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Cottonwood Condominiums
Balthazar Korab—
Frederic A. Bertram Residence
Contemporary Arts Museum
First Church of Christ, Scientist
Port Huron, Michigan
Rossetti Associates Office Building
State Police Training Academy

THE MONTHLY BULLETIN IS PUBLISHED BY THE MICHIGAN SOCIETY OF ARCHITECTS TO ADVANCE THE PROFESSION OF ARCHITECTURE IN THE STATE OF MICHIGAN.

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Monthly Bulletin, Michigan Society of Architects, is published monthly by Gary R. Grout Associates, Inc. Advertising Office — 725 S. Adams, Birmingham, MI 48011; Phone 647-6077. Paid as second class matter January 15, 1946 at the Post Office at Detroit, Michigan under Act of March 3, 1879. Subscription price, $10.00 per year (members $5.00). $1.00 per copy.
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1975 HONOR AWARDS

OMSA Honor Award

Beacon Hill Professional Mall
Southfield, Michigan

Architect:
Robert L. Ziegelman, Architects

Owner:
Beacon Hill Investment Company
ZMW Corporation
Honor Award
Frederic A. Bertram Residence
Lake Orion, Michigan

Architect:
Frederic A. Bertram, AIA

Owner:
Mr. & Mrs. Frederic A. Bertram

Honor Award
The Cloisters
Kalamazoo, Michigan

Architect:
Hobbs & Black Associates, Inc.
Honour Award
Cottonwood Condominiums
Timberlee Hills Year-Round Resort
Near Traverse City, Michigan

Architect:
Rossetti Associates/Architects Planners

Owner:
Site 4/D Partnership

Honour Award
Ford Tulsa Glass Plant
Tulsa, Oklahoma

Architect:
Giffels Associates, Inc.

Owner:
Ford Motor Company
Honor Award

Allison Park Research Center
Hampton Township, Pennsylvania

Architect:
Giffels Associates, Inc.

Owner:
PPG Industries, Inc.

Honor Award

Contemporary Arts Museum
Houston, Texas

Architect:
Gunnar Birkerts and Associates

Owner:
Contemporary Arts Association
Honor Award
First Church of Christ, Scientist
Port Huron, Michigan
Architect:
Frederick Stickel Associates
Owner:
First Church of Christ, Scientist
Port Huron, Michigan

Honor Award
Rossetti Associates Office Building
Detroit, Michigan
Architect/Owner:
Rossetti Associates/
Architects Planners
**Honor Award**

St. Antoine Street Park  
Detroit, Michigan

Architect:  
James A. Cardoza, AIA  
with the assistance of the students of the University of Detroit School of Architecture.

Owner:  
City of Detroit Parks & Recreation

---

**Honor Award**

State Police Training Academy  
Lansing, Michigan

Architect:  
Frederick Stickel Associates

Owner:  
State of Michigan
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Report On Middle East Architecture

Louis G. Redstone, FAIA

My recent trip to a number of middle east countries was especially geared to get a firsthand picture of the commercial life in the old cities as well as the progress of the new towns. All of the cities I visited in Israel, Iran, and Turkey showed much vitality in the people's daily lives.

In contrast to American cities, which are suffering from the exodus to the suburbs, the city life in the middle east is still the heart of all-encompassing living: commercial, governmental, recreational and social activities. This is primarily due to the fact that residential areas are located close in and serve as a major-supporting element to the central business areas.

Invariably, commercial areas in the form of bazaars, arcades and open markets, serve as the main attractions for both the local population and tourists. The oldest and most colorful examples are the historic bazaars in the old city of Jerusalem and Nazareth; the covered bazaars in Isfahan and Teheran, Iran; and the large dramatic covered bazaar in Istanbul, Turkey. The amazing fact is that the bazaar has kept its attraction for hundreds of years and has become as vital in the life of the city as the many historical religious buildings and archeological sites.

All of the attractive features of the city life, however, are being exposed to problems which are being created by the new wave of industrialization and the increasingly auto-dominated environment. This is especially seen in Teheran where the petro-dollar has stimulated the economy so fast that the auto jams have already created nearly insurmountable traffic problems.

If continued without extensive improvements, one can easily foresee a complete traffic breakdown ahead.

One promising element in Teheran is the planning of a 500-acre new urban area within the north boundary of the city. This new town-in-town is being designed by a London-based planning firm. On a far-reaching scale, the government has engaged several American firms to plan entirely new cities as well as various projects for universities, hospitals and other public buildings.

The most representative old cities of Iran's history and culture are Shiraz and Isfahan, both well laid out cities with abounding public parks and squares, famous for the rose gardens.

Shiraz is important because, while it is still a traditional and vital Persian city, it has within a twenty-mile distance, the partially restored ruins of Persepolis, dated from 518 B.C., the reign of Darius I. Here, the sheer size of the temple columns and the extraordinary artistry and craftsmanship of the stone carvings depicting the royal life and historical events, create a most dramatic impact! It will be interesting to follow the progress of the new Iranian architecture to see to what extent it is influenced by its historical heritage.

One finds in Isfahan many of the best examples of the colorful blue mosaic domes of the historic mosques. What adds to the effect of the individual mosques, palaces and other public buildings is the careful attention that the shahs and their city planners gave to each individual location. Most of these buildings surround an enormous public square that formerly contained a colorful tile-lined reflecting pool.

As to newly constructed buildings, brickwork is used to a great extent. Here, the intricate patterns of the brick design, show a definite influence of the ancient Persian craft.

In Israel, it was interesting to see the progress made by the new towns established earlier, as well as the ex-
The Case of Metric Two by Fours

METRICATION is an eleven-letter word that's generating considerable discussion these days in American architecture and construction circles. Congress is moving slowly toward the passage of legislation which will establish a metric system in our country.
DESIGN LIGHTING SYSTEMS FOR HIGHEST EFFICIENCY

The lamp comparison chart below illustrates the efficiency of light sources expressed in lumens per watt, which is the amount of light produced for each watt of electrical energy consumed. As can be seen from the chart, both fluorescent and high intensity discharge lamps (mercury vapor, sodium and metal halide sources) use much less energy to produce light than the incandescent lamp.

Where practical, the use of fluorescent or high intensity discharge lamps in lighting system design, or replacing existing incandescent lighting systems, can substantially reduce energy consumption and still provide the lighting requirements.

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<table>
<thead>
<tr>
<th>Light Source</th>
<th>Lumens per Watt</th>
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<tbody>
<tr>
<td>Incandescent</td>
<td>17 to 22</td>
</tr>
<tr>
<td>Mercury Vapor</td>
<td>56 to 63</td>
</tr>
<tr>
<td>Fluorescent</td>
<td>67 to 83</td>
</tr>
<tr>
<td>Metal Halide</td>
<td>85 to 100</td>
</tr>
<tr>
<td>High Pressure Sodium</td>
<td>105 to 140</td>
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</tbody>
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