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Volume 40 — No. 5

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Architectural Education at Pratt Institute
by Olindo Grossi, Dean
School of Architecture
Pratt Institute

This is one of a series of articles by prominent dedicated educators on the role of the colleges in raising the standards and goals of architectural education. Because of the vital importance of this problem, it would be very desirable to have a reaction of the practicing architects to these articles. An exchange of opinions would help immeasurably in setting the guidelines and correcting outdated methods.—Louis G. Redstone.

Few students, a minority of practicing architects and most architectural educators are aware of the swift currents that sweep teaching today. In the past thirty years the very essence of teaching has been challenged; major reforms have been instituted and there appears to be a return to certain ancient ideals that some of us never sacrificed. At the heart of the matter is architecture. How do you teach it? How do you make someone want to be—not just an architect—but a great architect?

This is the subject of architectural education. We are grappling with a readily identifiable goal, an ideal which the student must take with him. He must want to be a great architect. He must want to be creative—not passive. His standard must be excellence. He must seek the purest form, the clearest esthetic, the finest structure. Yet even if we know the goal, how is it achieved?

For some people this is like talking about goodness or truth or beauty or any of the other perennial philosophical contemplations. After all, greatness is an intangible quality or beauty or any of the other perennial philosophical contemplations. After all, greatness is an intangible quality that eludes description. The minute we attempt to define it, we compromise our vision revealing our own limitations but not those of the individual who happens to be great. But quite apart from our difficulty with defining, we find that students have no similar trouble. They can spot greatness and follow a bright star without resorting to a justification.

One of the satisfactions from teaching, of course, is this willing dedication to the ideal. At the heart of the student's search is what is right? what is best? what noble goal can he dedicate his life to? How can he be creative? And in this respect, in these questions, students remind teachers of the basic issues.

Yet, "the basic issues" underlie most college education. Whatever students are forced to think, there is at least some preoccupation with essences. The question then becomes—how is architectural education different or distinctive? The answer I can give has to be in terms of what we do at Pratt Institute. For readers who went to school elsewhere there will be a basis for comparison.

The distinctive characteristics in the five-year architectural curriculum at Pratt include the immediate introduction of freshmen into the total professional spectrum, the balance and interrelation of the liberal arts, design, structures, history, planning, and the many other disciplines, and the highly professional makeup of the architectural faculty, all of whom practice including a high proportion of part-time teachers who teach only one or two half days each week. This is not to say, any or all of these qualities make us unique, but the combination plus our geographical location creates a singular quality of education that we consciously encourage.

The use of professionals as teachers is not unusual in architecture. In some parts of the nation it may not be possible to staff a school with practicing professionals, but in New York we are fortunate and try to make the most of it. As with most college teachers our instructors and professors have studied to be professionals—not teachers.

Our high ratio of part-time teachers derives from a conscious decision even though it presents difficulties of administration and coordination. In the midst of New York's wealth of talented professionals we find many who are willing to give a day of their time to teaching because it stimulates them. Selfishly we accept many of these offers because it is good for our students.

In the stimulation of design ability the active professional is a potent teacher. His presence adds a dimension of architectural reality to normal studio experience and serves as a strong motivating force.

Taking a young student from high school who indicates strong motivation to be an architect and plunging him into a sequence of professional courses, introducing him to the design vocabulary, conditioning him to studio experiences—giving him this exposure to architecture at the same time he is introduced to liberal arts courses—all of this constitutes a unique educational experience. Sociology may be studied in the abstract as an individual course; design may be handled as another separate course; but in the mind of the student they are happening at the same time and consequently shape his architectural perceptions. The same is true of other courses that supplement the architectural curriculum.

Since design constitutes a large part of the architectural experience, it is important for the student to begin as early as possible. Our experience suggests that in terms of design youth is no handicap. However, it is true that some students with a wavering commitment to architecture would be better off in a liberal arts curriculum until they can give themselves completely. We candidly suggest this to some indecisive high school graduates.

The Freshman year is probably the most critical for the student, and that makes it the most critical for teachers, also. Over a number of years the Freshman program has been altered significantly. Selected individual courses in design, construction and representation were required to introduce the student to a total concept of architecture, yet individual courses do not always become integrated in the student's mind. Our solution was to integrate them into a complete studio experience as an individual course made of these related parts. This "core" course constitutes two-thirds of the Freshman curriculum.

Our emphasis is on design—almost a third of the student's credits will be received in design courses. They range from the design of a small object to the planning of a large community wherein the relationship of one building to another is examined, as well as the services required by groups of buildings. Gradually the student is led through various design phases of architectural experience—from buildings and groups of buildings to town and community planning problems.

The materials and structures sequence is another major
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Precast concrete panels create a distinctive wall pattern for the new Lansing Library


Close-up view shows how the distinctive colophons, or trade marks, of book publishers were cast in concrete panels to achieve the striking exterior wall pattern. Each panel is 4½ feet square.

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The excitement and beauty modern concrete gives to civic structures is dramatically demonstrated in Lansing's attractive new Public Library.

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6 | Monthly Bulletin, MSA
Emphasizes the close association of architecture and city environment for investigation of design and technology. Tropical countries who seek advanced work in architecture and planning and for American architects who wish to prepare for work in the tropics. The talents of faculty members with a desire to undertake deeper study of problems are brought into a variety of projects sponsored by both public and private organizations. In addition to providing a creative outlet for research-minded faculty members the research program is an organizational framework in which the School may follow new trends in the fields related to planning and architecture. Recent projects have included preparation of a Steel Homes Design Manual (sponsored by the American Iron & Steel Institute), a variety of community urban renewal programs, analysis of cost reduction methods for apartment building (sponsored by the Housing and Home Finance Agency), structural test of the New York State World’s Fair Pavilion (sponsored by the New York State Commission for the Fair), a study of school building types (sponsored by New York City Board of Education and the Educational Facilities Laboratories), and an adult educational program in urban renewal (sponsored by the Rockefeller Brothers Fund).

Through the integration of undergraduate, graduate and research programs the school of Architecture seeks to open the many doors of architectural experience to students. By bringing together a mixture of talents, attitudes and abilities we are not seeking to indoctrinate with a point of view. On the contrary the dominant ideas of architecture are introduced by their most vigorous spokesmen in an atmosphere of intellectual freedom so that the student may listen, consider, experiment and finally make his own decisions.
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Seminar/Workshop Program Announced

Construction Documents: Today and Tomorrow will be the theme of the Seminar/Workshop to be held at the Michigan Union, Ann Arbor, Friday and Saturday, May 14 and 15. Sponsored jointly by M.S.A. and the Detroit Chapter, A.I.A., this Seminar will explore the advantages offered by the use of current and future communications media, resulting in greater office efficiency, more accurate bids, improved field relations, and satisfied clients.

Techniques developed in other industries are revolutionizing the methods of preparing, reproducing, and storing documents which serve as our means of communication with our clients and those who build what we design. The Seminar will explain these techniques and systems and show how the rapidly approaching use of the computer will improve design and construction through greater efficiency in communications.

Participating in the Seminar/Workshop will be: Louis Menk, Director Detroit Chapter, A.I.A.; Robert F. Hastings, FAIA, Treasurer of the American Institute of Architects; Professor M. W. Isenberg, Pennsylvania State University, Associate Editor of MODULAR PRACTICES IN BUILDING; Charles H. MacMahon, Director Michigan Society of Architects; Robert Spiegal, Vice President Palmer-Smith Co., General Contractors; Professor Gifford H. Albright, Pennsylvania State University; MODCON Research Project on the Computer in Architecture; Herbert F. Swinburne, FAIA, Chairman AIA Committee on Research for Architecture; Denis C. Schniedeke, Brunner Research Grant for Development of a Correlated System for Construction Documents; Robert Stellwagen, Jr., Stellwagen Different & Mouw, Consulting Mechanical & Electrical Engineers; Professor Walter Sanders, FAIA, Research Project: COMPUTER TECHNIQUES IN PROGRAMMING ARCHITECTURE; Harold Rosen, FCSI, Author SPECIFICATIONS CLINIC IN PROGRESSIVE ARCHITECTURE; Ralph Epperson, Consultant on Critical Path Method; Charles W. Latsch, Director Michigan Society of Architects; Alfred P. Bohn, General Motors Research, Reproduction Techniques and Jan C. Rowan, Editor of PROGRESSIVE ARCHITECTURE.

Registration is scheduled from 9:00-9:30 A.M., Friday morning. Sessions will be held from 9:40 A.M. Friday until 5:00 P.M., Saturday.

The registration fee is $15.00 which includes lunch on Friday and Saturday, dinner Friday night. Rooms are available at the Michigan Union:

- Single, semi-private $5.00.
- Single with bath $7.50.
- Double with bath, air conditioned, $12.00 and $13.00.

Peter Tarapata on National Jury

Peter Tarapata, A.I.A., Executive Vice President of Tarapata-MacMahon Associates, Inc., Architects, Engineers & Planners of Bloomfield Hills, was selected as a member of the jury of the Annual National Honor Awards Program of the American Institute of Architects, Washington, D.C. Tarapata served with 4 other distinguished architects of national prominence—Philip Johnson, FAIA of New York City, Nathaniel Owings, Jr., FAIA of New York, Willis Mills, AIA of Connecticut and Donald Lutes, AIA of Oregon. Members of the jury are past recipients of top national A.I.A. awards and judged projects submitted from all parts of the U.S.A. for honors to be announced at the annual A.I.A. Convention in Washington, D.C. in June.

Last year, Tarapata received an Award of Merit from the A.I.A. for the design of the Central Plaza Development for Canton, Ohio.

WALD to Hold “Junk-It” Party

Friday, May 7, the Women’s Architectural League of Detroit will hold the final event of the 1964-65 season, a dinner party and auction at the Coach House of Botsford Inn. Feature attractions of the evening will be auctioneers Ernie Dellar and Fred Schoettley. Guests are requested to bring any and all items of art, bric-a-brac and “junk” to donate to the fun. Money will bolster the depleted treasury of the WALD.

Cocktails (dutch treat) at 6:30, dinner following, price per person $4.50. Please call Fran Dellar, LI 2-3817 for reservations.

Metropolitan Goals Conference Announced

The Forum for Detroit Area Metropolitan Goals will conduct a conference May 11 on “Goals for Transportation and Regional Development.” The conference will stress the role of the citizen in formulating goals for transportation and regional development. Provisions for such citizen involvement in a forthcoming Transportation and Land Use Program for the Detroit Region will be explained.

The forthcoming Comprehensive Transportation and Land Use Program for the Detroit Region, to be conducted jointly by major regional planning and governmental organizations, will offer a unique opportunity for citizens to share in drafting guidelines for the development of the metropolitan Detroit area. The stated objective of this project is:

“To formulate workable and desirable forms of regional growth in terms of patterns of land uses, transportation systems and facilities, and environmental health and to seek public decisions on the choice and implementation of the agreed-upon growth program. Such decisions, in order to be politically effective, must involve an understanding of the alternative development patterns, an appreciation of the values of each, and of the relationship of each to the regional goals desired.”

A basic principle of this program is the importance of wide citizen par-
participation in establishing guidelines for the development of the region, and for a balanced regional transportation system which will support these goals. The program will involve the entire community, to an unprecedented extent, in the development of comprehensive, long-range plans for regional growth.

The Program provides for citizen participation by establishing a Citizens' Assembly, composed of representatives of regional and local non-governmental organizations.

The May 11 conference will lay the groundwork for this Citizens' Assembly. It will provide an opportunity to members of all organizations and groups in the metropolitan area that are concerned with community welfare to help frame a program of citizen involvement in regional goal setting. I hope that you will be willing to assist the Forum in getting information on the conference to your membership by arranging:

a. A special announcement in organization bulletin, if time permits.

b. Distribution of conference announcements to membership.

Conference Supported by the Metropolitan Fund, Inc., the Conference schedule will be as follows:

- 9:30 Registration and Coffee
- 10:00 Welcome and Statement of Conference Objectives
- 10:15 The Citizen's Role in Formulating Regional Goals
- 11:00 The Comprehensive Transportation and Land Use Program for the Detroit Region
- 12:30 Luncheon Remarks
- 2:15 Discussion Meetings
- 4:00 Closing Session

The charge for luncheon and participation in the Conference session will be $5.00. The Forum will be held at The Veteran's Memorial Building.

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PROBLEM:

Site Plan and design this redevelopment apartment project to be built in 3 stages: First highrise building (336 units), Second highrise building (same, but reversed plan) and 70 townhouses as the third stage.
SITE SOLUTION:
The 13.5 acre site is planned to give unity to the total project without allowing on-site traffic and parking to interrupt pedestrian movement or vision.

The site has been treated with great concern for humanly scaled details: overhanging, protective plant trays: pierced screening walls: lighting pylons, sitting ledges, play and promenade areas, all mostly concrete and integrated into a pleasant base for the buildings. There are play and sitting areas provided on the site, however. For more extensive recreation activities, the adjacent Lafayette Park will be used.

PARKING AND TRAFFIC SOLUTION:
Of the 110% parking required, 75% is below grade and 35% (FHA requirement) above grade. All surface parking areas are depressed and completely screened from passer-by or townhouse dweller.

Surface parking is arranged in long narrow strips rather than rectangular parking lots. Entrances to the underground garages are developed on the same axis with building entrance, as respectable automobile and pedestrian ingress arrangements.

Townhouse parking, service vehicle access, and storage for the townhouses is underground.

Townhouse visitors, having parked in the depressed area, will reach townhouses walking in the "streets" and "courts." Tenants and daily service people will take stairs up from the garage to the "streets."
TOWNHOUSES:
Townhouses were designed with privacy in mind. Large overhangs protect the window areas from overhead view. The units are separated by 2 story high walls with planted pergolas enclosing the paved patios.
Townhouse structure is concrete and brick.

HIGHRISE BUILDING:
The structure is reinforced concrete. Gray dolomite aggregate is used for all visible concrete surfaces. Precast window bays will have the same aggregate exposed.
The clients desired flexibility in the room sizes, and the desire to have column free rooms, resulted in the unequal bay structural system. The beam section stays the same, only the reinforcing changes from bay to bay.
The tapered, T-shaped, reinforced concrete column spacing is determined by the different room widths. Therefore, there is a different facade on either side of the building. Each room is symmetrical, looking towards the window bay. Interior columns are also placed where they would interfere the least with the planning of the core area.
Floors in this all concrete structure are integral filler block and concrete joist construction. The hollow cores in the filler block are used as air ducts to window outlets from a heating-cooling unit in each apartment. Corridors between the two offset apartment slabs are glazed ends to admit daylight.
The ground and mezzanine floors contain commercial spaces.
The typical apartment floor plan (28 floors) incorporates studio, 1, 2, 3 and 4 bedroom apartments.
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Construction in Michigan
A Michigan Week Story

Michigan ranks among the nation's top States in employment of qualified architects and engineers. There are more than 300 design firms, with staffs totaling some 8,000 employees accounting for a $65 million payroll annually. Many of the country's leading AE firms are headquartered in Metropolitan Detroit.

Michigan is the home of some of the nation's busiest general contractors, including the largest in industrial construction. The Builders Exchange of Detroit and Michigan reported an average monthly construction work force of 102,500 in 1964, 9 per cent higher than 1963.

The University of Michigan has stimulated the development of private research growth. Many industrial organizations are conducting research in their own facilities on the perimeter of U. of M.'s North Campus, including Bendix, Parke-Davis, Federal-Mogul-Bower Bearing and a growing list of others.

Wayne State University has embarked on the development of its Detroit Medical Center, which will work in harmony with existing hospitals on the site, including Grace, Harper and Women's Hospitals. The master plan is considered a prototype.

Michigan is a leader in the development of community colleges. Among the nationally recognized projects are Grand Valley Community College in Grand Rapids, the Flint Community College and the Dearborn complex. In planning are others of equal rank, such as the $12 million Oakland Community College, and in Wayne County, where programming is under way for a county-wide network of community colleges.

The Big Three, during the last two years, have expended millions of dollars in Michigan for industrial expansions. Major projects include the Fisher Body stamping plant in Kalamazoo; Chrysler's Sterling Township stamping plant and a gray iron foundry in Detroit; expansion of Chevrolet's foundry and production facilities at Saginaw, Detroit and Flint; administration, research and processing improvements for Cadillac; expansion programs for Oldsmobile at Lansing; GMC Diesel facilities at Grand Rapids and Detroit and Ford's new stamping plant at Woodhaven and their glass expansion and other work at Rouge. During this period, supplier foundry expansion has also arisen, considered by many to be the barometer of our industrial economy.

In the Upper Peninsula, Celotex and Cleveland Cliffs Iron Company, are but two firms sparking that region's economy. The Michigan Technological University is also on the move, with campus expansion and surge in research.

Since 1961, the Cleveland-Cliffs Iron Company and its partners have invested $96 million in plants and developments in Marquette County. The Mather Mine in Negaunee— one of the nation's largest underground mines— is being expanded to produce 2,400,000 tons of iron ore by 1965, one-half of which will be pelletized at the new Pioneer Pellet Plant at Eagle Mills which will be in operation before mid-year. Expenditure in connection with the construction of the new pelletizing facilities will approximate $15 million. This will be the first pellet operation in the world to agglomerate high grade underground ore without the additional concentration as required for jasper type ores.

A survey conducted by Engineering News-Record, and reported in the March 25, 1965 issue, noted an acceleration of Michigan highway development in 1965, calling for an 83% increase in planned contracts over 1964, which will place Michigan ninth in the nation this year.

Michigan has also been commended nationally for its Urban Renewal Programs. At the 1965 Michigan Society of Architects' Convention, Mayor Cavanagh received an award for "Excellence of Community Architecture" for Detroit's progressive Urban Renewal Program, the first such award presented by the American Institute of Architects.

In Grand Rapids, an Urban Renewal Civic Center will include a Courts and Police Building, the first major municipal structure constructed in Grand Rapids in 80 years. A City-County Building and other units are in planning.

Other cities in Michigan have underway Urban Renewal Programs as progressive as Detroit and Grand Rapids. Flint is well along; Grand Haven is now in the planning stage.

Another indicator of Michigan's construction progress is realized by highrise building in large metropolitan areas. In Detroit, the National Bank of Detroit, the Michigan Consolidated Gas Company and the Detroit Bank and Trust building are now realities. There is also the soon to-be-completed twin towers for First Federal Savings. Such activity has generated other downtown developments; such as the new Pontchartrain and Howard Johnson hotels in Detroit.
Michigan Society of Architects

AWARD OF MERIT:

Michigan Bell Northwest Office Center
Smith, Hinchman & Grylls Associates, Inc.

Jury Comment: The distance between buildings seems excessive, regardless of the purpose. Buildings appear to be beautifully executed, technically. Although the site plan is extravagant, there is a quiet elegance about the spaces created.

FIRST HONOR AWARD:

Baypoint Beach Bath House
Stony Creek Metropolitan Park
Huron-Clinton Metropolitan Authority
Wakely-Kushner Associates

Jury Comment: The plan has an excellent special quality related to the natural environment of the site. This is a very disciplined yet playful structure distinctly human in scale. The transition from open sky to part shelter to solid shelter is excellent.

AWARD OF MERIT:

Chapel of University Presbyterian Church
Rochester, Michigan
Linn Smith Associates, Inc.

Jury Comment: An excellent plan with the resulting form of the building reflecting the plan. Although this is a simple building, the exterior is not so simple — there is a rather forced quality in the window treatment and placement.
AWARD OF MERIT:

Physics & Astronomy Building University of Michigan
Albert Kahn Associated Architects & Engineers, Inc.

Jury Comment: A very strong building — very functional. Simply executed except for the transition between high and low units. The disposition of the elements on the site is good.

HONORABLE MENTION:

Olivet Collegiate Center Olivet College
Meathe, Kessler & Associates, Inc.

Jury Comment: The structure appears to be forced although it is carried off by excellence of execution. The jury was unable to judge the rear of the structure.

HONORABLE MENTION:

Detroit Bank & Trust Co. Main Office Building
Harley, Ellington, Cowin & Stirton, Inc.

Jury Comment: An excellent solution to a difficult site problem. Good typical high-rise floor plan. Transition to top of building is weak. Exterior wall could have been more sophisticated.
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Rossetti Named to German Study Tour

Louis Rossetti, FAIA, Vice-President of the Detroit Chapter, A.I.A., will join four other U.S. architects on a study tour of the Federal Republic of Germany from May 31 to June 26. The invitation received from the German Federal Foreign Office in Bonn stated they will meet with government officials and leaders in all fields of business "to gain insight into the cultural, social, and economic situation in Germany."

In addition to a visit to West Berlin, tentative plans call for stops at Munich, Frankfort, Braunschweig, Rothenburg, Cologne and other cities.

The other members selected for the study tour are: Craig Ellwood, Los Angeles; Professor John Lawrence of Tulane University; Walter A. Netsch, Skidmore, Owings and Merrill in Chicago, and Professor Paul Marvin Rudolph of Yale University.

Coordinating Rossetti's travel plans are the German Consul Dr. Wolfram Hucke in Detroit and Dr. Sattler, head of the cultural department of the foreign office in Bonn.

Rosselli Opposes Senate Bill No. 15

Walter J. Rozycki, AIA, Architect, on March 30th sent the following letter to 36 of Michigan's State Senators opposing Senate Bill No. 15 which proposed requiring all Michigan School Districts to use plans prepared by the Superintendent of Public Instruction for the construction of any school building. Architect Rozycki is a brother of Senator Stanley F. Rozycki who introduced the bill.

"Dear Senator:

I should like to urge your strong opposition to Senate Bill #15. I am vigorously opposed to the bill and, as an architect, I cannot permit my relationship to Senator Rozycki to be misconstrued as implying otherwise.

Education today is an exciting and dynamic process. Many bold and creative advances are being made to meet the varying needs of a society that would become great. Michigan needs never improving schools, rather than the low common denominator of mediocre stock solutions.

This bill would require the state superintendent of schools to furnish each school district "...stock plans...to meet its needs." We do not have stock school sites, stock communities, stock educational programs, or stock teachers. We do not have stock children, with stock minds, from stock environments. If a conscientious effort is made to meet the detailed
and specific needs of each local school building program it is highly unlikely that any two of these stock plans would be alike. When one considers that the General Motors Corp. alone is offering over 150 different models of passenger cars to meet the needs of the public in the current model year a question is raised as to the intent of the above proposal.

If we are to reach for excellence in education each school building must be as functional an instrument as we can design to carry out a specific educational program. It should also provide as favorable an environment as possible in order to encourage a positive response to the learning process. We will not be helping our children meet the challenge of our ever-changing world by confining their education in unchanging school buildings.

Local control in school matters has long been one of our strongest democratic institutions. Curtailing the authority of local school boards could seriously affect local financial support for our school programs. Support for this bill comes from a small but highly vocal group who have traditionally opposed any improvement in our system of education, and from a handful of building product suppliers who hope to benefit from standardized construction and the limited competition it implies.

This bill is not in the public interest and I would, once again, urge your strongest opposition to it.

Sincerely,
Walter J. Rozycki, A.I.A.
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Fales Designated Planning Consultant

Dr. Lloyd E. Fales has been designated School Plant Planning Consultant for the Department of Public Education of the State of Michigan, according to a recent announcement by Dr. Alexander J. Kloster, Deputy Superintendent.

In the future, all inquiries or material relative to the school plant field should be directed to Dr. Lloyd E. Fales, Consultant, Administrative Services Division, Department of Public Information, according to the announcement.

Consumers Power Hosts Flint Area Chapter

Corporate and Associate members of the Flint Area Chapter of the American Institute of Architects were the guests of the Consumers Power Company of Flint for cocktails and dinner, Monday evening, April 12, 1965, at the Country Square. Consumers' Engineers informed the Flint Area Chapter members of many new policies, rate arrangements and applications for the services of electric and gas.

Many subdivisions are now being planned for underground services and distribution. Consumers Power has provided this type of service at $1.25 per front foot of the lot, plus $1.35 per foot of wire from the service junction to the house meter. In an effort to encourage the use of electric heat in housing developments, Consumers will install the underground type of service at no charge to the developer or owner where electric heat is installed.

Consumers Power also has a plan for the customer where the regular overhead distribution and service is installed, to contribute $100.00 toward the cost of insulation, if the owner or developer will install electric heat.

The gas division has increased their efforts to arrange rate classifications to suit demands of the installation. Consumers Power is providing additional engineering to determine initial service line sizes and pressures for projected demands.

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Chuck Andres (left) accepts Stereophonic phonograph and records from Harry Jablon, president, Valley Window Sales Co., awarded at MSA Convention.
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CALENDAR

May 7  Wald Dinner Party and Auction — Botsford Inn 6:30 p.m.
11 Detroit Area Metropolitan Goals Forum — Veteran’s Memorial Building 9:30 a.m. to 5:00 p.m.
13 thru 14 — Michigan Society of Planning Officials — Annual Conference — Jack Tar Hotel — Lansing

June 4 MSA Board Meeting — Traverse City
6 thru 12 AIA - ASCA Teachers Seminar — Cranbrook Academy, Bloomfield Hills.
14 thru 18 — AIA National Convention and XI Pan-American Congress — Sheraton Park Hotel, Washington, D.C.

22 thru 24 — National conference on Higher Education Facilities — University of Omaha, Omaha, Nebraska.

August 5 thru 7 — MSA 22nd Annual Mid-Summer Conference — Grand Hotel — Mackinac Island.

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