading suppliers of all types of brick and tile.

During this more than half a century, the Stevens Organization, through continuous dealings with the country's leading manufacturers of brick and tile, has learned how to select from outstanding producers, those products which offer the most to contractors and builders.

The roster of manufacturers whose products are distributed by the Stevens Organization, thus becomes one which represents only those concerns which maintain the highest manufacturing standards of the ceramic industry. Products in a wide variety of sizes, shapes and colors are available from various

sections of the country—Pennsylvania, Ohio, West Virginia, Illinois and Indiana. It is a natural consequence therefore, that architects, engineers, contractors and builders have come to realize the many advantages of dealing with Stevens.

A visit to the modern Display Rooms of Frederic B. Stevens, Inc., at 1800 Eighteenth Street is well worth while. There, samples of numerous face and building brick, tile, etc., in various shapes and colors are advantageously displayed, helping the buyer in no small way to choose those products best suited for his specific requirements.

Frederic B. Stevens, Inc., has, through the years, played an important part in the building of Greater Detroit—having furnished much of the brick and tile used in various types of buildings.

The staff of the Building Materials Division of this old Detroit firm is always available to architects and builders for explaining and informing them of new and important developments in the industry, and the many and varied uses of brick and tile in modern day construction.

## MASTER BUILDERS PRESENT "CAVALCADE OF CONCRETE"

The Master Builders Co. of Cleveland, Ohio, presented its instructive "Cavalcade of Concrete" program at a cocktail party and dinner recently at the Hotel Sheraton, Detroit.

E. H. Fenker, F. W. Henning and Scott L. Hammann of the 40-year-old firm's Detroit office were hosts to about 100 architects and engineers.

Along the wall of the room were illuminated display cases demonstrating the advantages of dispersed concrete over plain concrete; how Pozzolith, a cement dispersion product increases work-ability with no extra water; the merits of iron concrete surface in Masterplate, the Embeco, a non-shrink method of grouting, to mention a few.

E. L. McFalls, executive vice president of Master Builders, B. R. Wood, industrial sales manager, and C. A. Lyon, district manager, were at the meeting. Homer Andrews presented the film "Concrete Facts" tracing the search for better cement and concrete from ancient Egypt down to the present day when concrete "has now become of age."

A question-and-answer period followed the program in which Ted Knight of Frank J. Knight Co. and Jack Winkworth of Winkworth Fuel & Supply Co. among others, spoke of their experiences with some of the products shown.

Among the prominent members of M.S.A. at the dinner we noted Harry M. Denyes, Stanley Bragg, Delphin S. Budzynski, Prof. L. Robert Blakeslee of University of Detroit, Arthur O. A. Schmidt, Stewart S. Kissinger, Earl G. Meyer, Raymond C. Perkins, William H. Odell, J. Ivan Dise and associate member, A.I.A., R. E. Muentner—TGS.

## THE CONTRACTOR SPEAKS

*From The Pasadena Chapter, A.I.A.*

Clift Hoskins, Chairman of the Committee on Architectural Practice presents the following pertinent and timely information:

In seeking to better relations between architects and contractors and also raise the standard of working drawings and specifications, your Committee on Architectural Practice contacted ten local contractors and asked for any suggestions or criticism they could offer.

The Committee's letter was read and discussed at a meeting of the Building Contractors' Association. The following suggestions were gleaned from this meeting and also individual replies:

**BIDDING.** A contractor should be furnished two sets of plans, free of charge. The bidder should be allowed to keep these sets until contract is let or he is definitely out of the competition.

Bidder's list should include only contractors who limit their operations to working for architects and not the "Designer-Builder" who competes with architects.

Addendas are too often received the day before or on the day the General Contract Bid is due, making it practically impossible to contact the Subs involved.

Alternates should be requested only where they are believed to be of special importance to the owner.

The contractor is entitled to assume the architect has investigated all the local ordinances pertaining to the design and construction of the building. On some jobs time and extras would be saved if a plan check was made by the

Building Department prior to opening of bids.

Bidders should be limited to contractors of established skill, integrity and responsibility.

Adequate price competition may be obtained from six bidders on larger jobs and four on smaller ones. When 12 or 14 bids are taken on one job it is detrimental to all concerned. (This method used to make bids match an estimated cost is one of the contractors' greatest gripes.)



"Hmm! Very interesting specifications."

Contractors are entitled to know what the bids of their competitors are, as it is beneficial in figuring other work.

Bids should be delivered at a designated place and time, preferably on a Tuesday, Wednesday, Thursday or Friday afternoon, but not on a day following a legal holiday.

**SPECIFICATIONS.** Allowances which are to be carried by the sub-contractors should be clearly indicated in the

sections of the Specifications involved.

The use of the term "or equal" causes uncertainty and misunderstanding. Specify what you want if the owner is prepared to pay a non-competitive cost. Otherwise specify two or more equal materials, leaving the choice to the bidder.

Plans can be figured closer if the different trades are sure their work is all specified in one section under the title of the trade. It is always a bit disconcerting to the sheet metal man if a part of his specification is tucked away under Plumbing or Roofing.

**DRAWINGS.** Suggested improvements for better working drawings stressed simplification. Small houses having thirty different sections for the foundation walls, nine different plate heights, all varying only two or three inches, add much to the cost in materials and labor. Window frames can be designed requiring fewer different members.

Door, window, painting and finish schedules bound directly into the working set are very helpful both in figuring plans and avoiding disputes while work is in progress.

Considering the fact that the Committee left itself wide open by asking for criticism and knowing some of our own faults, we feel great restraint was shown by the contractors in holding themselves to the above mild and logical criticisms.

**JOSEPH C. WALLICH**, of the Wallich Lumber Co., was elected president of the Builders and Traders Exchange. He succeeds W. Wilbur White. Nelson H. Marlow and Carl W. Dambrun were elected vice presidents, and Jack Wettlaufer, treasurer. E. J. Brunner remains as secretary-manager for the 24th year.

*GEORGE J. HAAS, A.I.A. (at right) presiding at a recent meeting of the Producers Council in Miami, Fla. Beside the president is Mrs. Haas.*

*It was during George's administration as president of the Michigan Society of Architects that the idea of the Society's own publication was first advanced. During John Stahl's administration, which followed, it was put into effect.*

## MACOMBER "V" BAR JOIST

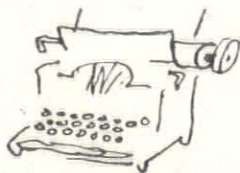
CARRIED IN STOCK  
AND FABRICATED FOR  
PROMPT DELIVERY

HUGH LEE IRON WORKS, INC.  
323 So. Water St., Saginaw, Mich.



## DIRECTORY OF ADVERTISERS

|                                     |           |
|-------------------------------------|-----------|
| Aluminum Supply Co.                 | 2         |
| Armstrong Co., The                  | 10        |
| Arrow Steel Co.                     | 22        |
| Austin's Painters                   | 14        |
| Back, Wm. F. Lumber Co.             | 4th Cover |
| Ballard Electric                    | 21        |
| Braun Lumber Co.                    | 4th Cover |
| Burke, O. W. Co.                    | 4         |
| Cadillac Glass Co.                  | 3rd Cover |
| Century Brick Co.                   | 8         |
| Chaplow, B. A. Lumber Co.           | 4th Cover |
| Cinder Block, Inc.                  | 24        |
| Couse, Walter L. & Co.              | 6         |
| Daelyte Service Co.                 | 8         |
| Darin & Armstrong, Inc.             | 12        |
| Den Braven, M. Co.                  | 6         |
| Detroit Acoustical Contracting Co.  | 18        |
| Detroit Brick & Block Co.           | 2         |
| Detroit Edison Co.                  | 1         |
| Detroit Lumber Co.                  | 4th Cover |
| Dickinson, H. H. Co.                | 16        |
| Diebold, Inc.                       | 4         |
| Donley Bros. Co., The               | 14        |
| Dunn Blue Print Co.                 | 2         |
| Eames & Brown                       | 14        |
| Eastern Cabinet Works               | 6         |
| Freeman, John H.                    | 3rd Cover |
| Glanz & Killian Co.                 | 12        |
| Glardon & Sansom, Inc.              | 16        |
| Grace Harbor Lumber Co.             | 4th Cover |
| Hamil, N. W. Co.                    | 21        |
| Hanley Co.                          | 10        |
| Harrigan & Reid Co.                 | 4         |
| Heineman & Lovett Co.               | 3rd Cover |
| Horn Fuel & Supply Co.              | 24        |
| Huron Portland Cement Co.           | 10        |
| Hutton, Robert & Co., Inc.          | 4         |
| Koenig Coal & Supply Co.            | 6         |
| Koolvent                            | 2nd Cover |
| Krieghoff Co.                       | 2         |
| Kurtz Brick Co.                     | 12        |
| Kutsche, A. W. & Co.                | 10        |
| Lee, Hugh Iron Works, Inc.          | 28        |
| Long Sign Co.                       | 2         |
| Lorne Plumbing & Heating Co., Inc.  | 18        |
| Martin, F. H. Construction Co.      | 4         |
| Meier Cut Stone Co.                 | 20        |
| Mercier, J. A. Brick Co.            | 19        |
| Michigan Consolidated Gas Co.       | 4th Cover |
| Moynahan Bronze Co., Inc.           | 2nd Cover |
| Multi-Color Co., The                | 3rd Cover |
| Nelson Co.                          | 12        |
| Odien, George A., Inc.              | 12        |
| Plastic Products Co.                | 8         |
| Pontiac Millwork Co.                | 20        |
| Rayner Roofing Co.                  | 18        |
| Restrict Lumber Co.                 | 4th Cover |
| Rogers, Maurice V. Co.              | 6         |
| Sales, Murray W. & Co.              | 6         |
| Schroeder Paint & Glass Co.         | 17        |
| Sibley, F. M. Lumber Co.            | 4th Cover |
| Spitzley, R. L. Heating Co.         | 22        |
| Standard Building Products Co.      | 2         |
| Sterling Structural Steel Co.       | 4th Cover |
| Stevens, Frederic B., Inc.          | 19        |
| Stevens Heating & Ventilating, Inc. | 2nd Cover |
| Thayer, R. D. Co.                   | 23        |
| Thomas Brick & Tile Co.             | 10        |
| Toledo Plate & Window Glass Co.     | 16        |
| Turner-Brooks, Inc.                 | 23        |
| Viking Sprinkler Co.                | 12        |
| Winkworth Fuel & Supply Co.         | 19        |
| York-Detroit Corp.                  | 4         |
| Zololite Co.                        | 14        |



### Duplicate!

- BLUEPRINTS (Nu-Blue)
- PHOTOSTATS (Sharp)
- PHOTOGRAPHIC MURALS

ENLARGEMENTS • TONING  
MOUNTING

*Snappy Delivery Service!*

CALL FOR OUR SALESMAN

**The Multi-Color Co.**

629 Woodward  
WO. 1-0666

126 Delaware  
TR. 5-0780

## Heineman & Lovett Co.

WATERPROOFING ENGINEERS AND CONTRACTORS

**I** GENUINE  
IRON BOND  
SYSTEMS



**H<sub>1</sub> - TEX**  
CEMENT  
COATINGS

For Basements, Pools, Tanks  
And Other Sub Structures

Restoring Concrete & Masonry  
Super Structures, Cement Coating  
For Waterproofing & Decoration

5327 Tireman Avenue, Detroit 4, Michigan

TYler 6-1226

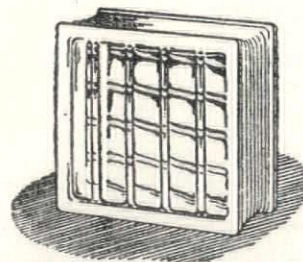
## JOHN H. FREEMAN COMPANY

Distributors

*Builders' Hardware • Contractors' Supplies*

3627 CASS AT BRAINARD  
DETROIT 1, MICHIGAN  
T E M P L E 1-6760

## Glass Block



FOR YOUR PLANT  
Now!

CRITICAL MATERIALS ARE NOT REQUIRED TO ERECT GLASS  
BLOCK PANELS IN THAT NEW PLANT ADDITION — OR IN  
REPLACING WORNOUT SASH IN EXISTING BUILDINGS.

*Get Insulux Glass Block — Without Delay*

CALL VALLEY 1-7200

**CADILLAC GLASS COMPANY**

2570 HART AVENUE, DETROIT 14, MICHIGAN

John J. White, Jr., Field Sec'y.  
The American Inst. of Architects  
1741 New York Ave., N. W.  
Washington 6, D. C.

# MONTHLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

120 Madison Avenue • Detroit 26

You may enter my subscription for one year at \$3.

I enclose: ☐ CHECK ☐ CURRENCY ☐ MONEY ORDER ☐ BILL ME

- ☐ New Subscription from this Date: .....  
☐ Renewal from Date of Expiration .....  
☐ To Name and Address Above .....  
☐ Or to the Following: .....

Name

Address

*Fabricators & Erectors of Structural Steel for Over Twenty-Five Years*

# STERLING STRUCTURAL STEEL CO.

*Structural and Miscellaneous Iron Work*

VE. 8-0230

12700 LYNDON  
At MEYERS ROAD  
DETROIT 27, MICH.

— LUMBER DEALERS —

*Wm. F. Back* 

LUMBER CO. WA. 1-9460  
5172 ST. JEAN AVENUE • DETROIT 13, MICHIGAN

BRAUN LUMBER COMPANY

TO. 8-0320

1555 E. Davison

Detroit 3

# GRACE HARBOR Lumber Company

13833 West Chicago ESTABLISHED 1892  
DETROIT 28, MICH. WE 3-4913

DETROIT LUMBER COMPANY

VI. 1-2090

5601 W. Jefferson Ave.

Detroit 9

# Restrick Lumber Company

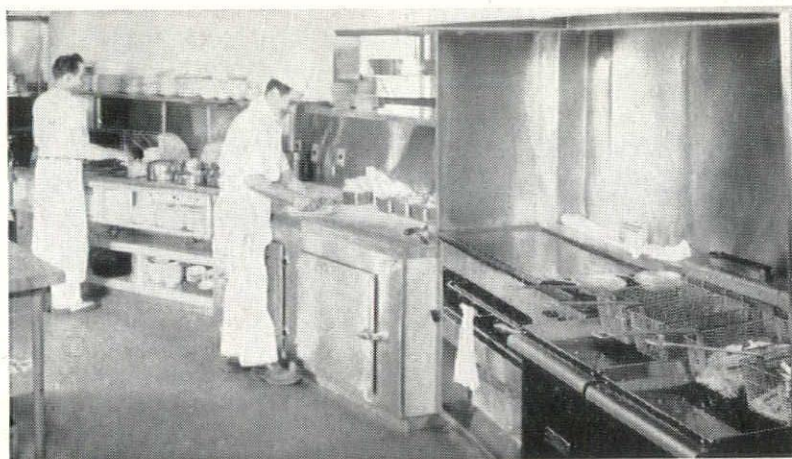
Since 1884  
14400 WYOMING AVENUE  
DETROIT 21, MICHIGAN  
WE. 3-4830



F. M. SIBLEY  
LUMBER CO.  
LO. 7-5100

6460 Kercheval Avenue  
Detroit 14, Mich.

# Good food, quick service with all-Gas equipment



Cupid's Drive-In Restaurant, at 12230 E. Warren, Detroit, is a popular place for delicious food, quickly prepared and tastefully served. Gas-fired equipment, including 3 fryers, broiler and griddle, steam table, 2-oven

range, bake oven and coffee urn—are used to prepare the foods served in this unusual restaurant. A commercial gas water heater furnishes hot water for kitchen, washroom and dishwashing use.

# MICHIGAN CONSOLIDATED GAS COMPANY

415 Clifford, Detroit