

OHIO ARCHITECT

OFFICIAL PUBLICATION OF THE ARCHITECTS SOCIETY OF OHIO OF THE AMERICAN INSTITUTE OF ARCHITECTS, INC

august 1961



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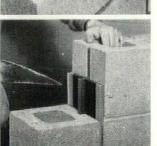
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Technical Editor David A. Pierce, AIA 4501 North High Street Columbus 14, Ohio Managing Editor Clifford E. Sapp 5 East Long Street Columbus 15, Ohio Telephone: 221-6887

Editor Anne Strickland 5 East Long Street Columbus, Ohio

ASSOCIATE EDITORS

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Cleveland William S. Cullen 3092 Livingston Road Cleveland 20, Ohio

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OHIO ARCHITECT

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AUGUST, 1961

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Number 8

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COVER AND FEATURE MATERIAL

The cover and feature material for this months issue were prepared under the direction of Robert J. Makarius, Jr., AIA. Associate Editor of the Dayton Chapter of the American Institute of Architects.



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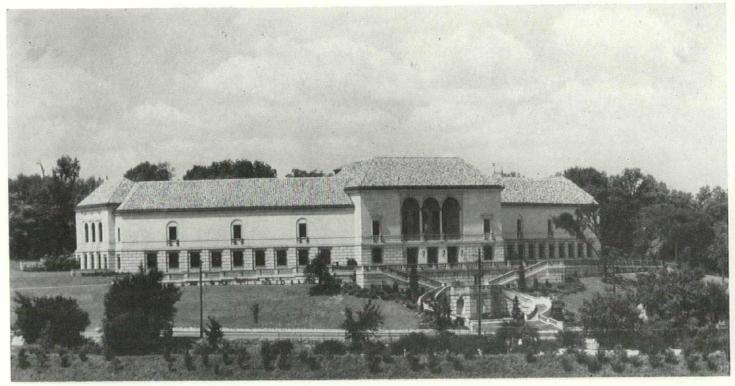


Photo by Frank M. Betz

dayton art institute

THE DAYTON ART INSTITUTE represents the interested generosity of the Patterson and Carnell families and the many Trustees, the capable direction of five directors Herman Sachs (1920-22), Theodore Hanford Pond (1922-29), Siegfried R. Weng (1929-1950), Esther I. Seaver (1950-56) and Thomas C. Colt, Jr. (1957-), and many dedicated and loyal staff and faculty members.

The late Mrs. Harrie G. Carnell during her lifetime put into this institution much love and several million dollars, since she built the building, which was completed in 1930, and met any deficits which occurred, plus giving much of the Permanent Collection.

The Dayton Art Institute had its beginning in a remodeled residence in the downtown district. In October, 1919 the School of the Dayton Art Institute started its first classes in the then incomplete building. On January 6, 1920, the museum opened in the front part of the building. So rapid was the growth of the school and the museum activities, that by 1926 it was apparent

that a new building was needed. A site was chosen at the corner of Forest and Riverview Avenues which, overlooking the river and skyline of Dayton, was next to the new Masonic Temple, then under construction.

An Endowment Fund was started. Mrs. Carnell made the generous offer of matching dollar for dollar whatever sum was raised toward a new building as an endowment. Much enthusiasm was engendered.

Edward B. Greene of Buffalo, New York was chosen as the architect. He had planned the Albright Gallery in Buffalo and the new Toledo Art Museum. Mrs. Carnell and Mrs. Greene concurred in the choice of Italian Renaissance style for the building as suitable to the site and expressive of the warmth and friendliness which Mrs. Carnell desired of the institution. The facade of the building is based upon the triple-arched casino of the world famous Villa Farnese near Caprarola, Italy. The gracefully curved outside staircase is an adaptation of that of the Villa d'Este near Rome. The service building, joined to the main building by a tunnel is in the style of the Italian farm house.

The building, which is five sided, is built around two semi-enclosed cloist-ters. It is based upon the hexagon, thus providing opportunity for expansion, and is so planned that the addition to the other three sides would not disturb the existence of the cloisters.

The columns in the cloisters, the wrought iron gates from the cloisters to the gardens, a Venetian well-head, which is in the center of the Gothic Cloister all date from the Renaissance period, and were imported from Italy. The red tile in the floor of the foyer and the stairway landing also came from Italy. Before the building was completed an opportunity also presented itself to secure a Chinese pavillion from the Ming Period, which was installed in the building.

The School of the Dayton Art Institute opened in the new and incomplete building in October, 1929. The School had by this time developed into a

recognized professional art school. In 1947 it reached its peak enrollment of 650 in its three divisions, Day School, Night School, and Saturday Morning School. A Summer School had also been added in 1926. The building was completed, and the Museum opened January 7, 1930. In 1922 the first Circulating Gallery of original paintings was organized at The Dayton Art Institute. This system made available, on a loan basis, works by contemporary artists to members for use in their homes or offices. It has since been widely copied and adapted by other museums and commercial art galleries throughout the United States.

An Educational Department was added in the early 1930's, which filled the gap created by the curtailment in the schools of art instruction. This department grew until in 1955 they served 41,000 children and adults with free tours and classes for children from the third grades through the eighth.

Three series of free concerts—Sunday afternoons in the fall and winter, and Tuesday evenings in the summer in the Italian Cloister, were started when the new building was opened. The Dayton Philharmonic Orchestra was started at the Art Institute in 1933, and continued holding its concerts there until it outgrew the auditorium which seats 525 people.

Previous to World War II, Mrs. Carnell underwrote a project whereby Robert M. Metcalf, head of the Department of Decorative Arts at the Art Institute, and a designer of stained glass window, toured Europe making color slides of the important stained glass in European cathedrals. The result of this project was the most comprehensive record ever made of this important religious art.

In 1944 Mr. Siegfried R. Weng and Mrs. Otto L. Spaeth, at that time a trustee of the Dayton Art Institute, assembled an outstanding exhibition, the first of its kind in American, entitled "Contemporary Religious Art", which brought the Art Institute national recognition.

In the 1930's a room was set aside known as the Modern Room, in which monthly, one-man shows were held by leading modern artists. Exhibitions such as "The Railroad in Paint", "The Artist Paints His Family", "The City by the River and the Sea", "Flight—Fantasy, Faith Fact" also received much national recognition. In 1944 Mrs. Carnell passed on. This circumstance placed the Art Institute in a precarious financial situation. Since Mrs. Carnell's promise in the late 1920's of matching dollar for dollar in a building what the city raised for an

Endowment Fund, circumstances had worked against the creation of such a fund adequate to meet the needs of a large program of public and membership events. Started in 1928, many pledges made could not be fulfilled at all or perhaps only in part, due to the Depression. And although some money was raised, it was not adequate to bring in sufficient income for a growing organization. However, Mrs. Carnell had gone ahead with the plans for the building, and not only paid the entire cost of the building, but met any deficit which accured from the active program pursued. She had made it clear, however, that after her death, it would be the responsibility of others to carry the burden of financing the building and its activities.

In 1944, Mr. Weng and the Trustees worked out a program of Sustaining Memberships whereby businesses and industries purchased a block of memberships for the use of their employees. This, together with the income from other forms of memberships, school, rentals of the auditorium and other rooms for meetings and recitals, income from the Endowment Fund, and a yearly contribution from the Community Chest, furnished funds which enabled the Institute to carry on an active program of events. It left, however, no money for repairs on the building,

VIEW OF GALLERY A AT THE DAYTON ART INSTITUTE LOOKING SOUTH.

Photo by Rollyn Puterbaugh





GENERAL VIEW OF THE DAYTON ART INSTITUTE LOBBY.

Photo by Rollyn Puterbaugh

which of course increased each year.

Fortunately a few years before his death, Charles F. Kettering, famous Dayton inventor, became interested and alarmed at the condition into which this beautiful building had deteriorated because of lack of funds. For several years he gave a stipulated fund towards repairing the damage the years had wrought.

In the summer of 1956, Thomas C. Colt, Jr. the new director, and John Sullivan, Jr., Dayton architect and President of the Board of Trustees, together with Craighead Cowden, Dayton, architect and head of the Art Institute's House and Ground Committee, started a program of renovation. The entire South Wing of the Second floor was closed. The roof and the skylights, which had developed bad leaks were repaired, the walls newly painted, and the collections re-installed. New storages were built. The front of the building, the stone in the Foyer, and the marble in the Sculpture Court were all cleaned through sandblasting. The walls of the Sculpture Court and South Wing were painted, and the exhibition material re-installed. A museum's problem of compatible synchronization of the old and the new—of the objects of today and the objects of yesterday being brought together—was worked out harmoniously.

The South Wing on the first floor was remodeled with one large office, formerly the Circulating Gallery, being converted into four small offices, a mailing room and a supply room. The Circulating Gallery was moved into the long south corridor, formerly used for exhibitions, where current works from the Gallery may be shown. A small Information Desk made from ornately carved wood from the Renaissance Period, was replaced by a large modern Sales Desk. Space under the staircase was made into a storage for the Sales Desk. Modern davenports, chairs and tables replaced the Renaissance chairs and benches formerly in the Fover.

In the summer of 1959 the North Wing of the second floor was renovated. Leaks and the damage caused by them were repaired and the walls painted. This wing has always been used for current exhibitions, and the South Wing for the Permanent Collection.

At present, the Library housed in the north wing on the first floor in the section of the building used by the School, is preparing to expand into an adjoining room, thus using one large room and two small rooms to house its 6,000 volumes of art and architectural books. Plans are being made to renovate and enlarge the schools facilities in the future.

An interesting feature of the Library of the School of the Dayton Art Institute is that its architectural Library was started by the acquisition of the very fine library of the late Louis J. P. Lott of Dayton, well known architect, who willed his books to the Dayton Art Institute. This library has been increased through a memorial fund administered by the Dayton Chapter of the American Institute of Architects in memory of Walter Schaeffer, Dayton architect.

INCORPORATION NOW PERMITTED FOR OHIO'S ARCHITECTS

By
The Honorable Richard B. Metcalf, Senator
State of Ohio

Exclusive to Ohio Architect

The Professional Corporation Act, which was passed during the last session of the Legislature, is not an association with attributes of a corporation, or a corporation designed to operate as an association but is a straight corporation with few variations from the general corporation laws of Ohio. It is these few variations which the author believes keeps the professional corporation in conformity with the high ethical standards as established by the various professions in this state. The Act provides that only professional persons may be shareholders in the professional corporation. It also provides that a list of shareholders must be filed with the Secretary of State annually. The Act further provides that professional services may only be provided by the corporation through duly licensed professional persons, all of like profession. This Act does not provide in any manner whatsoever that several professions may inter-mingle in a single corporation. It is a common misconception that corporations must have three shareholders. This is not true, and this Act, like the general corporation laws of Ohio, provides that a single shareholder may maintain a professional corporation.

This particular Act in no way attempts to discipline any of the professions, inasmuch as each of the professions now is provided with adequate measures to discipline themselves. If the Act provided for discipline of the professions, it would create a condition of dual authority, confusion, and a possible breakdown of the high standards of the individual professions.

The primary purpose, however, of the Professional Corporation Act was to provide the same federal income tax benefits to the professional person that have always been available to the ordinary business corporation. Let us first think in terms of the individual professional person in corporate structure as being an employee of the corporation. The corporation is an entity of itself and is the sole employer of all persons associated with the corporation, even if it is a corporation of a single professional stockholder who is active in the corporation. From this point on, when we speak of pension plans and profit-sharing plans available to the employee, you must remember that you, the professional man, are an employee of the corporation.

Professional corporations operate much the same as do business corporations. Executives, be they shareholders or not, are placed on a certain salary and profits of a professional corporation are calculated in the same manner by taking gross income and deducting all expenses, including salaries of all employees. A profit-sharing plan is a device whereby a certain percent of the corporate profits up to 15% of salaries is set off into a trust fund. This is deductible by the corporation from its federal income tax return, but is not included in the individual employee's (including the professional) income tax return. These trust funds may be invested in the discretion of the trustee, and income from the investments are exempt from federal taxation. You can readily see that in the first instance the tax-free money that was put into the trust would have otherwise been taxed at your personal income tax level. In addition, income from such monies as you individually could save after taxes would be taxed at your personal income tax level, but funds in the profit-sharing trust, and income therefrom, are not subject to federal income tax. If this sounds to you like a fantastic device, you are right - it is a fantastic tax-saving device. It not only is a tax-saving device, but the federal government encourages corporations to enter into such devices, so that persons may be able to provide for their own retirement and not become public charges. Profit-sharing Plans and Pension Plans are not tax loopholes, nor tax avoidance. It is simply good business planning for your own retirement, and it is part of the federal tax law, and if you are not intending to take advantage of it, then you are not, in a business-like manner, planning for your own retirement.

Let's assume that John Architect is thirty-five years old, has a net professional income of \$30,000.00 per year, which will remain constant throughout this problem. John has deductions and exemptions of some \$5,000.00, offset-

(Continued on Page 8)

ABOUT THE AUTHOR

The Honorable Richard B. Metcalf, was elected to the State Senate in November, 1960 after serving from 1956



Senator Metcalf

to 1960 as a Member of the House of Representatives. His senatorial seat represents Franklin and Pickaway counties. He has also served as Bailiff of the Colum-

bus Municipal Court and Special Counsel to the Attorney General,

Senator Metcalf was educated in the Columbus public schools, took his pre-law at OSU and has a law degree from Franklin University.

As a professional man, Senator Metcalf is aware of the tax inequities imposed upon all professionals. This awareness, coupled with his desire to do something about it, resulted in his authorship of S.B. 550, which he explains in the accompanying article.

Senator Metcalf is a partner in the law firm of Robins, Metcalf and Preston, located at 5 East Long Street, Columbus.

(Cont	inued	from	Page	1
his	net	profe	ssiona	1 inco)1

me. This ting his net professional inc brings his taxable income to \$25,000.00 He requires \$20,000.00 for his yearly living expenses, and anything left he can invest or pay income tax with. He is a member of a three-partner architectural firm. The three form a professional corporation under the Ohio law and inaugurate a profitsharing plan. Now, instead of the \$30,-000.00 net professional income which John did have, he sets his salary at \$26,000.00 and a contribution to the profit-sharing plan of \$3900.00 per year. He winds up with the same amount of money for living expenses but a drastically different long-range investment picture.

For comparison in the tax advantages to be obtained in various salary ranges, the chart below has been computed to the nearest \$50.00, and you will note that a hypothetical income of only 3% has been used. This, of course, is a very conservative approach. The greater the income, of course, the greater the overall tax savings; but as you can see, it is equally applicable to the man making \$5,000.00 as it is to the man making \$50,000.00, even though it has a far greater benefit with the larger income man.

This isn't even the whole story. Suppose John were to have died before

INDIVIDUAL PRACTICE	Example 1	Corporate Practice
\$30,000	Income Deductions $5,000$ Taxable Income $21,000$	\$26,000
7,230	Tax	5,660
\$22,770 \$20,340 \$ 2,430	Net After-tax Income Living Expenses Investment vs. Profit Sharing	\$20,340 \$20,340 \$3,900
Individual Practice		Corporate Practice
\$ 2,430 × 53.4295	Yearly investment at 6% Value of a \$1 Annual Investment at 3½% (net	\$ 3,900
	after taxes) for 30 years. Value of a \$1 Annual Investment at 6% for 30 years	× 83.8017
\$129,833	30-year Net Tax	\$326,826 81,707 (at 25%)
\$129,833	After-tax Net	\$245,119

having had the opportunity, or finding it necessary, to withdraw the monies from the profit-sharing plan. Monies paid to his beneficiary normally would not be taxable in his estate. Under an individual practice, even after he has paid individual taxes throughout the

years on his accumulation, it would be taxable in his estate. At the lowest estate tax bracket, and assuming that he has other assets, the \$129,000.00 accumulation might very well be taxed at ten to fifteen percent. As your in
(Continued on Page 11)

Example II

				- 13-27.					
	MPARATIVE BUILD-UP ETIREMENT BENEFITS	Profit Sharing Plan	Cash Bonus Plan	Profit Sharing Plan	Cash Bonus Plan	Profit Sharing Plan	Cash Bonus Plan	Profit Sharing Plan	Cash Bonus Plan
ANNUA	AL COMPENSATION	\$5,0	00	\$	15,000	\$25	,000	\$50,	000
15% EXTR	A To Profit Sharing Trust Direct to Employee	\$ 750	\$ 750	\$ 2,250	\$ 2,250	\$ 3,750	\$ 3,750	\$ 7,500	\$ 7,500
ANNUAL	Allocation in Trust Cash after Tax	\$ 750	\$ 600	\$ 2,250	\$ 1,550	\$ 3,750	\$ 2,150	\$ 7,500	\$ 2,950
20-YEAR	Accumulation in Trust Cash Payments	\$15,000	\$12,000	\$45,000	\$31,000	\$75,000	\$43,000	\$150,000	\$59,000
3% INCOM	IE Compounded Tax Free Compounded after Taxes	\$ 5,150	\$ 3,050	\$15,450	\$ 8,700	\$25,750	\$ 9,850	\$ 51,550	\$10,850
	nulation in Trust Interim Taxes	\$20,150	\$15,050	\$60,450	\$39,700	100,750	\$52,850	\$201,550	\$69,850
Cash in Your After All		\$18,500	\$15,050	\$50,600	\$39,700	\$81,700	\$52,850	\$152, 8 50	\$69,850
TAX A	DVANTAGE	\$ 3,450		\$10,900		\$28,850		\$ 82,450	
Page 8								OHIO	ARCHITECT



Corpus Christi Church, Cincinnati, Ohio • Architects: Gartner, Hurdick & Bauer-Nilsen • Photo by Jack Sterling

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University of Cincinnati Appoints New Assistant Professor of Architecture

Educated at the University of Durham, England, Oystein Egeland-Eriksen has been appointed assistant professor of architecture in the College of Applied Arts of the University of Cincinnati.

His appointment was announced by

PAC, AIA MONTHLY BULLETIN; Leon Arber, NEW ENGLAND ARCHITECT & BUILDER; John G. Flowers, TEXAS ARCHITECT; Philip Kessler, JERSEY ARCHITECT. Photo by New England Architect & Builder. Other publication members of PAC are: ARCHITECTS REPORT, GULF STATES ARCHITECT, INDIANA ARCHITECT, INLAND ARCHITECT, NEW MEXICO ARCHITECT, NORTHWEST ARCHITECT, SOUTHERN ARCHITECT, and WISCONSIN ARCHITECT.

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Ernest Pickering, dean of the College of Applied Arts.

Native of Norway, Professor Egeland-Eriksen received his Bachelor of Architecture from the University of Durham. He served one year in the Norwegian army.

Professor Egeland-Eriksen is particularly interested in civic design in architecture. He has worked in the city planning field in Norway.

come goes up, of course, the beneficial use of a profit-sharing plan is greatly increased. However, no matter how low your income might be, if you have a savings plan in mind, it can be best accomplished through a profit-sharing plan and it is not necessary that you be in high income tax brackets to realize the benefits of a profit-sharing plan. Let's take, for instance, the example of an architect who is making \$7500.00 per year, is struggling to make payments on his mortgage, and does not feel that he has money which can be set aside in a profit-sharing plan-he can benefit through the use of a professional corporation, in that his disability insurance can be tax-deductible through the corporation, or group life insurance purchased on the lives of the employees of the corporation in ratio to their annual salary is fully tax-deductible.

Although the State Professional Corporation Law does not exempt you from personal liability for mistakes which you have personally made in your professional conduct of the business, it does exempt you from liability, personally, for mistakes made by your associates; and it does exempt you from personal liability for the contractual obligations of the corporation, Many professional groups will elect to become incorporated solely from the standpoint of protection against liability for errors committed by their associates and for being able to enter into large projects without risking their life savings in doing so. This article does not intend to set forth all of the many advantages to corporate practice, but your individual problems can best be solved by your tax lawyer. In order to initiate a professional corporation and obtain the best results possible, it takes teamwork between your tax lawyer, your accountant, your insurance man, and your investment broker. All of them must be highly skilled in the field of taxation and corporate law. Most investments take time to mature before profits can be had, but an investment in competent tax advice almost invariably results in an immediate profit to the taxpayer.

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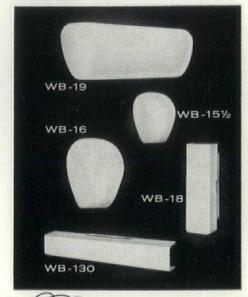
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LAWS PASSED BY 104TH GENERAL ASSEMBLY OF INTEREST TO ARCHITECTS

by Clifford E. Sapp, Executive Director Architects Society of Ohio

The 104th General Assembly of the State of Ohio established a number of new records and more are expected to be set when the Legislators return this fall. It may be that the 104th Assembly will be the first to inaugurate annual sessions, even if not by design, this year. The state law makers introduced nearly 100 more bills than two years ago. The Senators introduced 591 bills and the Representatives introduced 1,122 for a grand total of 1,713. This year's total will undoubtedly be swelled on their return next November 14.

In the veto department, Governor DiSalle has probably set a all-time record with his item by item veto of the appropriations bill. He has vetoed more than 1,000 items mostly covering appropriations in the second year of the biennium. Other than the partial veto of the appropriations bills, he vetoed 23 other bills. Two years ago, he vetoed 22 bills. The Assembly has overridden 8 of these vetoes, while 8 have been sustained through voting action and another 7 through indefinite postponement.

So far this season 380 bills have passed both houses and have been filed with Secretary of State Ted Brown for enactment into law. By comparison, in 1959, 374 bills were filed while in 1957 and the special session in 1958, 338 bills were filed.

Governor DiSalle recently conferred with Senate majority leaders, C. Stanley Mechem, and both men agreed to a special session devoted to the emergency items contained in the AM. H.B. 1120, more commonly referred to as the Capital Improvements Bill. They agreed that the time of the special session should be sometime between Labor Day (September 4) and the middle of September.

State Finance Director, Maloon, stated that the following items in the Capital Improvements Bill would be effected immediately: Public school buildings, 10 million; 15 million in over-all projects throughout the state; BUC office buildings and other projects of emergency nature.

Attorney General Mark McElroy recently ruled that the \$29 million appropriated for capital improvements by the 103rd General Assembly would remain available for incumberment until July 1, 1963. This may affect the possibility of a special session in September.

The following bills will be of general interest to the profession of architecture throughout Ohio. Of particular interest is AM. S.B. 550, which is explained in some detail by the author of the bill, the Honorable Richard B. Metcalf, Senator from Columbus, elsewhere in this issue of OHIO ARCHITECT magazine.

A special report has been issued to members of the Architects Society of Ohio relative to S.B. 340, pertaining

to proposed amendments to the architects registration law.

SENATE

- Sub. S.B. 345 Deddens. Permits underground parking garage. SIGNED: July 3, 1961. EFF: October 2, 1961. Note: Four members of the new underground parking commission are to be named for 2-4-6 and 8 year terms, effective October 2. The fifth member is the director of public works, Theodore Kauer, who is to serve as secretary. Successors shall be appointed for 8 year terms. No salary is paid, but expenses are reimbursed. This bill established this commission.
- AM.S.B. 490 Witmer. Permits cities to sell urban redevelopment on urban renewal property by negotiation. SIGNED: June 11, 1961. EFF: September 11, 1961.
- AM.S.B. 550 Metcalf. Permits the establishment of professional associations. SIGNED: July 19, 1961. EFF: October 17, 1961. (See Special Report on P. 7)
- AM.S.B. 578 Pepple. Permits institutions for higher learning participate in Federal grant programs to construct academic facilities. SIGNED: July 24, 1961. EFF: October 23, 1961.

HOUSE

- AM.H.B. 12 Jones. Defines facilities that may be constructed by state universities, SIGNED: March 24, 1961. EFF: June 23, 1961.
- AM.H.B. 18 Rychener. Prohibits advertising within the right-of-way of any public highway outside of cities. SIGNED: July 26, 1961. EFF: October 25, 1961.
- AM.H.B. 89 Jackson. Permits contractors file 10 per cent bond with highway construction bid. SIGNED: June 10, 1961. EFF: September 9, 1961.
- AM.Sub.H.B. 127 Fisher. Permits B & L Ass'n finance residential land developments; largely parallels provisions of Federal law.
- AM.H.B. 243 Zuber. Requires political subdivisions file w/county auditors notices relating to construction of public improvements & of the intention to assess for such construction. SIGNED: June 1, 1961. EFF: September 1, 1961.
- AM.H.B. 325 Kilpatrick. Reduces required percentage of voters to approve additional school tax levy at special elections from 60% to 55%. SIGNED: June 8, 1961. EFF: Sept. 7, 1961.
- AM.Sub.H.B. 466 White. Permits counties and cities enter into agreement to jointly build, occupy and manage public buildings and facilities. SIGNED: July 21, 1961. EFF: October 20, 1961.

(Continued on Page 13)

(Continued from Page 12)

AM.H.B. 470 Robinson, Permits cities adopt state codes by reference. SIGNED: June 30, 1961, EFF: October 2, 1961.

AM.H.B. 477 Aronoff. Changes procedure for determining amount of money to be retained by any school board of education as additional security for the faithful performance of contracts for labor and materials. SIGNED: June 22, 1961. EFF: October 21, 1961.

H.B. 510 Broughton. Increases salary limit of Secretary of Bd. of Bldg. Standards. NOT SIGNED BY GOVER-NOR. EFF: October 24, 1961.

AM.H.B. 517 Sweeney. Bd. of Bldg. Standards to certify municipal bldg. depts. SIGNED: June 29, 1961. EFF: Sept. 29, 1961.

AM.H.B. 581 Jackson. Permits Dept. of Highways use consulting engineers. SIGNED: June 15, 1961. EFF: Sept. 14, 1961.

AM.H.B. 681 Kurfess. Permits Bds. of County Commissioners establish building departments to enforce county residential building regulations. SIGNED: June 11. 1961. EFF: Sept. 11, 1961.

AM.Sub.H.B. 922 Jones. Conforms Ohio billboard law to Federal standards. SIGNED: June 28, 1961. EFF: June 28, 1961.

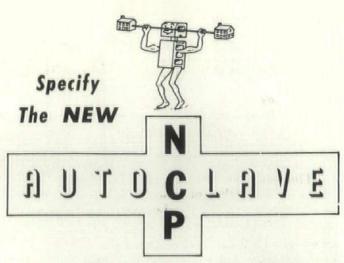
AM.H.B. 1041 Christiansen, Revises Mechanic's Lien law. SIGNED: July 24, 1961. EFF: October 23, 1961.

Cleveland Builders Supply Co. Promotions and Appointments



(L. to R.) B. E. Loftus was elected Assistant Treasurer. Warren Bucher was appointed Director of Purchases. Gordon D. Gill was elected Treasurer and succeeds Guthrie Bicknell (seated). Mr. Bicknell was elected Vice President in charge of Administration, in addition to his duties as Secretary.

In accepting the vice presidency Guthrie Bicknell said "The new CBS management team represents 50 years of combined experience in supplying building materials to the construction industry. We hope to continue our aggressive merchandising program for 1961 and maintain a competitive position in northeastern Ohio's growth that is the heart and life blood of the building industry."



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ASO CONVENTION NEWS

COMMITTEES HARD AT WORK FOR OCTOBER MEET

The 1961 Convention Committee, under the chairmanship of Howard B. Cain, is hard at work planning an exceptional program of events that will appeal to all archi-

The Ladies' Committee, under the direction of Mrs. Helen Duer, has already developed a program for the wives of architects that will insure an educational and entertaining time.

A new time concept has been introduced into the 28th Annual Convention and educational Exhibit of Building Products. Realizing that time is valuable to practicing architects the Committee has selected the dates of October 19, 20, 21, Thursday, Friday and Saturday for the Convention. Officially the Convention commences at 5:00 P.M. with the Exhibit opening and is followed by the "Ice-Breaker" get-together, a social and entertainment party for architects, wives and exhibitors on Thursday evening. The Convention will adjourn on Saturday afternoon but a grand theatre party has been planned for Saturday eve by Alex Robinson III for those wishing to remain.

The re-scheduling will require that the busy architects miss only one day from their work-week and will permit many to attend on Saturday that cannot attend on a week-day.

All in all, everything points to an outstanding 28th Annual Convention - so be sure to hold these dates open and save enough \$ from the vacation fund to attend!

General Convention Chairman Cain has appointed the following architects and persons to his various Commit-

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ASO Pres.

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Howard B. Cain

Gen. Convention Chrm.

Mrs. Robert C. Gaede

Robert N. Yoder

Robert P. Madison

Alexander Robinson III

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(Continued on Page 19)



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"The versatility, convenience and cleanliness of Natural Gas, along with the decided economy factor, make it ideal for a varied operation such as ours," says Philip C. Chin, executive chef at Kahiki.

Gas-fueled luau torches are a "natural" for Kahiki; and the towering Easter Island heads are crowned with fiery halos created by Natural Gas. Restaurateurs Leland Henry and William Sapp also installed Gas Heating and Gas Water Heating.

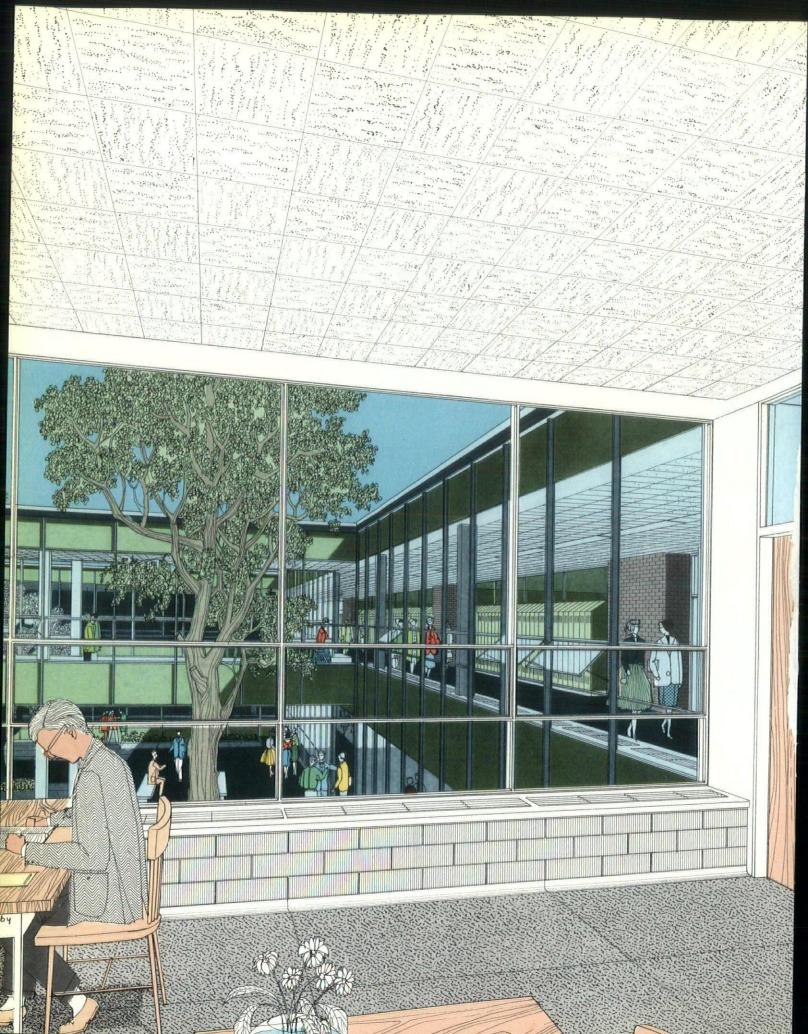
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How Armstrong Acoustical Fire Guard cut ceiling costs on this Ohio school by 53¢ a square foot. Saved: \$56,069

On the Left you see a Helmut Jacoby rendering of the new Valley Forge High School, Parma Heights, Ohio. To meet the specifications of Architects Fulton, Dela Motte, Larson, Nassau & Associates, of Cleveland, ceilings in the school had to perform two major functions—provide acoustical treatment and meet a two-hour fire code requirement.

Specifications called for Armstrong Acoustical Fire Guard or an alternative of acoustical tile cemented to plaster. The firm which was awarded the contract submitted a bid showing that Acoustical Fire Guard would cost \$56,069 less than the alternate. This represented a saving of 53¢ per square foot since 105,000 square feet of Acoustical Fire Guard ceilings were specified.

Widest Range of Time-Design Ratings

Acoustical Fire Guard, available in both 12 x 12 inch tile and 24 x 48 inch lay-in units, offers you more than significant savings like this. To date, eleven different floor and ceiling assemblies incorporating Acoustical Fire Guard ceilings have been tested at Underwriters' Laboratories, Inc. Ratings of from one to four hours are available within these eleven assemblies. Therefore, Fire Guard offers you the widest available range of UL time-design ratings for fire-retardant acoustical tile and lay-in ceiling systems.

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The variety of floor-and-ceiling assemblies, incorporating Acoustical Fire Guard ceilings, will suit most forms of construction. This gives you more flexibility in the selection of UL rated fire-retardant acoustical ceilings. Since Acoustical Fire Guard has been meeting rigid fire code requirements

across the nation for more than two years, it is widely recognized by local fire code authorities.

Also, Acoustical Fire Guard tile and lay-in units can be combined effectively in different areas of the same project. This is because both offer the popular Fissured and Classic surface patterns. And the factory-finished surface requires no painting and a minimum of maintenance.

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From one construction project after another comes proof that Armstrong Acoustical Fire Guard can sharply reduce your ceiling construction costs. To learn more about how Acoustical Fire Guard will meet your design requirements, and at the same time save money, call your Armstrong Acoustical Contractor (he's in the Yellow Pages under "Acoustical Ceilings"), your nearest Armstrong District Office, or write to Armstrong Cork Company, 4208 Quay Road, Lancaster, Pa.

Here are 9 Acoustical Fire Guard UL ratings most frequently used to meet fire code requirements

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#13	2-hr. (Beam— 3-hr.)	#8 #7	2-hr, 1½-hr.
#21 #8	2-hr. 1½-hr.	#9	1-hr.



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Certification of Municipal Building Departments

Effective September 29, 1961, sections 3781.03 and 3781.10 of the Revised Code will provide that municipal building departments be certified by the Ohio Board of Building Standards before pre-empting the field of building inspection. This does not affect those departments exercising enforcement authority over one, two and three-family dwellings only, and certification is not required for such departments.

The Ohio Board of Building Standards will hold a public hearing on September 14, 1961 at 10:30 A.M. in Hearing Room No. 2, Ohio Departments Building, 65 South Front Street, Columbus 15, Ohio, for the purpose of adopting regulations for the certification of municipal building departments. These are regulations adopted in 1960 for the certification of county building departments, revised to include municipal building departments. Copies of the public-hearing draft of the proposed regulations are available at the office of the Board of Building Standards, 813 Ohio Departments Building, Columbus 15, Ohio.

The hearing will follow the public hearing on Group XV amendments which begins at 9:00 A.M. It is anticipated that the regulations for the certification of municipal and county building departments will be filed with the Secretary of State to become effective to coincide with the effective date of legislation.

The Board will issue a temporary certification to municipal building departments in existence prior to September 29, 1961. Temporary certification will be withdrawn for municipal building departments not making application for regular certification by December 1, 1961.

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AMWELD APPOINTS DISTRICT MANAGER

The appointment of David W. Flickinger as district manager for the Amweld Building Products Division, Niles, Ohio, was recently announced by James R. Doran, Manager of Sales. In his new position, Mr. Flickinger will be responsible for building product sales in Michigan, Indiana, Kentucky and western Ohio. He will be headquartered in Detroit.

Amweld, a division of the American Welding and Manufacturing Company, Warren, Ohio, makes a complete line of steel doors and frames for commercial and industrial applications. Mr. Flickinger brings to his post a background of some nine years' experience in the sale of metal door products. He attended Kent State University, Kent, Ohio, and served with the U. S. Navy in World War II.

DESIGNERS AND BUILDERS' PLANS FOR THE 1967 MOSCOW WORLD FAIR

By Yuri Dykhavichny, Chief Designer of the Moscow Construction Bureau

In May 1967 the pavilions of the World Fair to be held in Moscow will receive its first visitors. Several groups of Soviet architects and designers are working on the architectural concept of the Moscow Fair. Soon they will be joined by their foreign colleagues.

The size of the fair is not the only aspect that complicates the problem of construction; moreover, it is important to forsee the progress to be made by science and technology in five to six years. Recently the Shchusev Museum in Moscow organized a display of preliminary projects and plans for the arrangement of the pavilions. These were just the first sketches, the first attempts. Nevertheless, in many respects they determine the general trend.

Modern concepts in engineering techniques envisage large spans and the covering of considerable area without intermediate supports. Among the projects there are several rather original buildings with structural elements of a new type, making it possible to cover support-free spans up to 500, 600 and even 700 meters, whereas today there are only 100-200 meter spans in unique buildings.

The supporting structures will be made of highly durable and very light materials with good heat insulation properties. High quality steels with a rated tear resistance of 30,000 to 40,000 kg. per sq. cm., synthetic materials and transparent plastics for the roofs of the pavilions, as well as polymeric decoration materials will be widely used in these buildings. And, of course, pre-fabricated ferro-concrete structures will also be represented.

On the day of the opening and on holidays a sodium cloud will be cast over the site at a height of 200-300 meters, which will illuminate the Fair with unusual silvery light. The scientists are working on the problem of keeping the blue sky permanently open while the Fair is on.

In this way the organic combination of architectural art, new construction techniques and the latest achievements in physics and chemistry will help to determine the concept of the future World Fair in Moscow.



TOLEDO CHAPTER ELECTS NEW OFFICERS FOR 1961-62

New officers of the American Institute of Architects, Toledo Chapter, are: President (1st row left) J. Robert Normand of Charles Barber and Associates; First Vice President, (first row, right) Harold C. Munger, Munger Munger and Associates; Second Vice President (center, standing) Robert M. Lutz, Bellman, Gillett and Richards; Secretary (standing, left) Robert E. Stough, Buehrer and Stough; and Treasurer (standing, right) Robert E. Martin, Schauder and Martin.

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'CEILING IS BELIEVING' This thermostat, as well as others in a large Midwest department store, is hanging from the ceiling. Minneapolis-Honeywell engineers, who selected the unique location in preference to placing temperature sensors in an air duct, said it provides more accurate temperature control and also keeps the devices out of the shoppers' way. The pneumatic thermostat is mounted on the end of a standard Prescolite lighting fixture. Pneumatic tubing replaces the wires inside the fixture. Retention of the fixture's swivel head makes it possible to set the thermostat at any desired angle. The unit can be hung from a discharge grille or a standard four-inch electrical box. Honeywell also has installed ceiling thermostats in a Midwest office building where movable partitions precluded the conventional wall-mounting.

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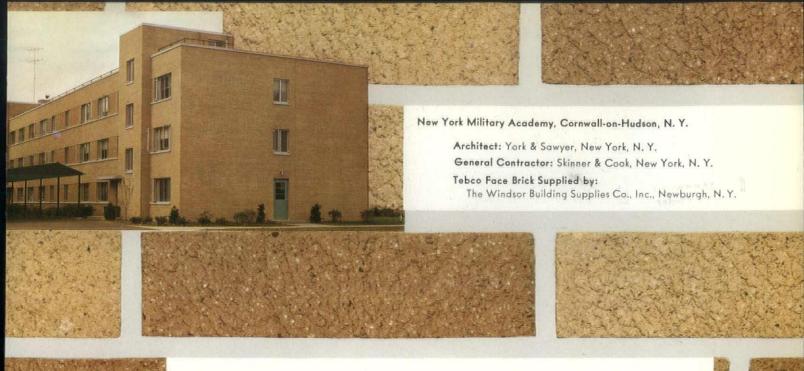
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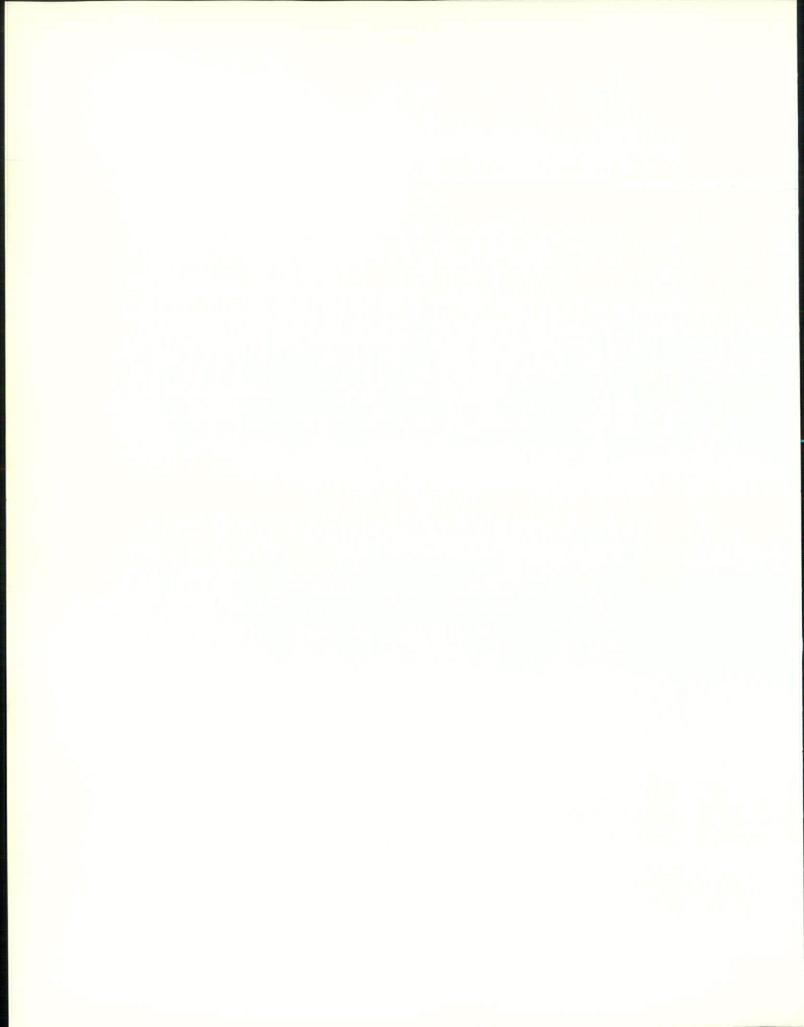
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GYM ROOF OF CONCRETE HAS RECORD SPAN

Scheduled for completion this fall, the men's gymnasium at Indiana State Teachers' College in Terre Haute is attracting special interest because of its long roof span. With a prestressed folded plate concrete roof extending 165 ft. (155 ft. between columns), it is believed to be the longest single span structure of this kind yet built.

The column-free design is of particular advantage for a gymnasium, allowing flexible space for various sports and an unobstructed view for spectators. An area 210 ft. by 155 ft., which will normally be used as three gyms for physical education classes, can be converted into one large room for inter-collegiate basketball games and similar events. Telescopic remote-controlled 30-row bleachers will pull out over two of the gym floors to provide seating for 5,000 people.

An adjoining structure will provide space for three classrooms, fourteen offices, a 72x49-ft. gymnastics floor, a 49-ft. square wrestling and boxing area, and a 75-ft. long Olympic size swimming pool.

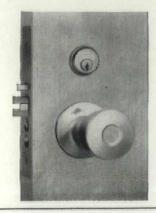
In addition to functional advantages, the combination of folded plate design and prestressing is proving economically attractive. Cost of the roof installed is approximately \$6.36 per sq. ft.

The folded plate design consists of eight configurations 26 ft. across and 11 ft. 6 in. high, extending crosswise of the building. To get maximum reuse of forms, a 12-in. construction joint was located in each top flange, and the closure strip cast after the adjoining sections were placed and tensioned. The top and bottom flanges are 12 in. thick, while the inclined sections are $6\frac{1}{2}$ in. thick.

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Among the many wonderful prizes and surprises in store for architects attending the 28th Annual Convention and Building Products Exhibit in Cleveland, October 19, 20, and 21, this prize is the grandest of them all.

The ASO Convention Committee has made these arrangements which will be a truely fabulous prize for the winning architect. Conditions are:

You must attend the Convention.

You must visit as many exhibitors as possible.

You must be present to win.

You must be an ASO member.

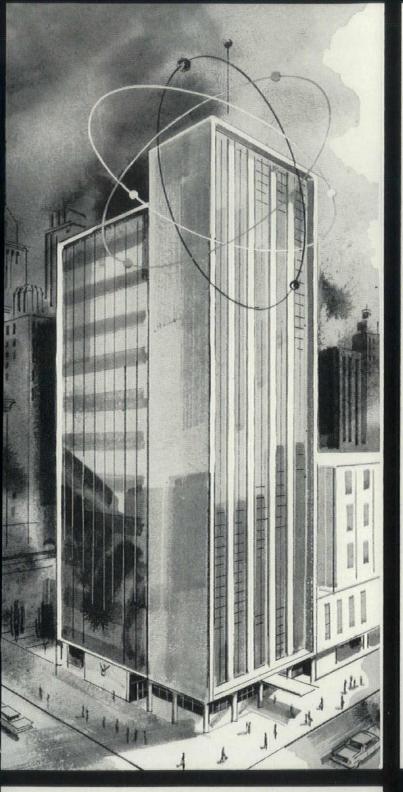
Don't forget to reserve the dates October 19, 20, and 21 for the Annual ASO Convention at the Statler Hilton Hotel in Cleveland.

Edison Names E. J. Smith

Architectural Assistant

E. James Smith, 2823 Northwood Ave., has been named architectural assistant in the Toledo Edison Co. home planning center. He was formerly on the staff of Bellman, Gillett & Richards, Toledo architects and engineers.

In his new post, Mr. Smith will assist Edison customers in the design of kitchens and other residential rooms with emphasis on wiring and electrical services. He is an arts graduate of Ohio University and is a member of Toledo Chapter, American Institute of Architects.



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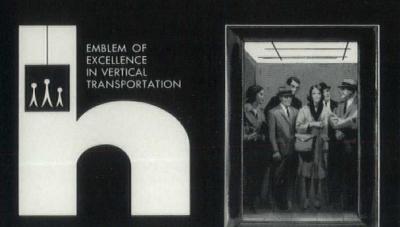


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CHAMPS RETAIN TITLE

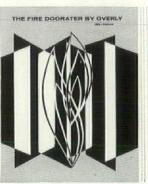
The AIA Team retained its championship of the Columbus Architectural Bowling League with a convincing playoff over Brown, Brubaker & Brandt and Dan A. Carmichael.

Top pressure bowling by the champs has proved too much for the league over the last two years but the competition has been close and spirited all the way. Captain and sponsor Loren Staker was ably assisted by Bob Yoakum, Dan Sims, Harry Collier and Jack Bachtel in the title drive.

Other highlights of the 1960-61 season, were the emergence of league President Bob Webb as top bowler and the fine 3117 series and 8th place finish in the City Tournament by the Carmichael squad.



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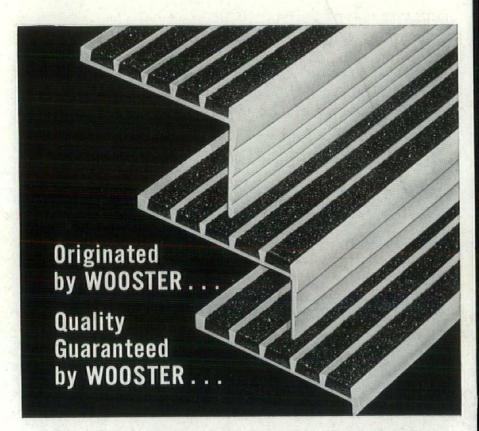
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