

Architecture / West



THE ONLY MAGAZINE DEVOTED EXCLUSIVELY TO WESTERN ARCHITECTURE ◆ NOVEMBER 1967





STRUCTURAL DESIGN NEWS

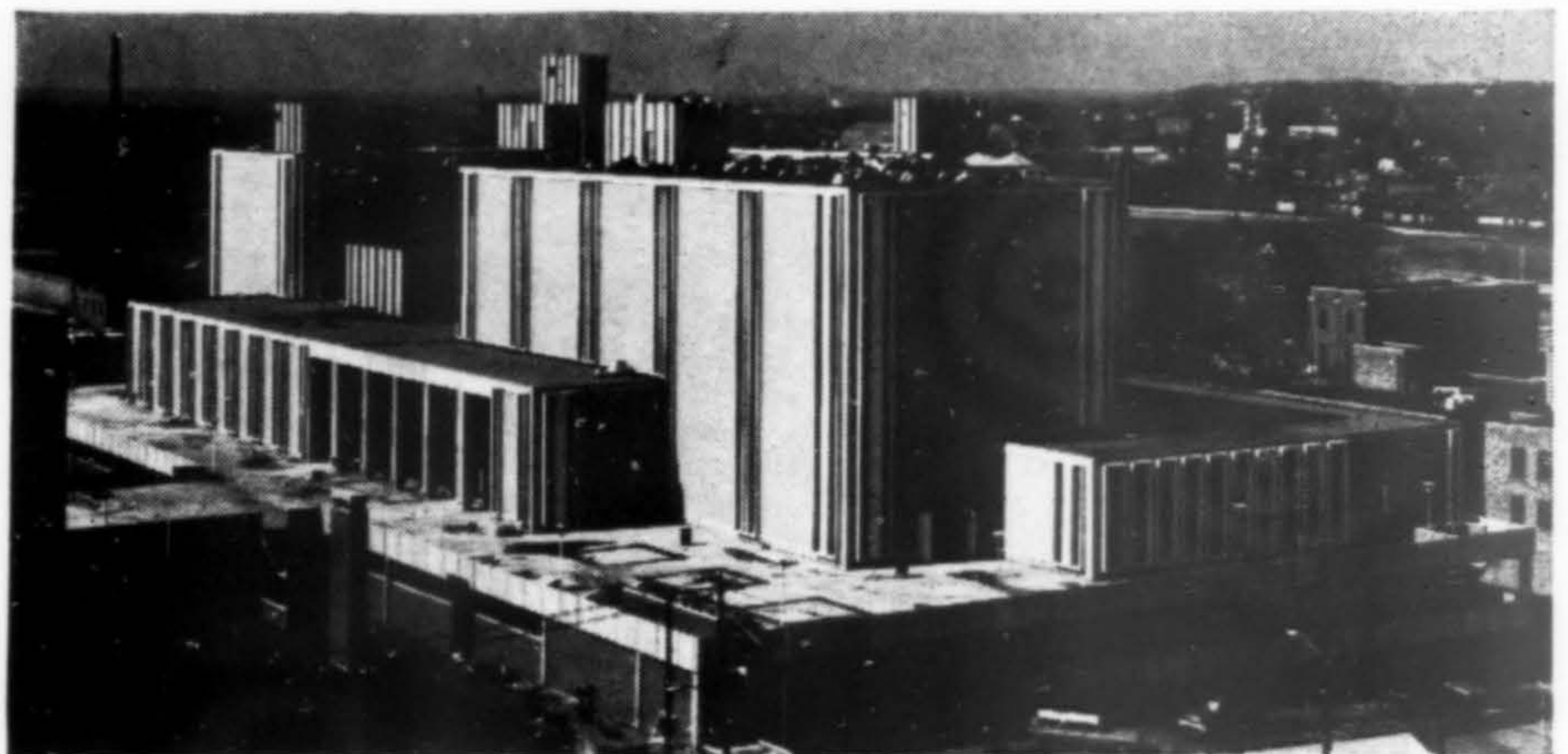
FROM BETHLEHEM STEEL

No. 22

New academic center with open, multi-deck parking.

When completed, the Auburn Science and Engineering Center at University of Akron will consist of multi-level, semi-detached, steel-framed educational buildings built over a two- and three-level parking structure. The multi-deck garage provides 150,000 sq ft of space...enough for 345 cars.

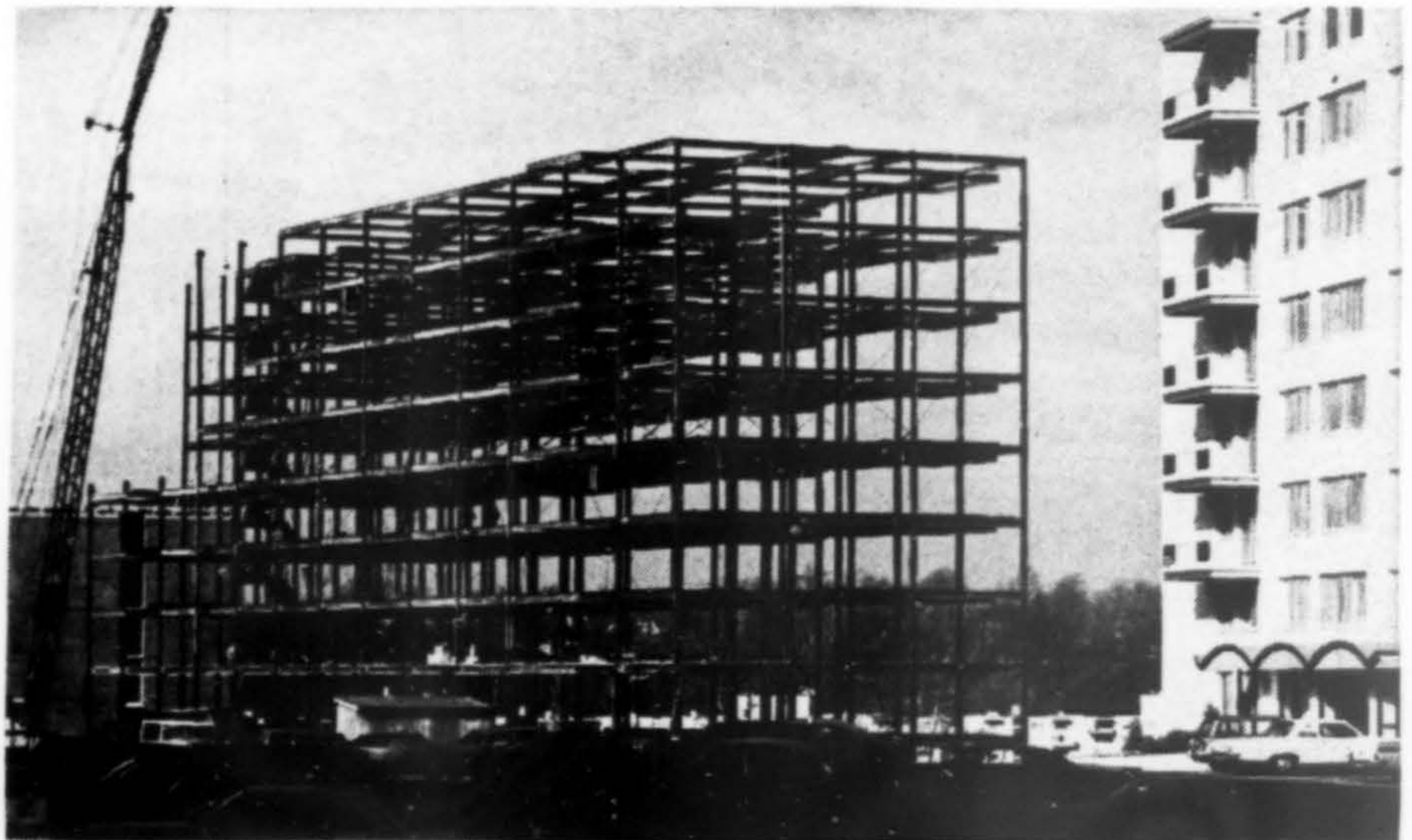
Each of the three towers contains five stories, including a plaza level. A classroom-lecture hall building, and a library with a mezzanine complete the complex. Total space: 227,000 sq ft, all of it free of columns. Composite construction was used throughout for economy.



Owner: Akron University; Architect: Tuchman-Canute Architects; Structural Engineer: Francis W. Stafford; Steel Fabricator and Erector: Burger Iron Company; General Contractor: Freeman Construction Company; Bethlehem supplied the majority of the 1,900 tons of A36 structural steel.

Steel framing contributes to \$90,000 lower cost of first phase apartment construction. With the first two 110-unit buildings completed, work is underway on the second phase of this Top-Of-The-Hill Apartments project at Hillcrest Heights, Maryland. The combination of efficient column spacing, careful materials selection, and rapid steel erection resulted in a tidy saving for the owners, Oak Hill Village Associates.

Each of the buildings is framed with 235 tons of Bethlehem structural steel. An all-welded structure, combining A36 structural steel and high-strength Bethlehem V50 (50,000 psi min yield), proved to be the most economical method of construction. Engineering design studies indicated that another framing material would produce 38% greater column loads, and cost 23% more.



Owner: Oak Hill Associates; Architect: Sheridan, Behm, and Associates; Structural Engineers: Horatio Allison Associates; Steel Fabricators: Ingalls Steel Corporation; Steel Erectors: Ray Gains; General Contractor: Filmore Chaiken Construction Company.

Design simplicity contributed to rapid steel erection. All nine levels of the first building in phase two went up in five weeks.

BETHLEHEM STEEL





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VOLUME 73, NUMBER 11

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THE COVER: Marine Family Housing, University of Colorado, Boulder, Colorado; Moore & Bush, architects. Rush McCoy photo. Page 17.

HIGHLIGHTS and SIDELIGHTS

California still growing—

California, the nation's most populous state, grew by nearly 400,000 residents last year. Estimated population is now 19,535,000. While the trend continues toward urban areas, some of the most unexpected increases have been in counties neighboring Los Angeles and San Francisco. Santa Clara County, south of San Francisco Bay, has increased from 642,315 to 966,800 since the 1960 census. Orange County increased more than 80% in the same period, to 1,268,900.

Church's role in the planned community discussed—

Churchmen and land developers met recently in a shirt-sleeve, no-holds-barred session to map plans for a continuing dialogue that will have a profound influence on the residents of the hundreds of totally planned communities on the drawing boards throughout the nation. The meeting, organized by Sanford Goodkin, Los Angeles based real estate research and marketing consultant, discussed the churches' role in the planned community. The group of nearly 75 people met in Westlake Village, a planned community 35 miles from Los Angeles. More than a half-million acres of developed land or to-be-developed property that will house nearly two million people were represented by the building executives. Virtually every faith and denomination was represented as well as men from the U.S. Department of Housing and Urban Development.

Trans International Airlines new headquarters—



Trans International Airlines' new main headquarters are under construction at the Metropolitan Oakland International Airport. TIA, who recently moved their headquarters from Las Vegas, employs 350. The two-level building will cover 13,810 sq. ft. Two wings will surround a glass and brick two-story reception area and court. The building is designed for future expansion. Cost: \$273,000. Architect: Harry A. Bruno; H. G. Speagle Construction Co., contractor.

\$30 million community planned at Spokane, Wash.—

A comprehensively designed community will be built north of Spokane, Washington, over a period of 10 years, at a reported cost of \$30 million. Clearing and road building on the planned 650-acre project is under way. The first plat will be for 180 homes with recreational development, apartments, townhouses and a commercial area planned. The development area is owned by Waikiki Syndicate, a joint-venture partnership of businessmen and doctors. Sherwood Shores Development Company of Bellevue, Washington, is developing the site.

Sheraton-Universal Hotel in Los Angeles—



Work began in August on the 21-story Sheraton-Universal Hotel in Los Angeles. It is the first concrete frame building over 160 ft. high to be constructed in the area since elimination of the height restriction from the City Building Code last fall. When completed in December of 1968 it will be the tallest concrete frame structure in Los Angeles and one of the tallest in Southern California. The 500-room hotel, designed by New York architect William B. Tabler, is being constructed at Universal City Studios overlooking Cahuenga Pass. Robert E. McKee of Los Angeles is general contractor.

Housing starts in West up 17 per cent—

Housing starts in the 11 western states during 1968 will total 250,000 units, up 17 per cent over the previous year, according to Sanford R. Goodkin, real estate and marketing consultant. In the September Goodkin Report, he noted that western home building dropped from a peak 435,000 units in 1963 to a low of 211,200 in 1966. In 1963, western housing production accounted for 27.1 per cent of all housing starts in the nation. This declined to a low of 16.9 in 1966 and is expected to rise to about 18 per cent in 1968. California accounted for 22.4 per cent of all the housing starts in the nation in 1963. This has gradually decreased to only 9.9 per cent in 1966, an estimated 9.5 per cent in 1967 and 10.5 per cent in 1968. Goodkin predicted that the net result of the 10 per cent surcharge on income taxes would lead to an estimated increase of 100,000 starts in the U.S. in 1968.

Hornyak to supervise Embarcadero Center design—

John M. Hornyak has been named resident architect for the new \$150 million Embarcadero Center under development in San Francisco. Hornyak is an associate of Edwards and Portman, Atlanta architectural firm. The center, being developed by David Rockefeller, Trammel Crow, Cloyce Box and John Portman, embraces over 8.5 acres in San Francisco's Golden Gateway area. Hornyak will be responsible for coordinating the design and technical aspects of the project—from architectural plans, cost analysis and design layout, to structural, electrical and mechanical engineering. In addition he will supervise a supporting staff of architects and draftsmen from offices at 450 Sansome Street in San Francisco.

Inspectors' course: one man for three—

Los Angeles city building inspectors are undergoing a 5½-month training course that will, upon completion, enable each inspector to do the work previously done by three men. Officials believe that the training will save home builders time and money. The training teaches each man to inspect plumbing, electrical and building facets of residential construction.

Urban design team created in Washington State—

The Washington State Highway Department announced in September that it has created an urban design team. The six-man group includes two architects, an economist, an urban planner, a sociologist and the former dean of the University engineering school. The first project the group will study is a section of Bothell Way between its intersection with Interstate 5 and Interstate 405 in Seattle.

Program to eliminate business district "eyesores"—



An Urban Projection Program designed to inspire the businessman to prevent business districts of cities and towns from becoming "tomorrow's eyesores", has been launched by Western Wood Products Association. The program points out that investment of time and money now for construction of better communities, especially in the much-ignored business districts, will be a profitable one. As an example of what can be done, the Association presented at their recent semi-annual meeting, a "20-year look into the future" at Lake Oswego, Oregon, a Portland suburb of 12,000 residents. Four Pacific Northwest architectural firms, working as a team, showed how a 30-block business district can be developed into an area of compatible design and personality, a principle they maintain can be applied to business districts of towns and small cities in all 50 states.

Calendar of coming events—

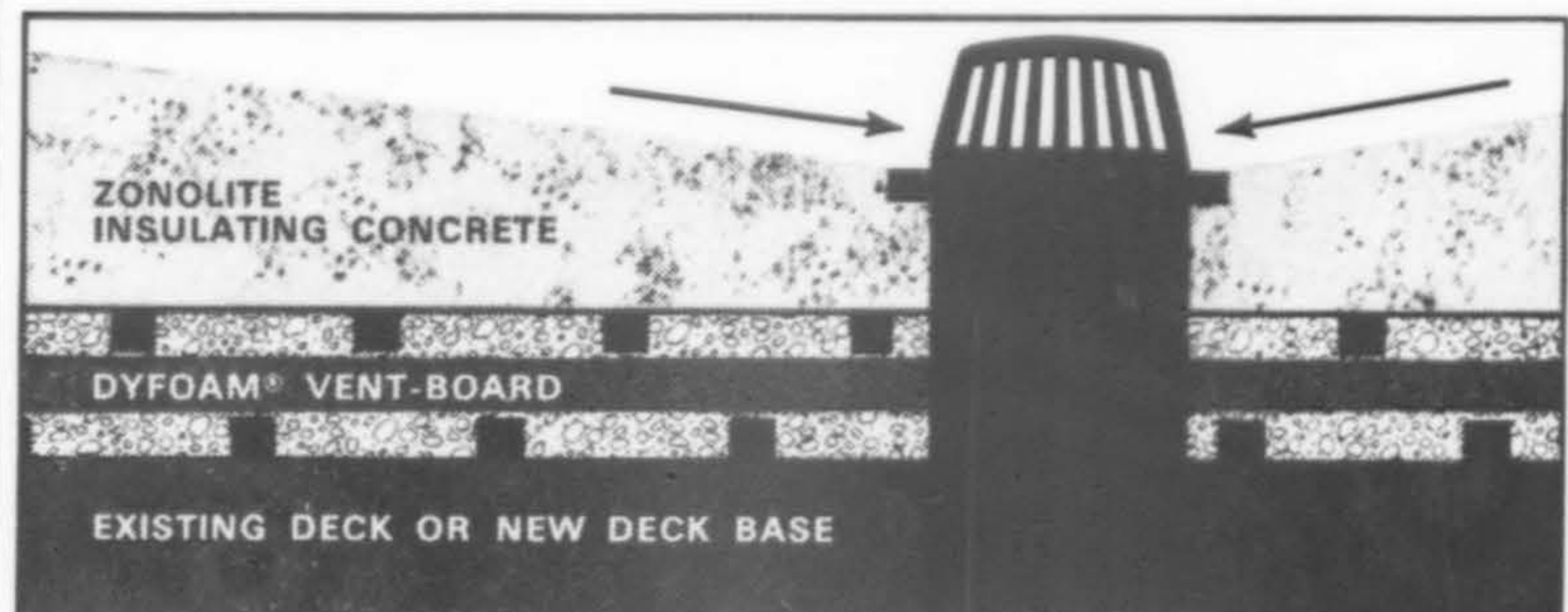
Western Mountain Regional AIA conference, Broadmoor Hotel, Colorado Springs, Nov. 5-8.

Plumbing Brass Institute, Americana Hotel, New York City, Nov. 27-29.

National Association of Home Builders, "The Name of the Game is Living," convention-exposition, International Amphitheatre, Chicago, Dec. 3-7.

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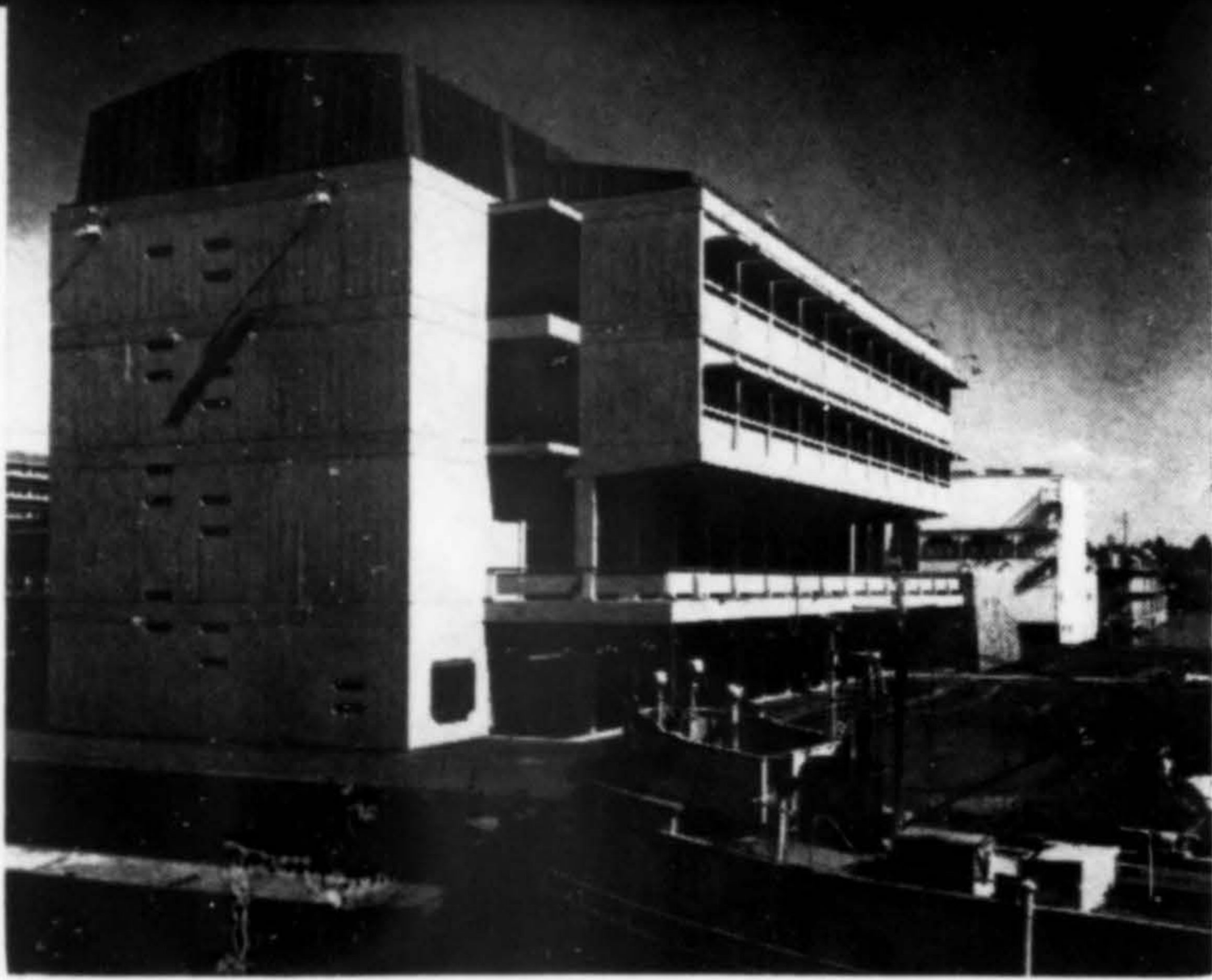
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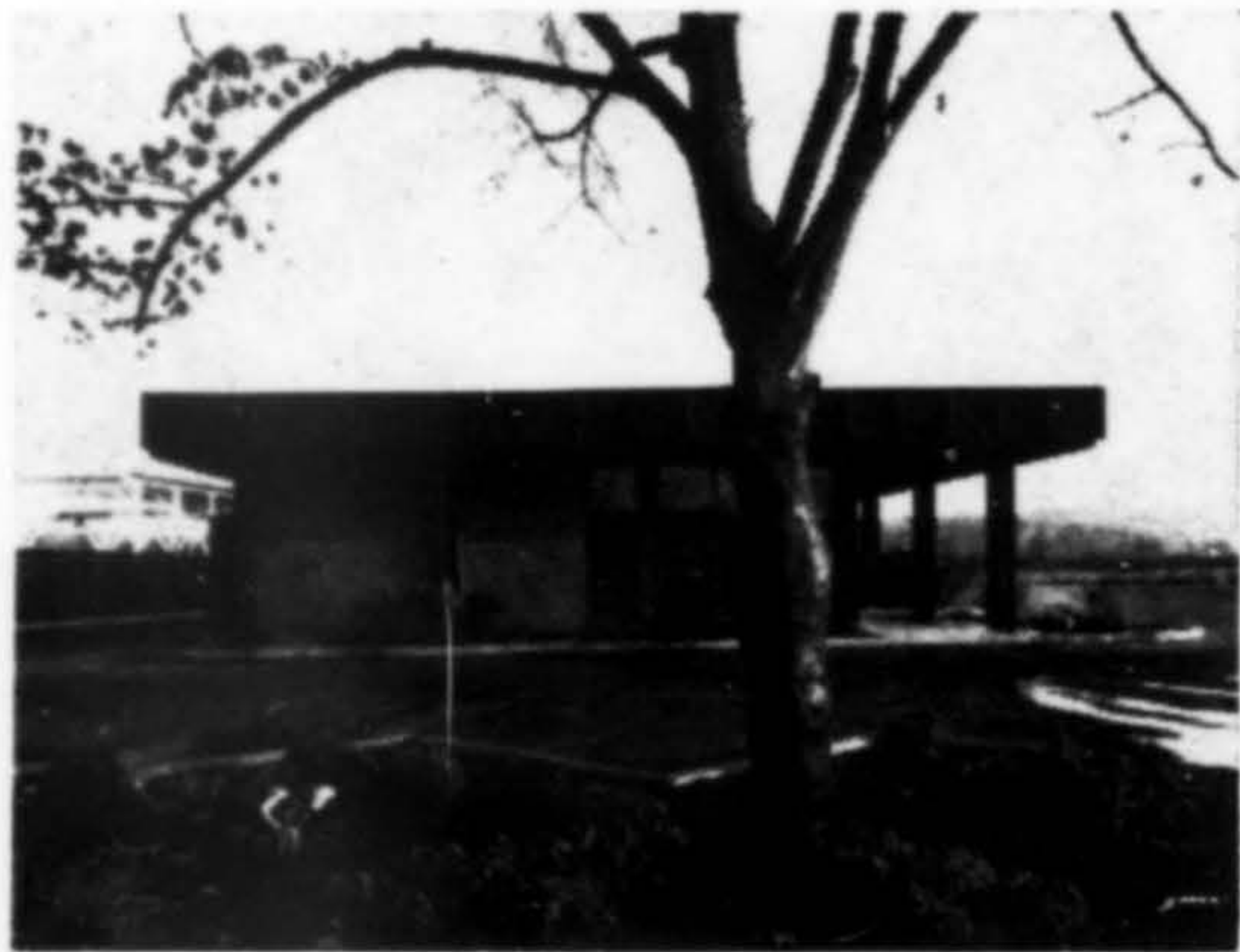


OCEANOGRAPHY BUILDING, University of Washington. Honor Award. Architect: Liddle & Jones.

**SOUTHWEST WASHINGTON AIA
1967 HONOR AWARDS PROGRAM**

Jurors:

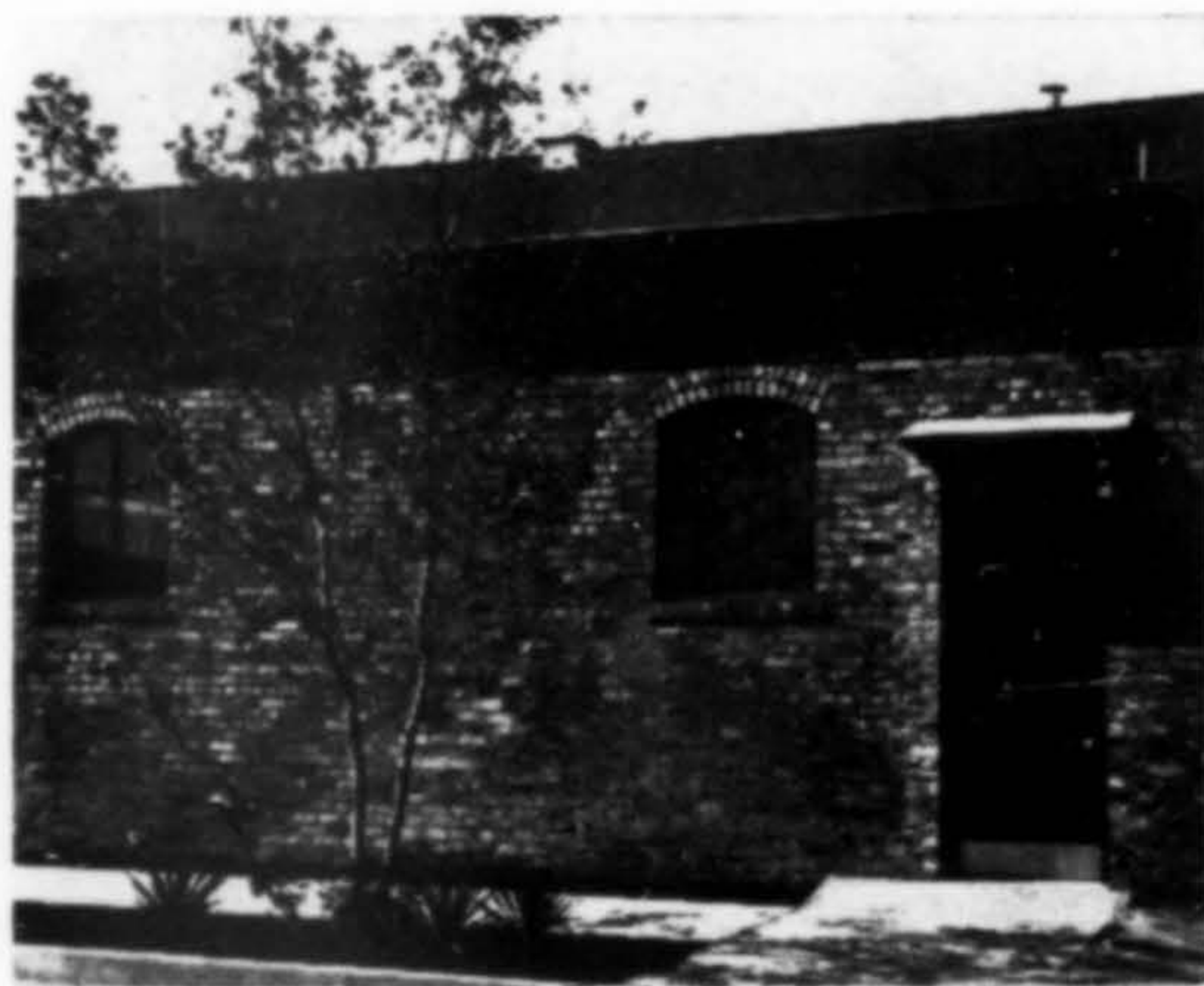
Joseph Esherick, FAIA, San Francisco;
John Storrs, architect, Portland; A. O.
Bumgardner, architect, Seattle.



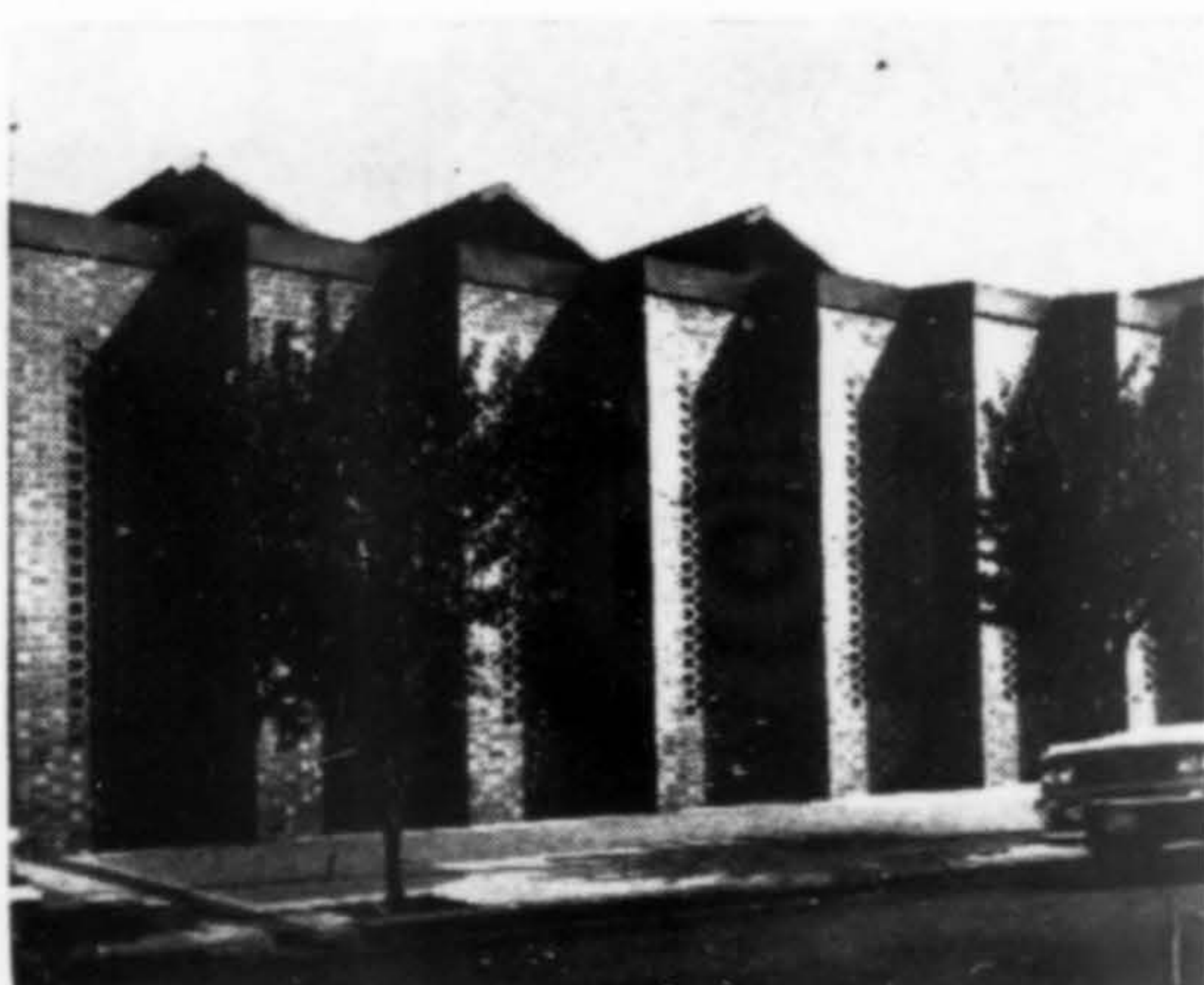
PUGET SOUND National Bank, Linden Drive Branch, Puyallup, Washington. Merit Award. Architect: Johnson-Austin Associates.



FAWCETT AVENUE Housing for the Elderly, Tacoma. Merit Award. Architect: Robert Billsbrough Price, FAIA. (A/W, Sept. 1967).



BODY SHOP, South Tacoma Motor Company. Merit Award. Architect: Hocking & Moriarty.



WHITE HAND LAUNDRY, Tacoma. Special citation. Architect: Hocking & Moriarty.



DR. EVANS Dental Clinic, Tacoma. Merit Award. Architect: Liddle & Jones.



WILDWOOD PARK Elementary School, Tacoma. Special Citation. Architect: Seifert, Forbes & Berry.

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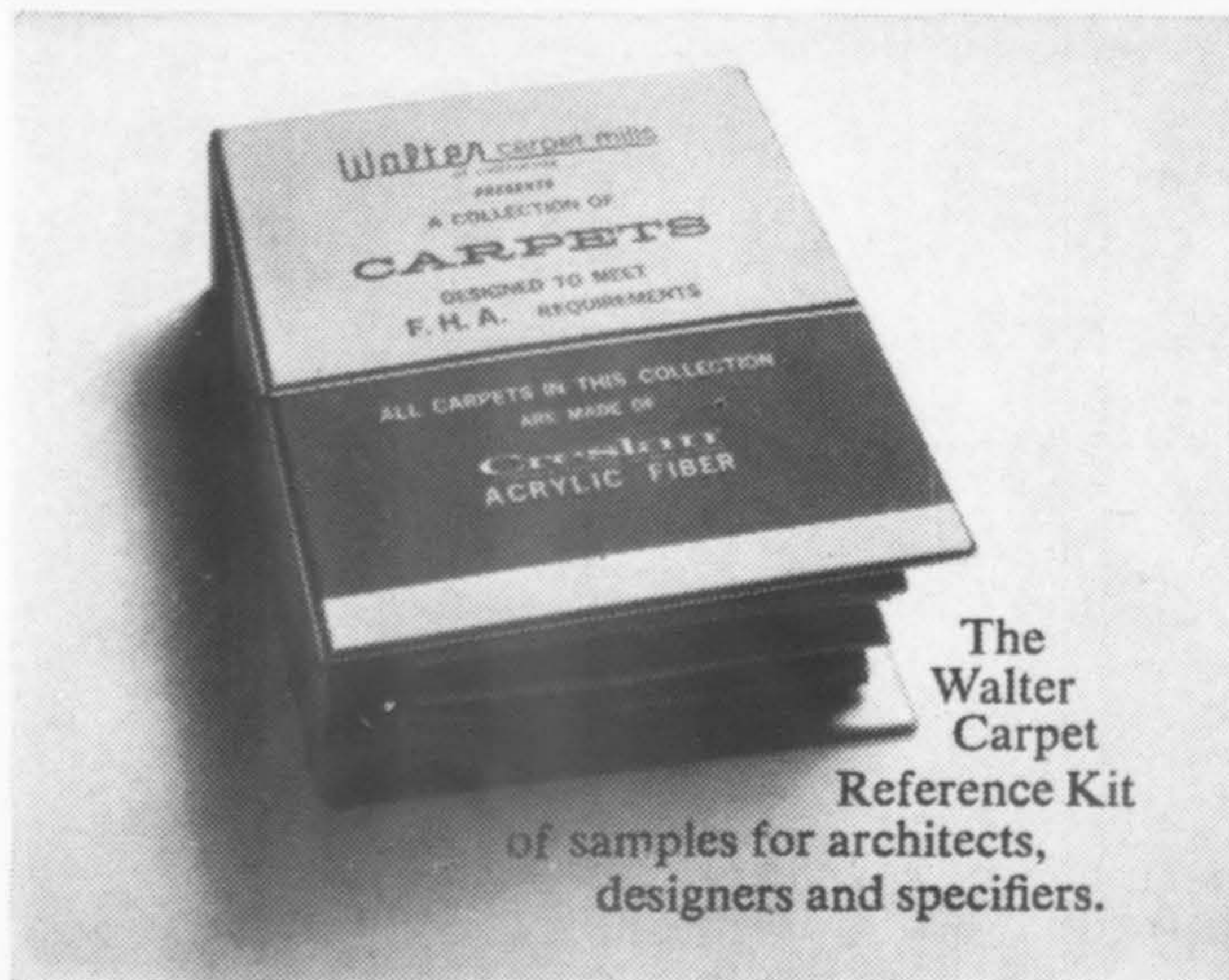
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AR



1.

PROJECT PREVIEW

2.



1.

CITY HALL, San Carlos, California, will be the first addition to the Civic Center complex. Building will be of lightweight reinforced concrete, sandblasted, and mission tile roofing. Completion: September 1968. Cost: \$1.4 million. Architect: Chan/Rader and Associates.

3.



2.

LOW INCOME housing for the elderly, Denver, presently under construction, will have 100 units in a nine-story structure (gross floor area: 63,500 sq. ft.). The structure will be flat plate reinforced concrete with brick exterior for tower and stone exterior for first floor walls. Completion: summer 1968. Total cost: \$1.3 million. Architect: Miles Lantz; Lembke Construction Co., contractor.

4.



3.

PLAZA SOUTHWEST, the nucleus of a 30-acre combined living-commercial complex, southwest of Portland, Oregon, will have six two- and three-story lease buildings, a meeting hall-coffee shop building in the first phase. Total cost, first phase: \$3.5 million. Architect: Broome, Selig & Oringdulph.

4.

UNITED ARMENIAN Congregational Church, Hollywood, California, will be 12-sided structure set in a garden, enclosed by Sunday School rooms, a fellowship hall-gymnasium and kitchen facilities. Construction is tilt-up concrete, frame and stucco. Architect: Burman & Rasmussen; Samuleson Brothers, contractor.

5.



5.

MAPLEWOOD HEIGHTS Elementary School, Renton, Washington, will have six buildings. Walls will be giant brick with a wide fascia of multicolored marblecrete. Completion: early 1968. Cost: \$948,413. Architect: Johnston - Campanella-Murakami & Co.; Olsen & Ratti, structural engineer; Absher Construction Co., contractor.



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"Space and Human Behavior"

16th annual conference, Northwest Regional AIA
Spokane, Washington October 1-4, 1967

WITH A PROGRAM that raced the clock, the Northwest Regional AIA 16th annual conference ran bing-bing from breakfast through evening socials. Hosted by the Spokane (Wash.) Chapter, AIA, and headquartered at the Ridpath Hotel and Motor Inn, each day started with a breakfast speaker, followed immediately by a seminar in an adjacent room.

The conference began on Sunday with a rousing train trip to the Pend Oreille country, a real get-acquainted event. It ended with a supper-theater party that wound up four tightly scheduled days.

Speakers were from disciplines other than architecture, yet closely related to the profession. Dr. Eldon Weeks, associate agricultural economist from Washington State University, opened the conference. An eye-opener on what can be accomplished architecturally in one small community was presented visually and orally by R. Benjamin Bush, president of the Columbus, Indiana Redevelopment Commission and general counsel for the Cummins Engine Company of that city. "The Columbus Story" elicited much comment from the architects present because only nationally known architects were commissioned for all the redevelopment or new construction in the city of 27,000. (Columbus boasts only one architectural firm.)

Charging that about all architects have done thus far to affect the total look of cities is "call for more public responsibility and better management of the public part of urban environment," was John W. Dyckman, professor of city and regional planning at the University of California, Berkeley. "Architects should develop a systems approach to urban environment. Today architecture is attacking the problem only through the skin and skeleton of the city—the houses, offices and buildings. You must know and provide the metabolism of cities—the part that turns water, food and fuel into sewage and pollution."

The youthful appearance of David C. Miller, a futurist (director of fu-



RAFFERTY



KASSABAUM



DYCKMAN



MC CUE

tures studies for the Communications Services Corporation and West Coast adviser to the world Futures Society), belied his approach to the future of the architectural profession and his down-to-earth manner of speaking. He pointed out that "of all trends in civilization, one of the most urgent and grim is the one which exists between the people in this world who have and the people who have not . . . I believe, and many of my fellow futurists believe, that this gap can literally destroy our civilization if it gets bad enough. We might not even need a nuclear war to do away with ourselves."

"Somehow, then, you as architects are going to have to learn how to create environments which give both the rich and the poor a good deal more than they find in their surroundings today."

He touched on the population explosion, the race between communications technology and transport technology, and particularly stressed the need for a national model building

code, which he believes is the starting point for all that is to come in the profession.

Perhaps the most controversial of all was Dr. Max Rafferty, superintendent of public instruction for the State of California. He emphasized that education can give Americans the facts but it cannot change the facts or force a change in the people. "Education cannot guarantee a man a job. It can give him the skills he needs to get and hold a job, but the all-important attitude and desire he must generate himself". Rafferty sharply divided his audience—half of them applauding his patriotic approach, the other half pointing the finger of "McCarthyism."

George McCue, art and urban design critic of the St. Louis Post-Dispatch, in an illuminating slide presentation outlined the use and misuse of space and of color, as it pertains to people, to objects, to land. He urged that space be intelligently preserved—for use for and by the people.

George Kassabaum, FAIA, and vice president of the American Institute of Architects, claimed that his own profession had been far too hesitant in taking the initiative in the design of cities. "We must find new ways of living together in ever greater numbers while holding back the pressures for building warehouses to store people."

Each speaker sat in on a panel discussion comprised of architects from the various chapters within the Northwest region and students from the school of architecture at the University of Idaho, with audience participation at each session.

The first Northwest Regional AIA honor awards program was instituted at the Spokane conference. (Winning entries will be published in a forthcoming issue.)

More than 300 were in attendance. Evelyn and Fred Creager were co-chairmen. The 1967 conference will be hosted by the Idaho Chapter, AIA, at Sun Valley, October 3-5, with Glenn Cline as chairman. —R.G.

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New firms, associations, office changes

□ Daniel J. Havekost has purchased the Denver architectural and planning firm of Papachristou & Havekost. The new company name is Daniel J. Havekost & Associates. Offices will remain at 1755 Glenarm Place, Denver. Tician Papachristou has moved to New York City where he will practice architecture with Marcel Breuer & Associates.

□ Balzhiser, Seder and Rhodes, Eugene, Oregon, architectural firm, have announced the appointment of architect Christopher C. Morgan as an associate. He will be the firm's representative to Lane Community College, in charge of the \$16 million campus.



MORGAN

□ Lun Chan and Morton Rader announce the appointment of James A. Babcock as an associate in the firm of Chan/Rader and Associates, San Francisco.

□ Cesar Pelli, director of design for Daniel, Mann, Johnson & Mendenhall, Los Angeles, has been elected vice president of the architectural-engineering-planning firm.

□ Ted Moore, who has practiced architecture in Denver for 20 years, is leaving the firm of Moore & Bush to join Hugh Stubbins & Associates in Cambridge, Massachusetts on November 1. The firm will be continued by Arthur Bush under the name of Arthur H. Bush & Associates at the same location: 393 Corona, Denver.

□ The architectural firms of Ray Takata, Architect and John W. Hansen, Architect, announce the formation of a partnership for the practice of architecture under the firm name of Takata & Hansen, Architects. Offices have been relocated to 926 Jay Street, Suite 910, Sacramento, California.

□ Greybrook-Bradbury, AIA, Architects announce that the firm of Weaver & LaLonde, AIA, Vancouver, has joined them as associates. The firm name has been changed to Greybrook-Bradbury & Associates, AIA, Architects. The main office is at 518 Main Street, Vancouver, Washington.

□ Architect J. William Simpson has opened an office for the practice of architecture at 217 East Garces Avenue, Las Vegas, Nevada.

□ Steven W. G. Au, Donald W. Cutting, Donald Fairweather, Roger S. Smith, have joined together to form a new firm: Au, Cutting, Fairweather & Smith, Architects and Planning Consultants. Offices are at 810 Richards Street, Suite 606, Honolulu.

□ Architect Marvin S. Knox, Los Gatos, California, is terminating his architectural practice at 166 Saratoga Avenue, Los Gatos, California. Following a lengthy traveling vacation he will relocate in another area.

□ The Lynnwood, Washington office of Shorett, Osbo, Heideman and Mofett, Architects, has moved to the Lynnwood Professional Center. Seattle offices will remain at the same location in the Securities Building.

□ Robert Weissenbach, architect, has joined the staff of Jack Woodman & Associates, Bellevue, Washington.

□ Daniel W. Cook, urban planner and economist, has joined Daniel, Mann, Johnson & Mendenhall, Los Angeles architectural-engineering-planning firm, as projects planner. He will headquarter at DMJM's San Francisco division office in Redwood City.

Credit for the fine photographs in the Woodlake Apartment feature, September A/W, pages 26-28, was inadvertently omitted. They were by Roger Sturtevant.



Multi-story apartment complex, Rolling Hills, California, will be seven stories utilizing stressed masonry brick bearing walls and prestressed concrete floor planks. There will be an average of five units per floor. Subterranean parking for 65 cars will be provided. Cost: 1.25 million. Architect: Bodrell Joer'dan Smith & Associates; Ellis E. White Co., contractor.

Elections

□ Montana Chapter, American Institute of Architects, has elected the following officers:

Vincent Werner, Great Falls, *president*

Martin Crennen, Helena, *president-elect*

Cleo Rose, Bozeman, *secretary-treasurer*

Willard Johnson, Billings; F. Wayne Gustafson, Billings; William Kuhn, Great Falls, and William Grabow, Bozeman, *directors*

□ The California Council, American Institute of Architects, has elected the following officers to serve for 1968:

Burton Rockwell, Jr., San Francisco, *president*

Edward Killingsworth, FAIA, Long Beach, *vice president* and *president-elect*

Roy Drew, San Diego, *secretary*

Whitson W. Cox, Sacramento, *treasurer*

Frederick Noel, Santa Barbara, *member-at-large*

□ The Idaho Chapter, American Institute of Architects, named the following 1968 officers at their recent meeting:

Richard Kelley, Boise, *president*

Neil Smull, Boise, *vice president*

Robert Hamill, Boise, *secretary-treasurer*

Larry Matson, Idaho Falls, and Paul Blanton, Moscow, *directors*



A 17-unit apartment project in Buriem, Washington, presently under construction, is comprised of four basic unit types, modified to suit individual circumstances, for nine different variations. The building steps down an existing slope. Architect: Kieth Nissen; owner, Southwest Associates.

News notes

□ William J. Hess of the firm of Mc-Iver and Hess, Architects, Great Falls, Montana, has been elected chairman of the City-County Planning Board for Great Falls and Cascade County.

□ Don R. Griffin has been reelected to a three-year term on the Byean Park (California) Library District Board of Trustees. He has served as president the past two years.

□ Alfred J. Graf, architect, has been elected mayor of the City of Winters, California. He has previously served as a member of the Winters City Council and the City Planning Commission.

□ John L. Wright, Seattle architect, has been elected director of the Northwest Region, American Institute of Architects, succeeding Robert B. Martin of Lincoln City, Oregon. A partner in the firm of Bindon & Wright, he is presently serving as president of the Washington State Council of Architects. He will assume his new post in June, 1968.

□ Architect Howard Calvin Mielke, Los Angeles, has been named president of the Studio City Rotary Club for 1967-68.

□ Ronald R. Meza, architect and director of hospital planning for Charles Luckman Associates, Los Angeles, has been elected administrative vice president of Architects Toastmasters, believed to be the only chapter in the world-wide organization devoted exclusively to architects.

□ Harold D. Engstrom, Casper, Wyoming architect, has been elected first vice president of the board of trustees of the Natrona County Fair Association. His five year term expires in 1970.

□ Lloyd Faulkner, president of Faulkner Associates, interior design and space planning firm in Los Angeles, has been awarded one of five \$1,000 prizes in the national Uniroyal, Inc. design competition. He was the only California winner. The contest was open to members of the American Institute of Interior Designers.

□ Barbara Lorenz has been added to the staff of Armstrong & Sharfman, landscape architects and site planning firm in Brentwood, California. She is a graduate landscape architect from the School of Landscape Architects in Vienna.

□ George Wellington Stoddard, 71, retired Seattle architect, died September 28. A graduate of the University of Illinois, he formed a partnership with his father, Stoddard & Son, in January 1920. Following the death of his father in 1929 he formed his own firm, George W. Stoddard & Associates, and in 1955 went into partnership with Francis E. Huggard. The firm, Stoddard-Huggard & Associates, Architects-Engineers, was maintained until his retirement in 1960. Among projects for which he was responsible are the covered addition to the University of Washington stadium, the Seattle High School Memorial Stadium, the Green Lake Aqua Theater and the Youth Service Center in Seattle.

□ John T. Clabby, Jr., 43, vice president and manager of the systems division, Daniel, Mann, Johnson & Mendenhall, Los Angeles, passed away suddenly October 1 in Pomona, California following a heart attack. He joined the DMJM staff in January 1959.

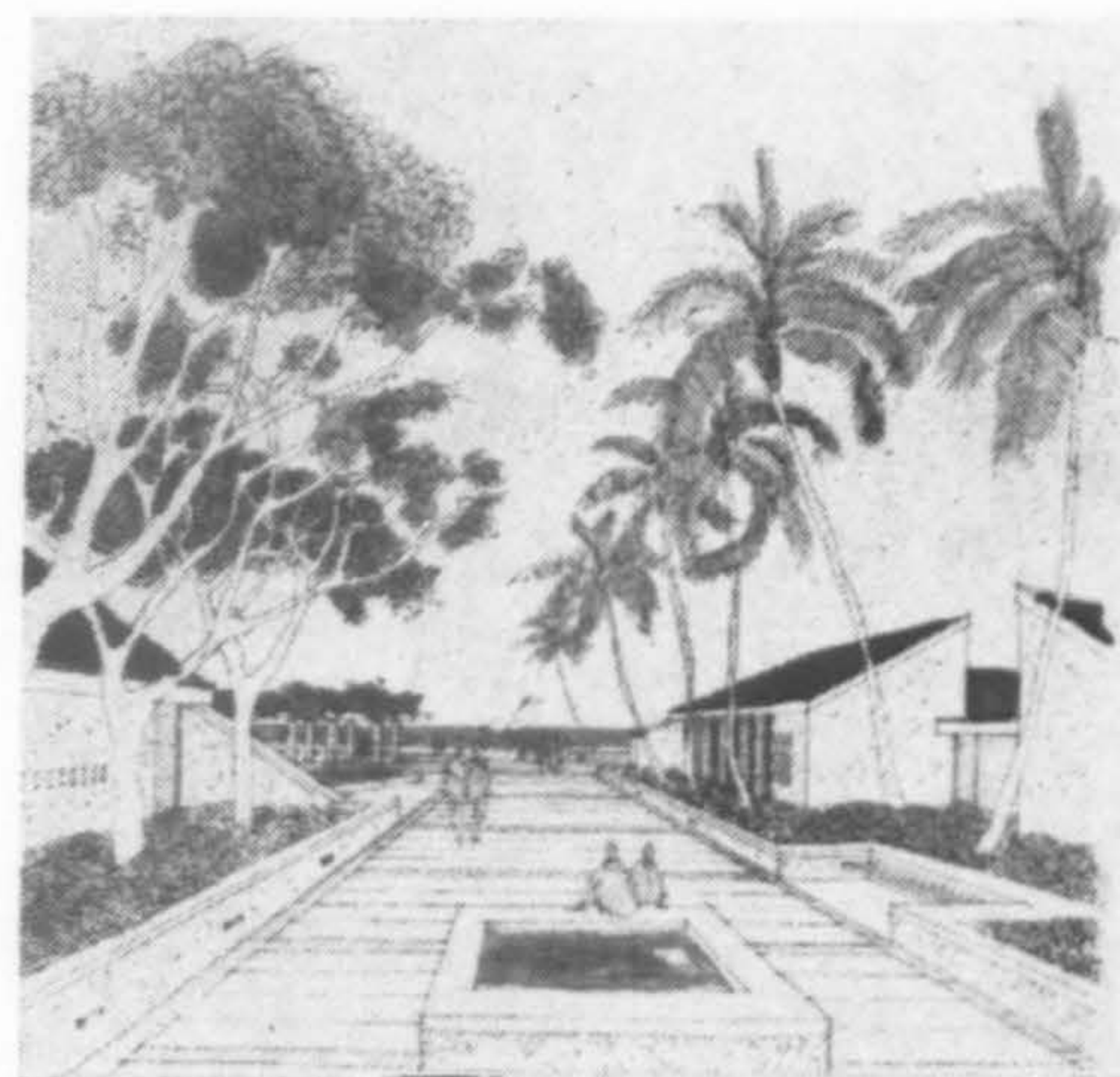
□ J. Alvin Butler, 73, retired Salt Lake City architect and civil engineer, died September 30 at his home in that city.

□ Henry W. Staub, 80, retired Denver architect, died of a heart attack September 15. He was associated with Temple H. Buell until his retirement five years ago. Among the buildings he designed are the Daniels & Fisher Tower, the Colorado State Office Building and the Colorado Consistory Cathedral.

□ Charles H. Kellogg, 72, retired Denver architect, died September 10 after a short illness. He maintained his own office until his retirement six years ago.

Commissions

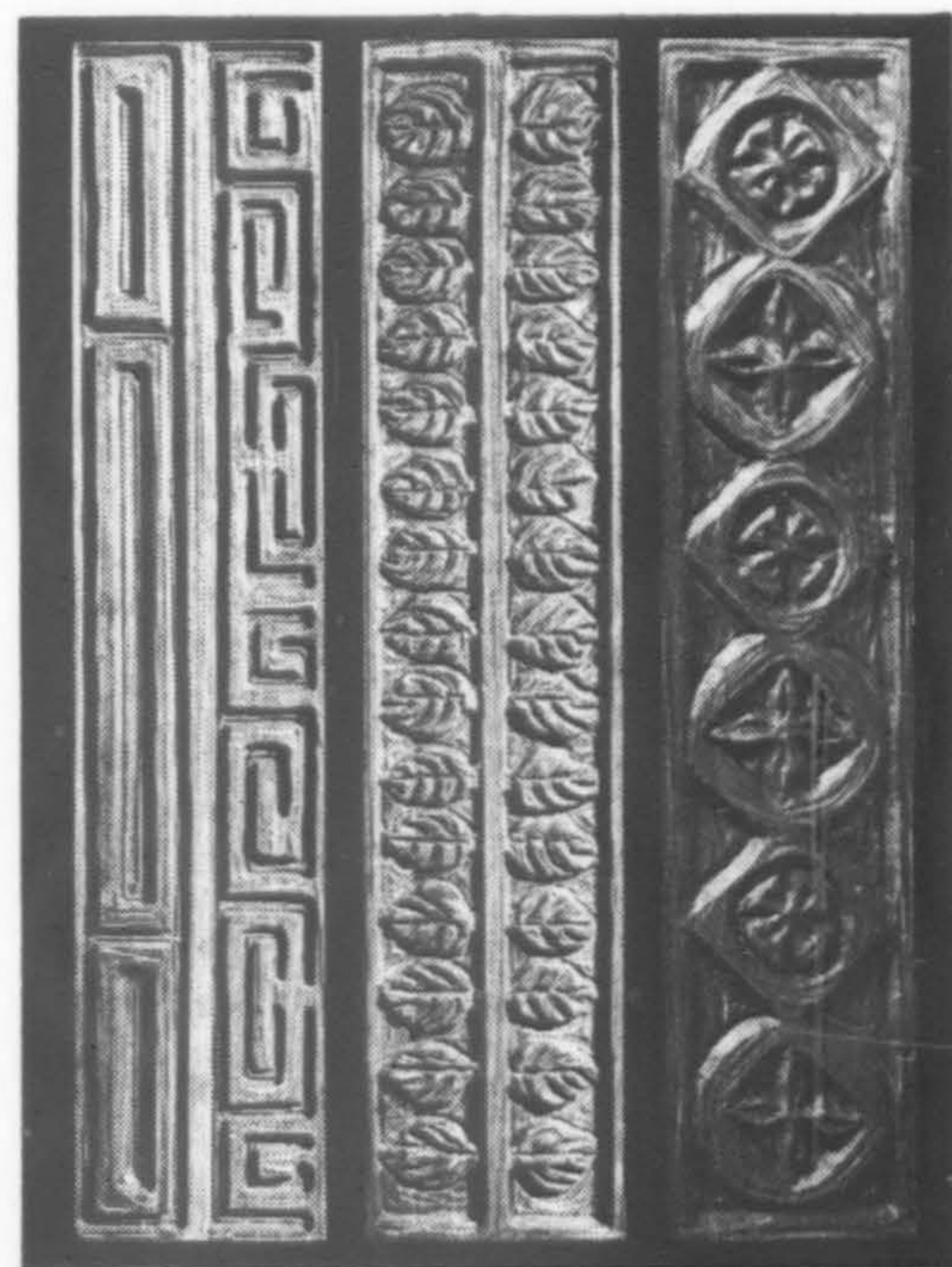
□ *Albert C. Martin & Associates*, Los Angeles, have been asked to prepare the program for additional facilities in accordance with the master plan for Antelope Valley College, a \$1.5 million expansion program . . . *Taylor, Thon, Schwartz & Kirkpatrick*, Kalispell, Montana, are drawing plans for a 40-room, \$1.9 million junior high school for Libby, Montana at Libby Dam . . . *Clayton and Jean Young* have been appointed to design the remodeling of the Dental Wing of the Health Science Building at the University of Washington . . .



First prize in competition to Honolulu architect

THOMAS E. FANNING, a young Honolulu architect, won the \$1,200 first prize in a national architectural competition sponsored jointly by PPG Industries and the National Institute for Architectural Education. Second prize of \$750 went to Gary Rogowski, a California State Polytechnic student.

The competition was based on architectural renderings for a nursing home that would be located ten minutes from a general hospital. The winning complex was designed in the shape of a circle with the exterior providing views of the south shore of the island of Oahu and the interior opening on a series of court and garden arrangements.



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SALT LAKE CITY • Rio Grande Lbr., 540 W. 2nd S.
HONOLULU • Wallpapers, Inc., 3634 Waialae Ave.

Competitions

□ The annual competition for the Brunner Scholarship Grant has been announced by the New York Chapter, American Institute of Architects. Proposals will be reviewed until January 15, 1968. The competition is open to any citizen of the United States engaged in the profession of architecture and its related field. The award is designed to further the development of architecture in the United States by granting one or more scholarships for advanced study in some special field of architectural investigation which will most effectively contribute to the practice, teaching or knowledge of the art and science of architecture. Applications may be had by writing H. Dickson McKenna, Executive Director, New York Chapter, AIA, 115 East 40th St., New York City 10016.

□ Nominations for the 1968 twelfth annual R. S. Reynolds Memorial Award for distinguished architecture which uses aluminum will be received until February 1, 1968. Sponsored by the Reynolds Metals Company and administered by the American Institute of Architects, the international award offers an honorarium of \$25,000 and an original sculpture in aluminum. Information: AIA, 1735 New York N.W., Washington, D.C.

□ The American Library Association and The National Book Committee in cooperation with the American Institute of Architects, announce the opening of nominations for the 1968 fourth annual Library Buildings Award Program for excellence in architectural design and planning of libraries.

Information may be obtained from the AIA, 1735 New York Ave. N.W., Washington, D.C. 20006.

New addresses

DON L. WILBUR & ASSOCIATES—1609 Westwood Blvd., Los Angeles, from Santa Monica.

CHESTER L. LINDSEY—Metropole Building, 2nd & Yesler, Seattle.

FOLSOM & HUNT—252 Union Pacific Building Annex, Salt Lake City.

JOHN B. COX—140 E. Glade Ave., Mesa, Arizona, from Davis, Calif.

WILLIAM B. JOHNSTON—P. O. Box 778, Spokane, Wash., from Reno, Nevada.

DONALD CHRISTENSEN—119 Hemingway Ave., East Haven, Conn., from Oakland, Calif.

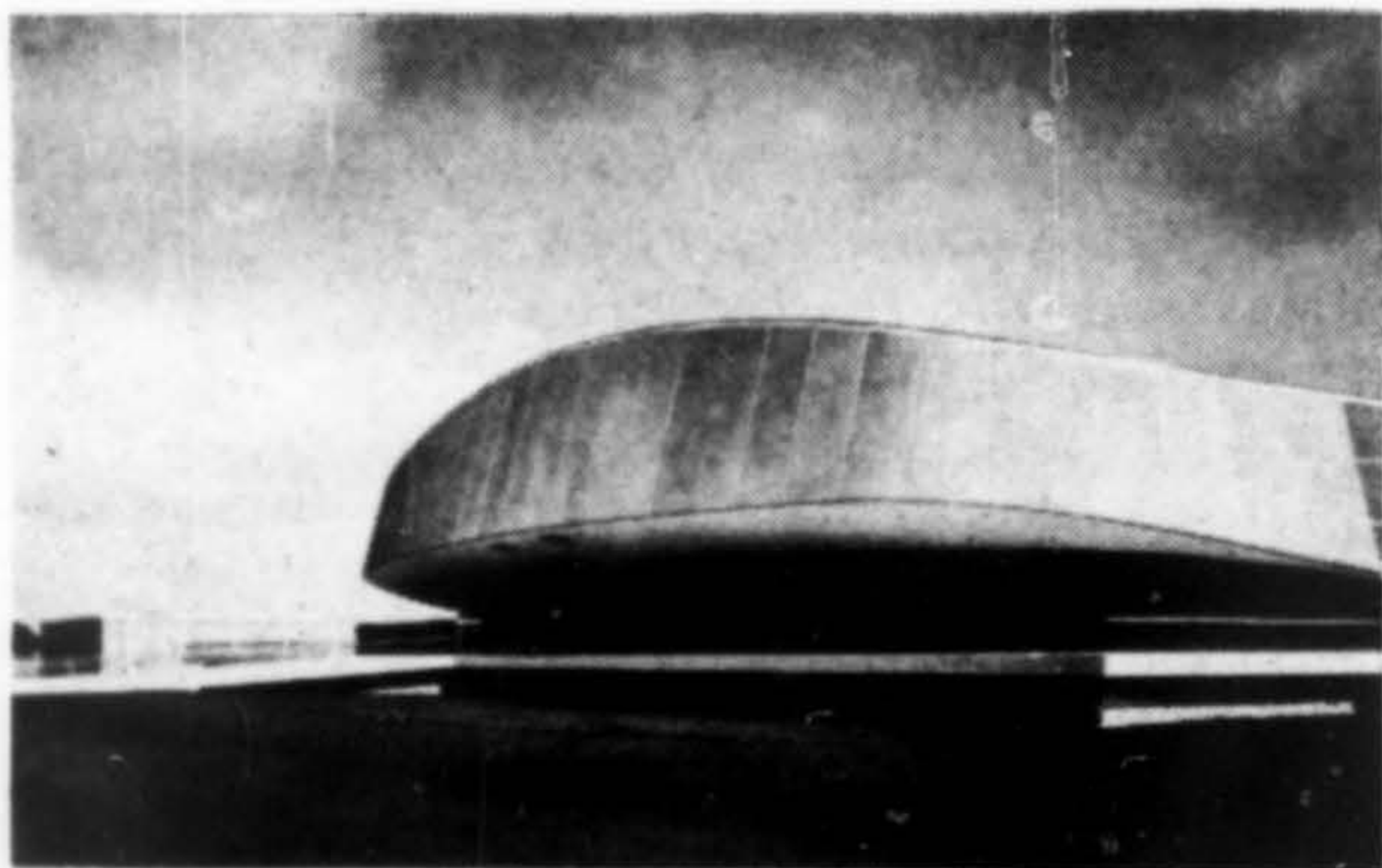
DEAN M. STROTHER—466 Mariposa Drive, Ventura, Calif., from Cuyahoga Falls, Ohio.

RICHARD PATRICK — 602 Anderson Road, Davis, Calif., from Sacramento.

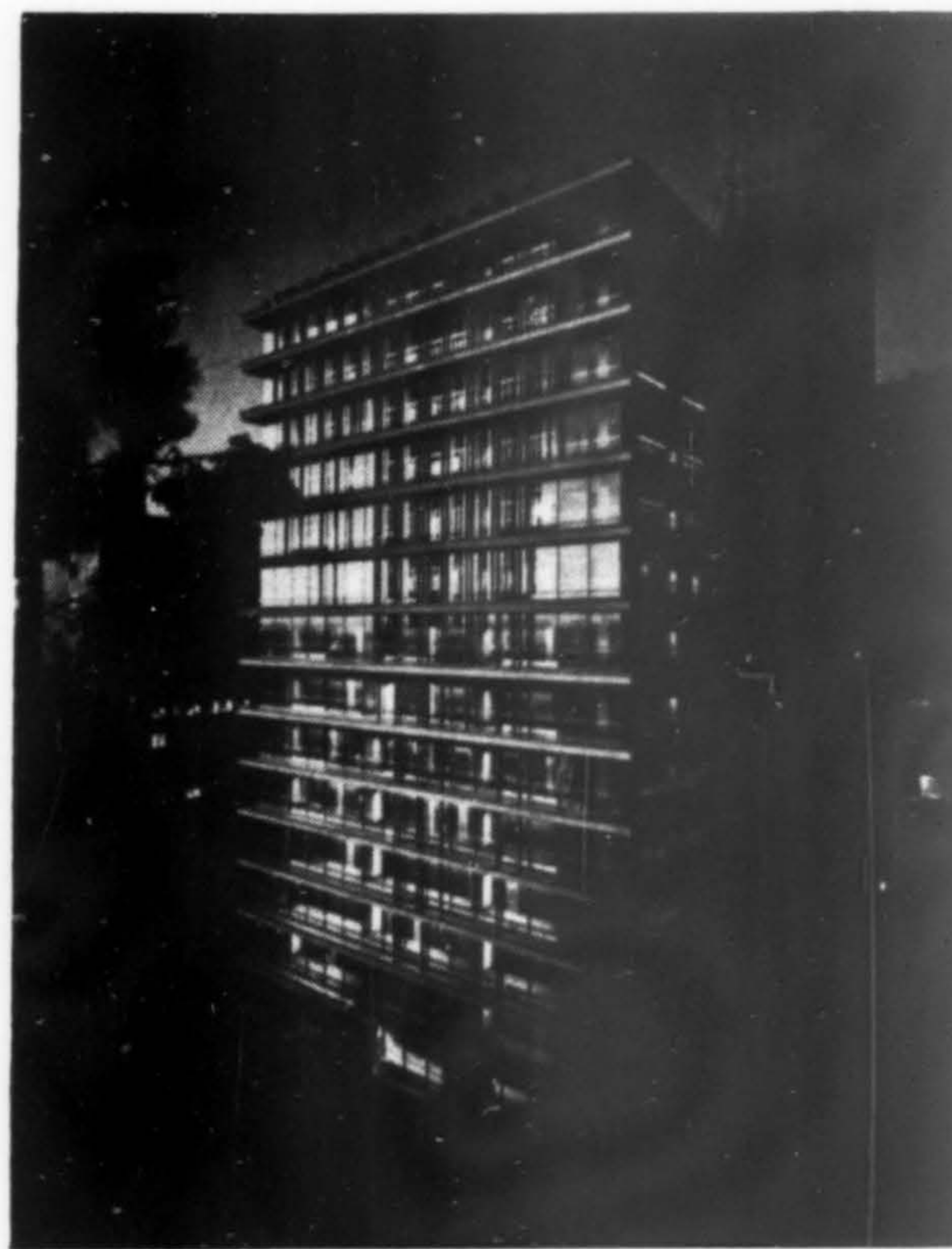
AISC annual awards program honors four Western projects



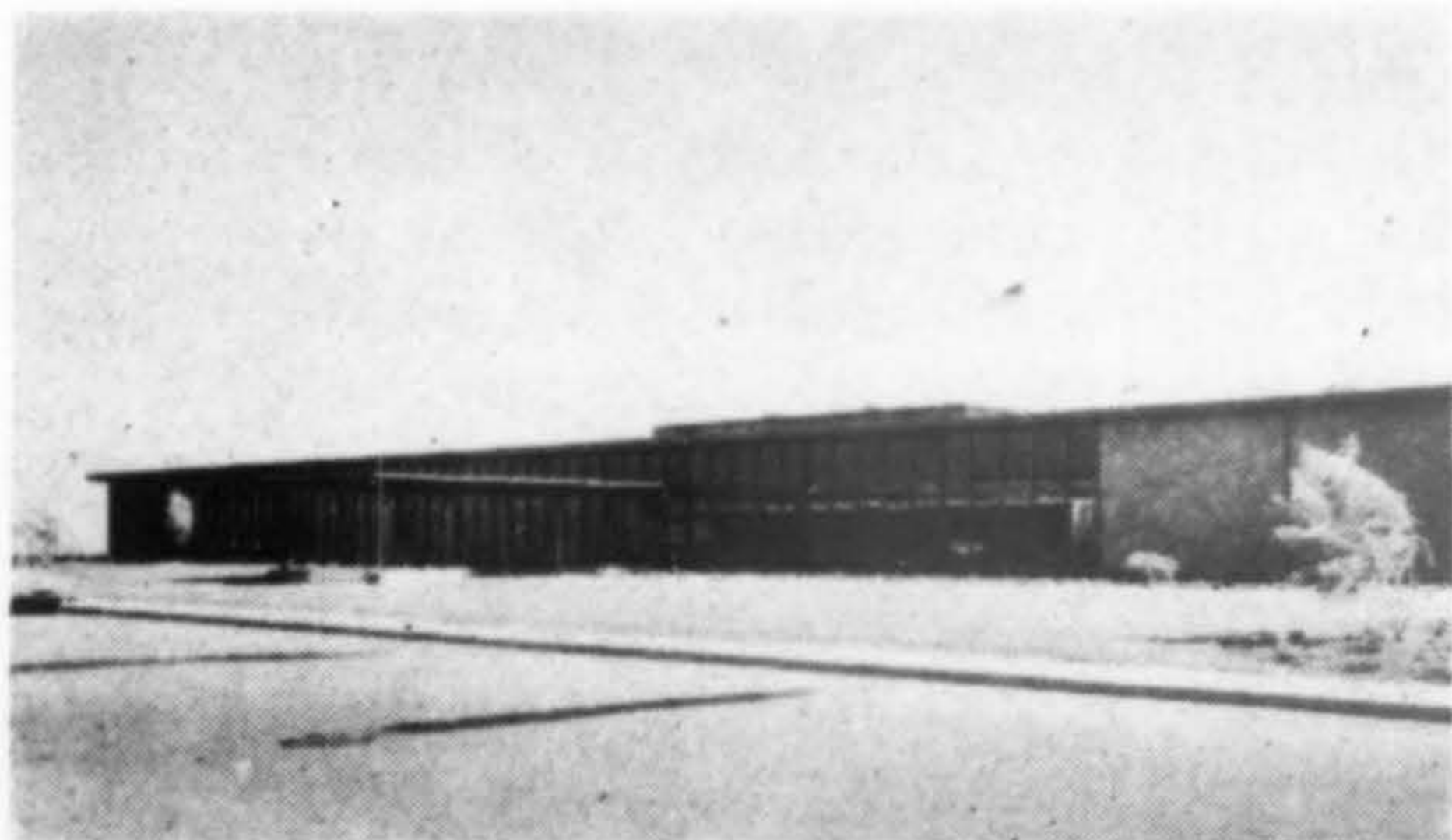
OFFICE BUILDING, Esco Corporation, Portland, Oregon. Wolff-Zimmer-Gunsul-Frasca, architects; Cooper & Rose & Associates, structural engineer; Henry M. Mason Company, contractor; Fought & Co., Inc., steel fabricator.



AUDITORIUM-GYMNASIUM, Colorado State University, Fort Collins, Colorado. Bunts & Kelsey, architects; John E. Bunts, structural engineer; F. R. Orr Construction Co., Inc., contractor; Gate City Steel, steel fabricator.



HEALTH SCIENCES INSTRUCTION & RESEARCH building, University of California, San Francisco Medical Center. Reid, Rockwell, Banwell & Tarics, architects-engineers; Dinwiddie Construction Co., contractor; Bethlehem Steel Co., steel fabricator.



PARTS DEPOT, Ford Motor Company, Richmond, California. Volkmann & Stockwell, architect; J. H. Pomeroy Co., structural engineer; Haas & Haynie, contractor; R. C. Mahon Co., steel fabricator.

*Where the architects
hang their hats . . .*

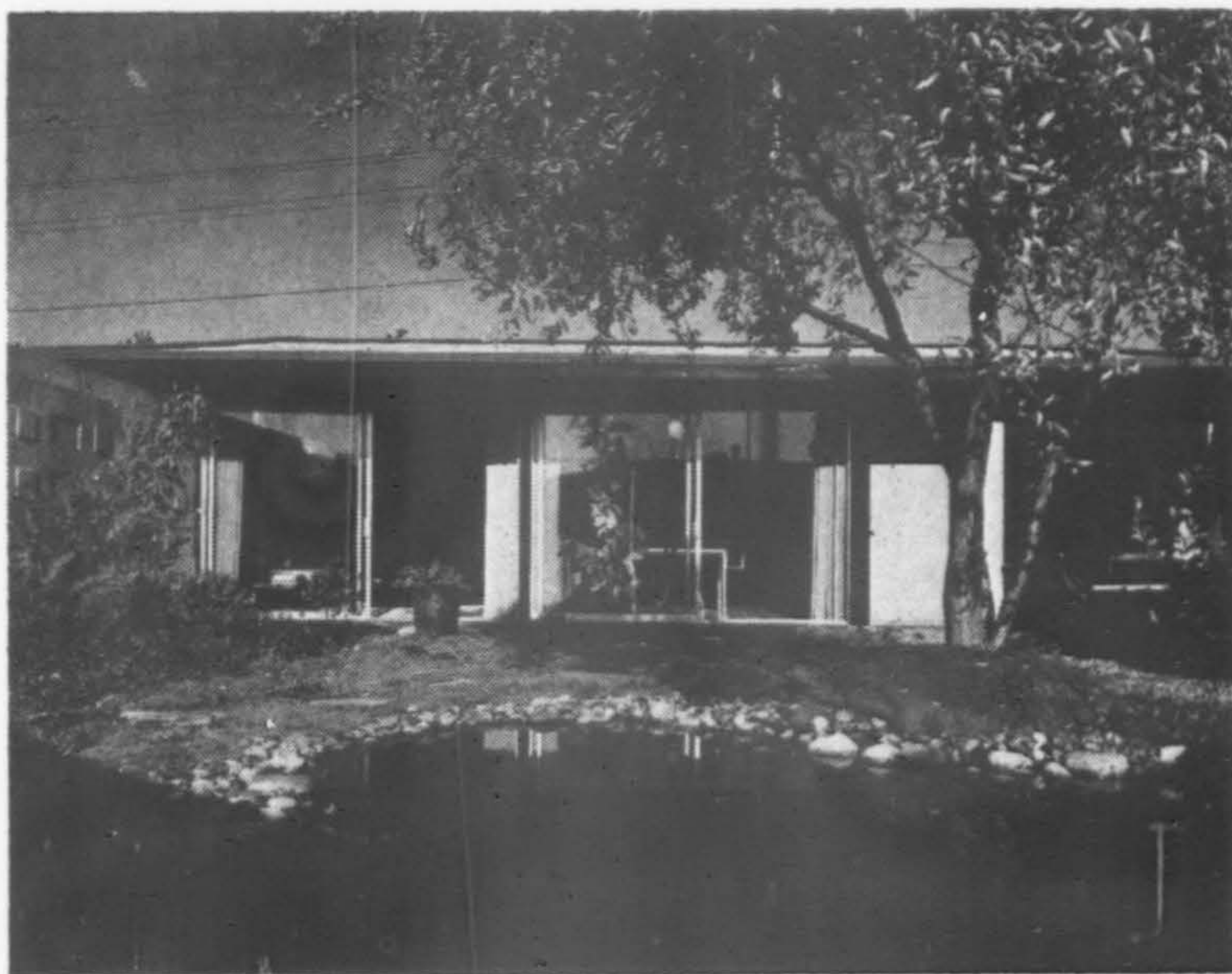
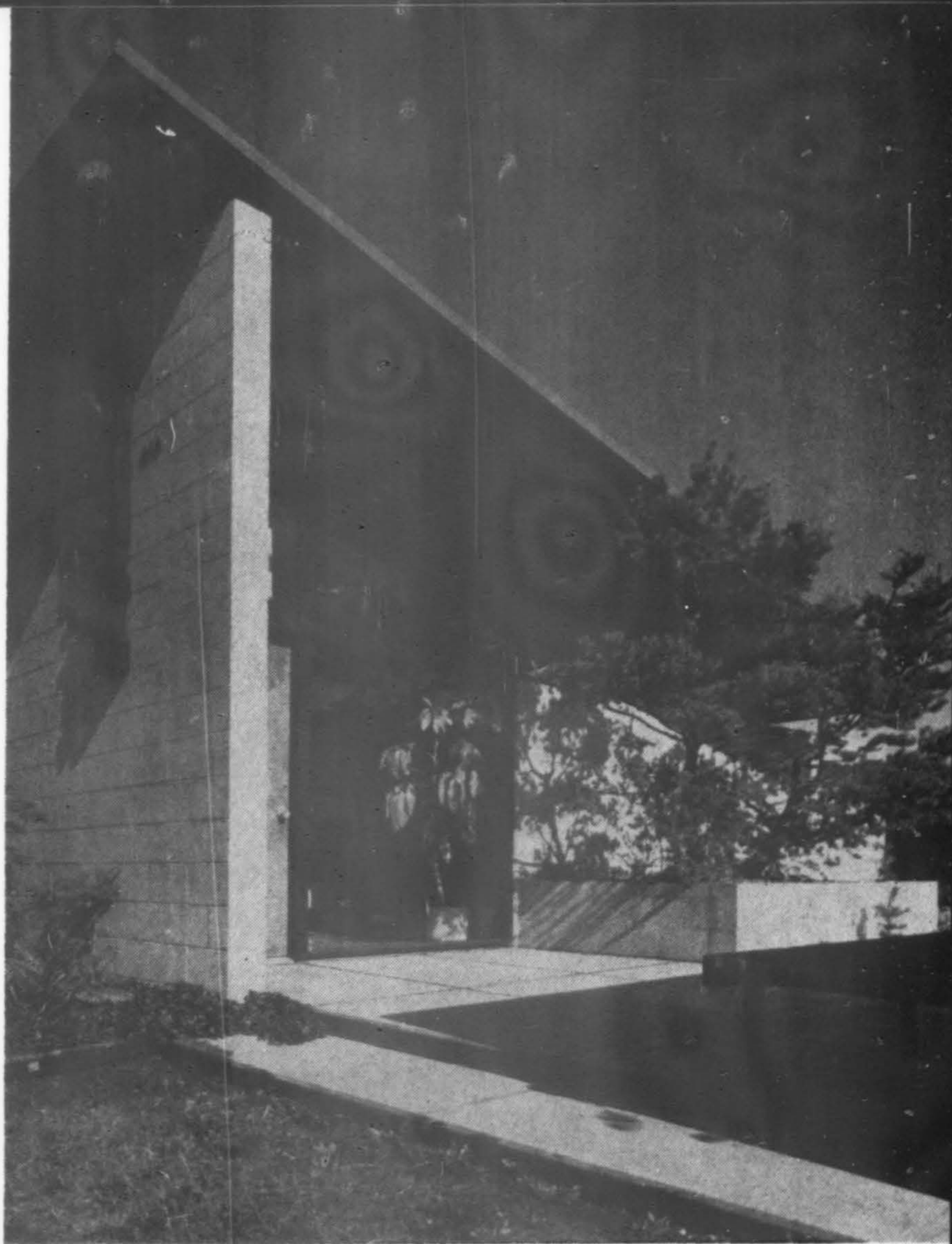
SETH McCALLEN FULCHER, AIA
Seattle, Washington



ESTABLISHED 14 years ago, this one-man office is situated on a triangular lot between two streets at the edge of a busy neighborhood shopping center. The angles of the site are reflected in the roof treatment of the building and in the adjacent garden.

The building is constructed of insulated concrete block with a laminated cedar deck roof. Prussian blue stained trim is repeated in the cedar fencing of the screened garden which provides an oasis of privacy and greenery. The 640 sq. ft. of floor space accommodates a reception area, conference, drafting and kitchenette. Clerestory windows to the north provide natural light in the drafting area and sliding doors to the south open into the small garden.

Seth Fulcher is a graduate of the University of Washington. Work is varied ranging from residences to church facilities.



Vern Green photos



Architects and Engineers: Engineering Div., Port of Los Angeles.

Gen. Contractors: C & I Construction Co., Inc.; Argo Construction Co.

Glass and metal: Olson Glass Company; Fentron, Inc.

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SASAKI, DAWSON, DeMAY
ASSOCIATES, Inc.
Site Planning, Landscape Architects

EDWARD R. BIERBACK
Structural Engineer

FRANCIS E. STARK
Mechanical Engineer

SWANSON, RINK & ASSOCIATES
Electrical Engineers



THE ARCHITECTS' STATEMENT:

THE BASIC concept of this project as arrived at by the design team, architect, design consultant and site planner, was to create a closely knit complex of buildings that would lend environmental identity to the occupants, the married students and their young children, and to that of the university. By the arrangement and the masses of the various buildings, a variety of spaces were created to lend the element of surprise, variety and intimacy as one walks through the complex.

All one bedroom units were combined in the highrise unit. It was the intent that no married student with children would be housed in this building. Those students with children would be housed in low-rise buildings closer to the ground, thus permitting easier access for the children to the adjoining spaces and play areas.

At the center of the complex is located a kiosk that serves for mailboxes, bulletin boards and a general community meeting place.

The structural system employed in these buildings is that of reinforced concrete frame, flat plate construction. Tile roofs were employed so as to relate to the university standards. The architects worked with brick manufacturers to develop a hard burnt brick that would resemble the qualities of a handmade brick and the colors of the local Lyons sandstone. Prime concern in material selection was that of durability and low maintenance.

There are 80 two-bedroom, 50 one-bedroom apartments in the complex. Cost per apartment was approximately \$11,492, including site work.



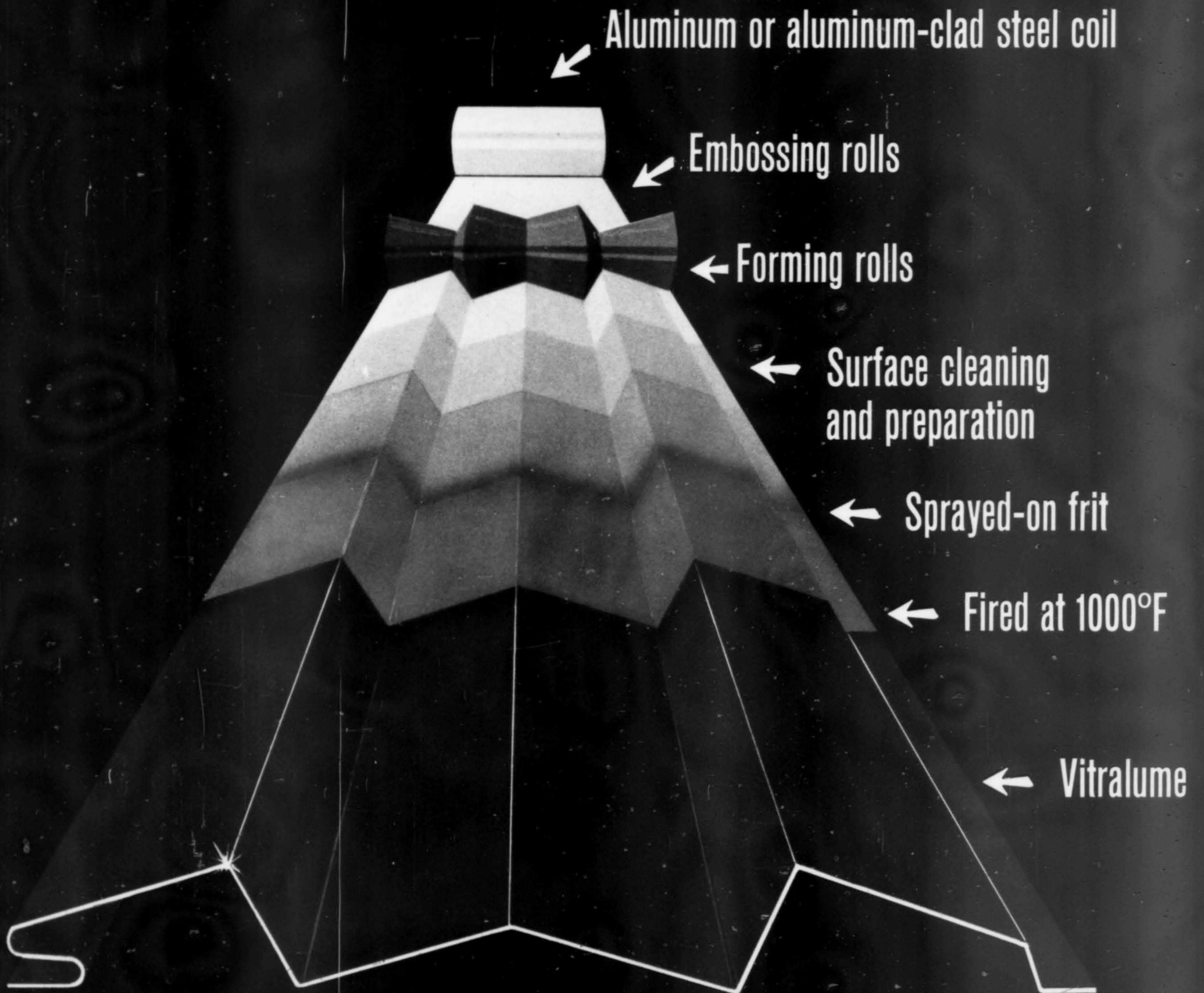
Rush McCoy photos





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Chinese Porcelain Vase
Ming Dynasty, circa 500 A.D.
Courtesy Carnegie Institute, Pittsburgh



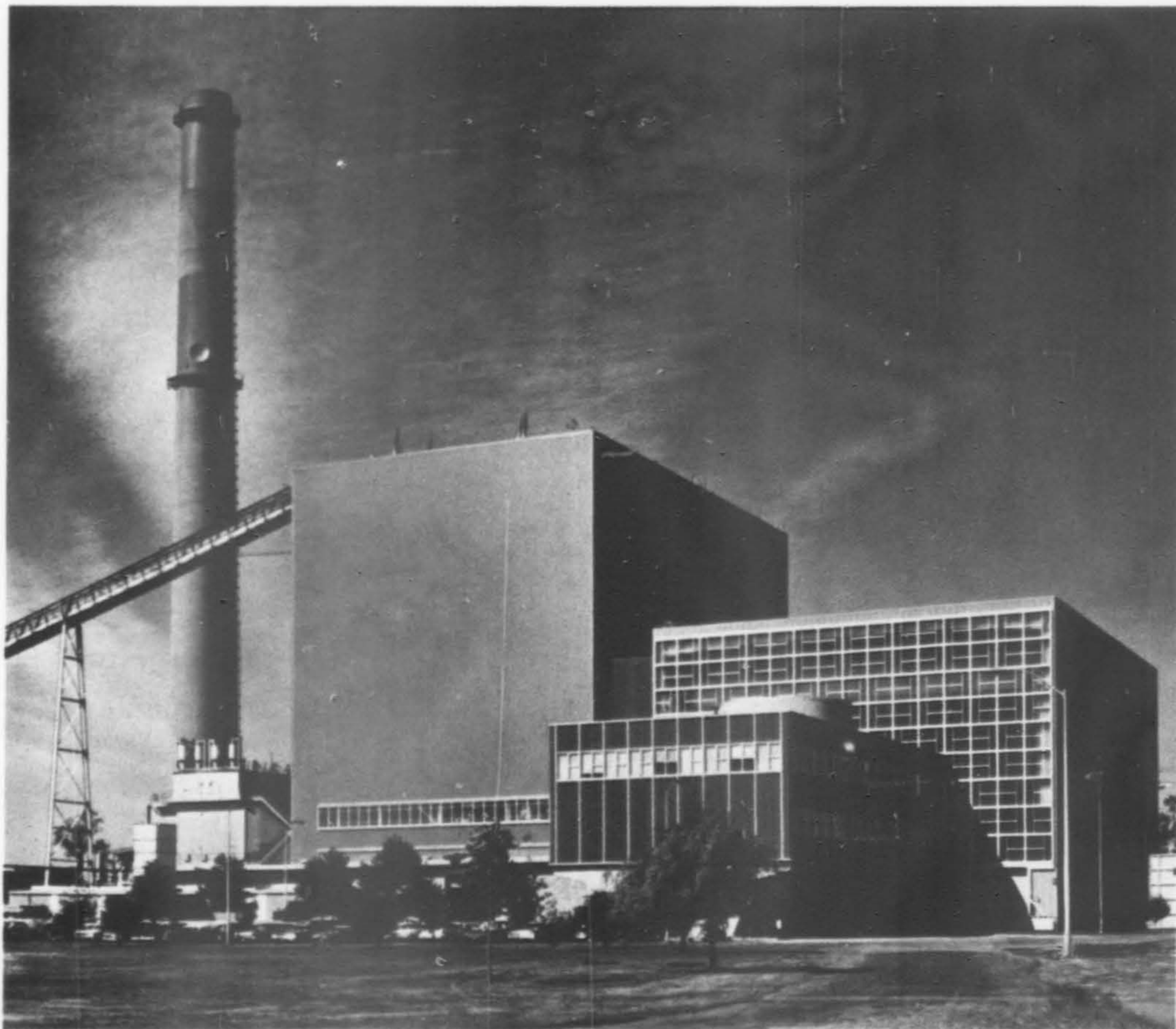
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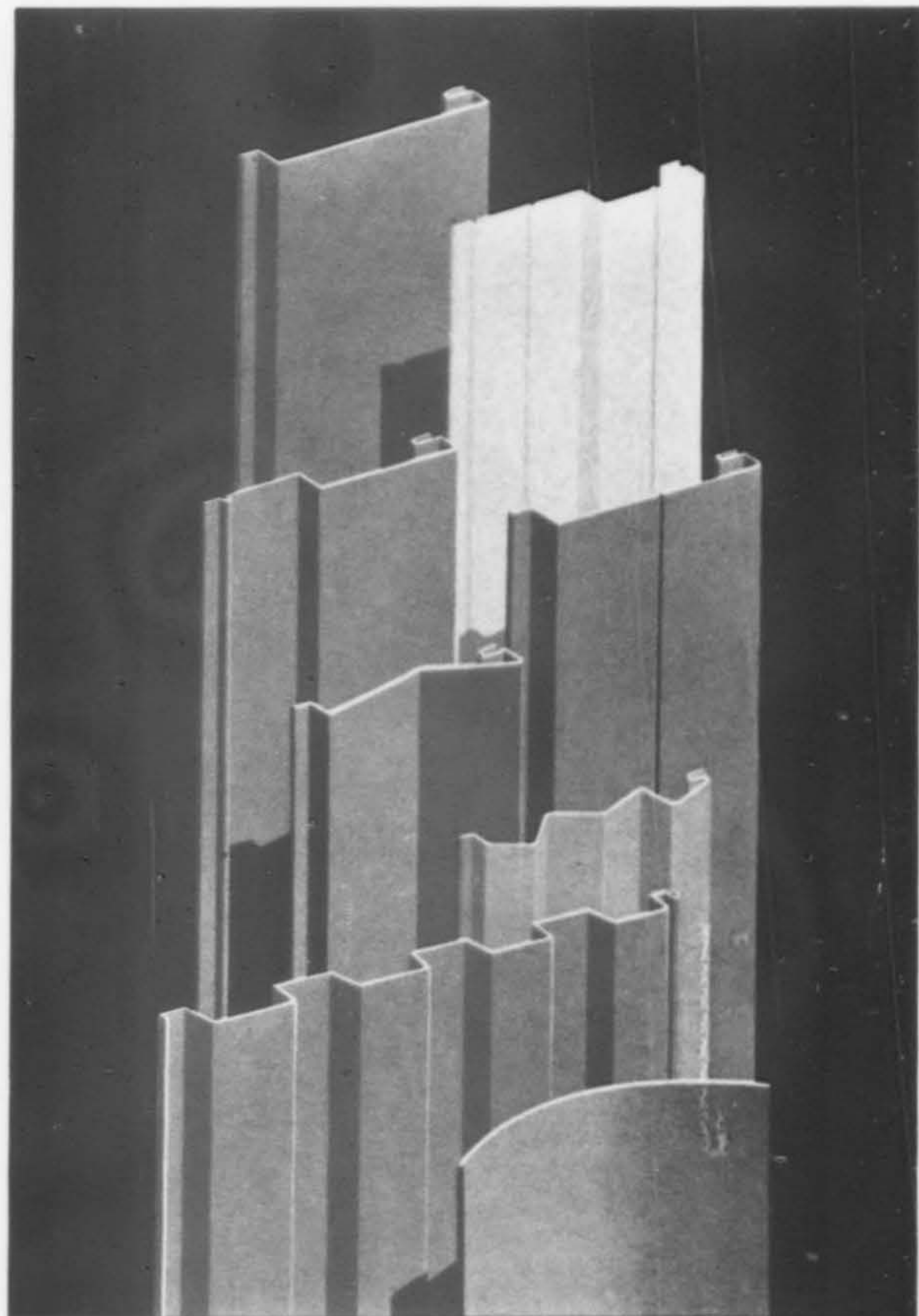
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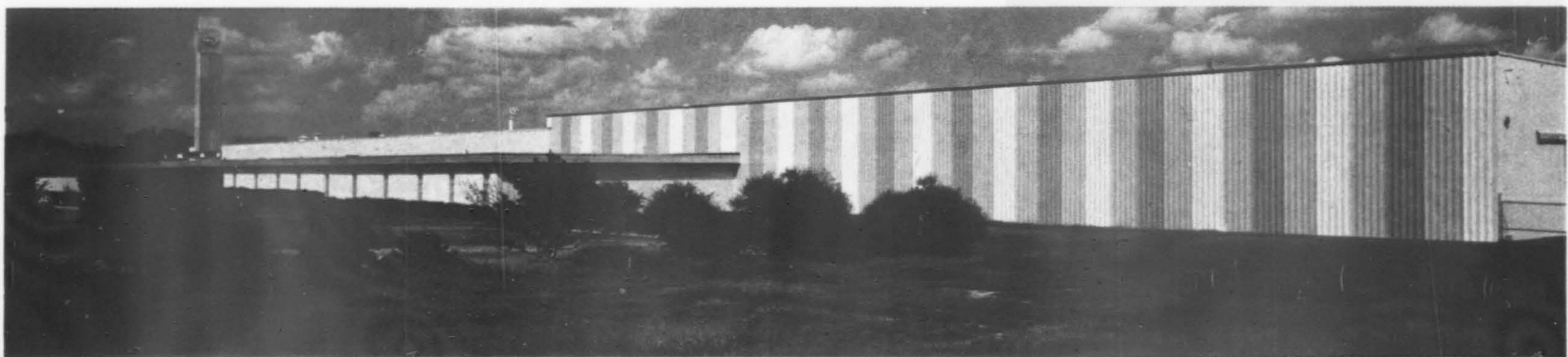
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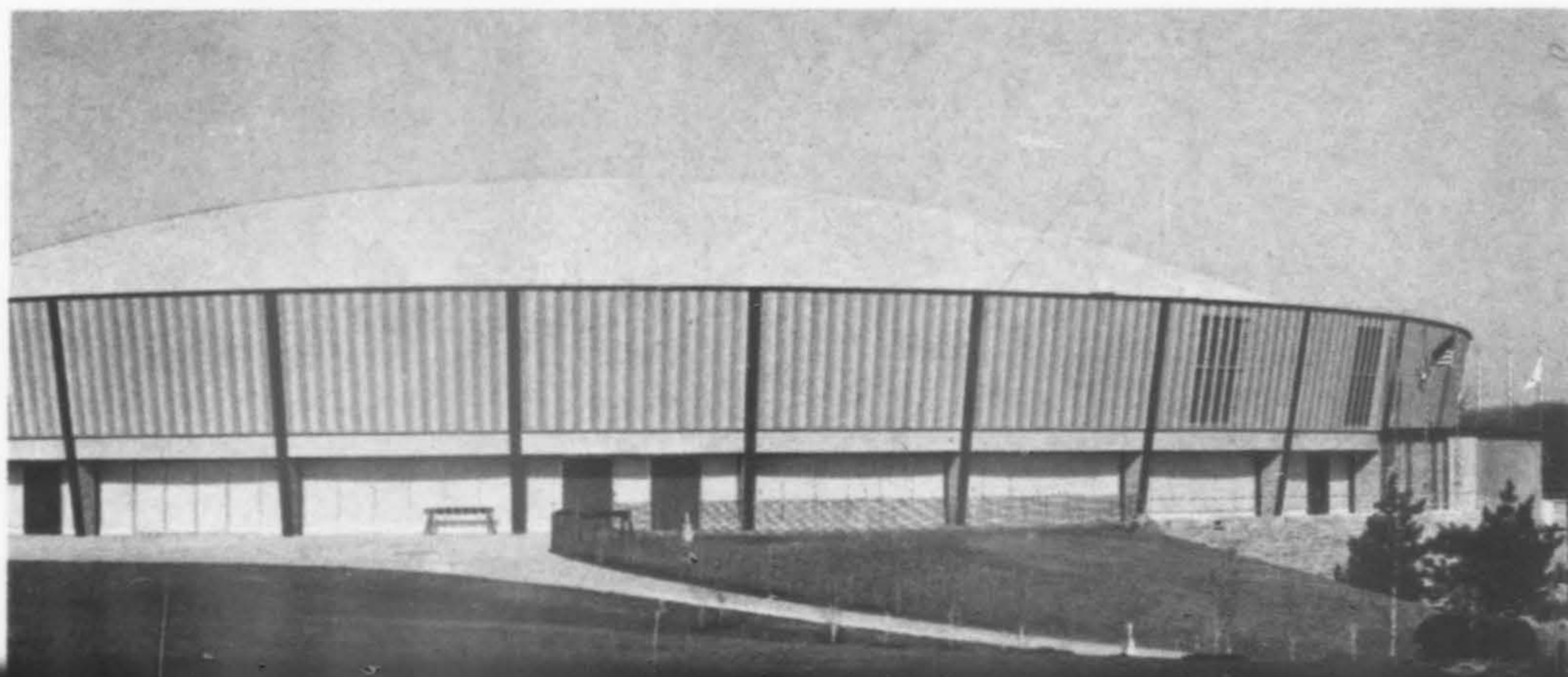


Time-tested Robertson Vitralume is available as a finish on all Q-Panels shown above. All profiles are offered as uninsulated facings or as components of insulated panels.



ABOVE—MENASCO MANUFACTURING CO., Euless, Texas; Wyatt C. Hedrick, Architect; Cadenhead Construction Co., Contractor.

BELOW—THE PHYSICAL EDUCATION AND MILITARY TRAINING BUILDING at Southern Illinois University, Carbondale, Ill.; The Perkins & Will Partnership, Architects; M. H. Wolf & Co., Contractor.



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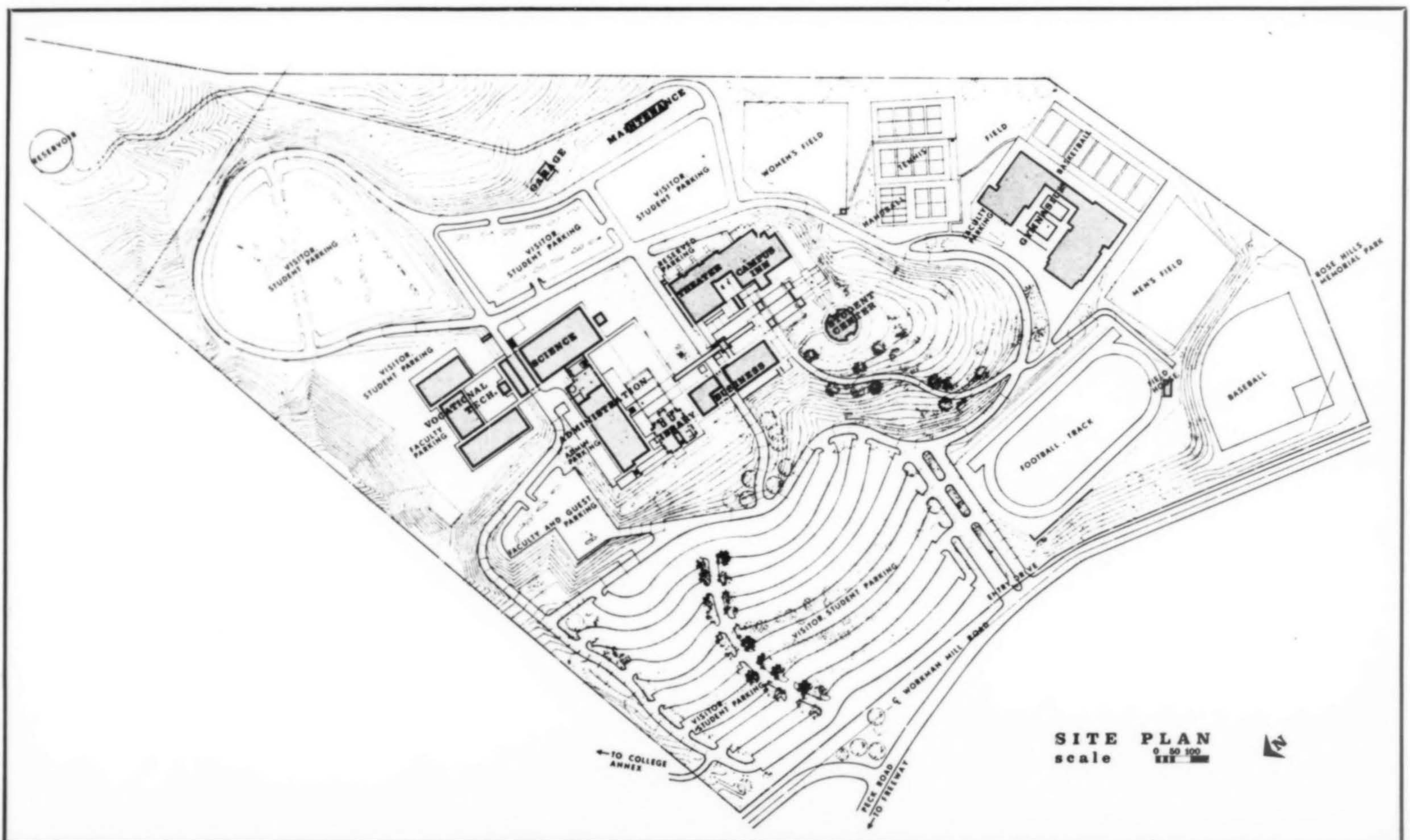


Two college buildings compatible with site

LIBRARY and SCIENCE-ADMINISTRATION BUILDING
Rio Hondo Junior College
Whittier, California

POWELL, MORGRIDGE, RICHARDS & COGLAN
Architects

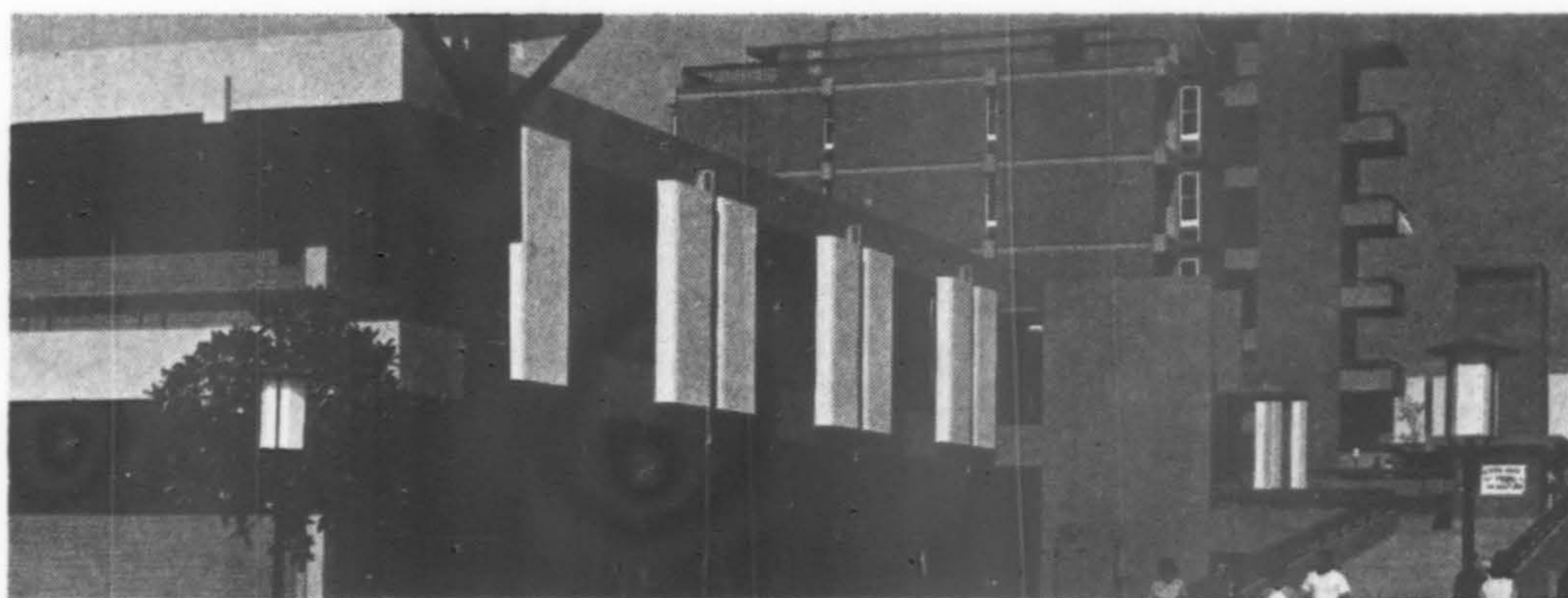
KEMP BROTHERS
Contractor



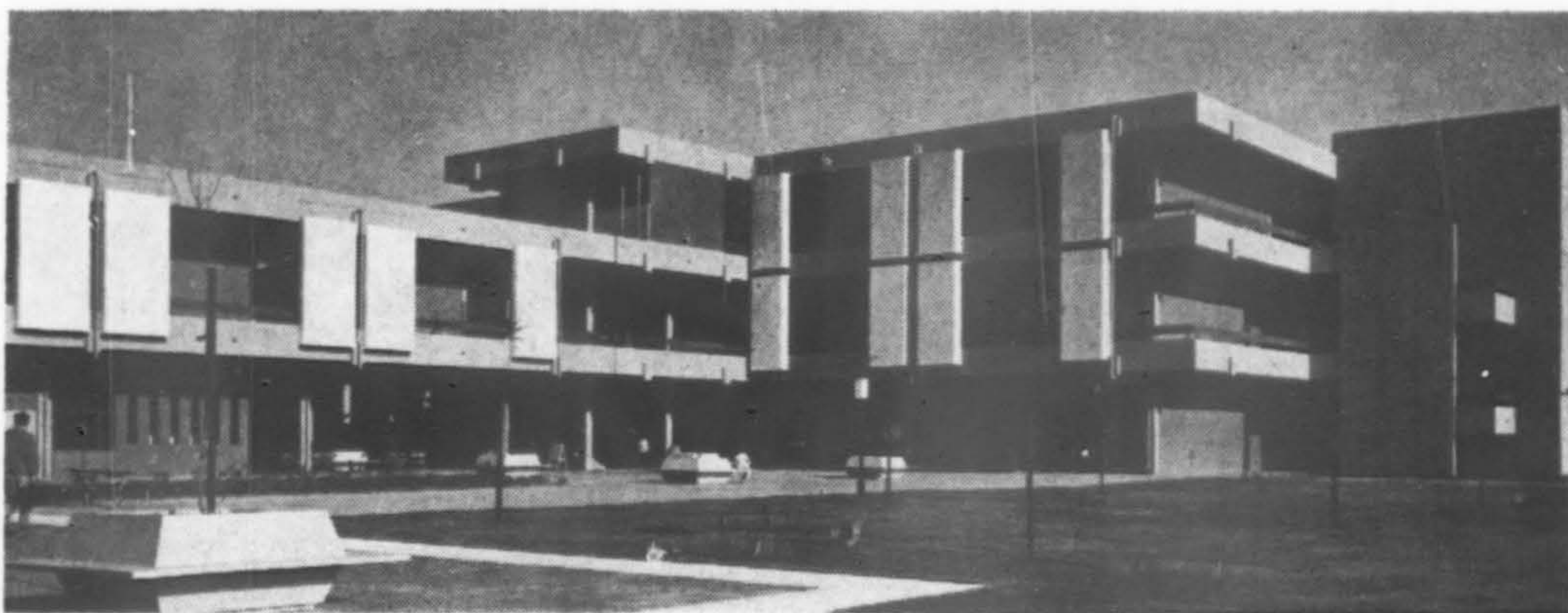
THE SITE, a hilly one, was the most important factor in the design of all buildings at Rio Hondo Junior College. Contoured to the site, they are closely related to the existing grade and to each other by ramps and staircases. Pedestrian and vehicular traffic is completely separated by bridging and underpasses.

The Southern California climate was influential in the building design: large overhangs provide covered walkways for the students. Buildings are reinforced concrete, poured-in-place, with concrete columns and beams. Interior walls are steel stud with plaster. Movable partitions, plastered, are in both the library and science-administration building. Ceilings are integrated "T" beams.

The ten buildings on campus were completed at a project cost of \$15,544,201.91, including courts, walks, on-site building utilities, land, equipment and fees. Total building square footage: 483,000.

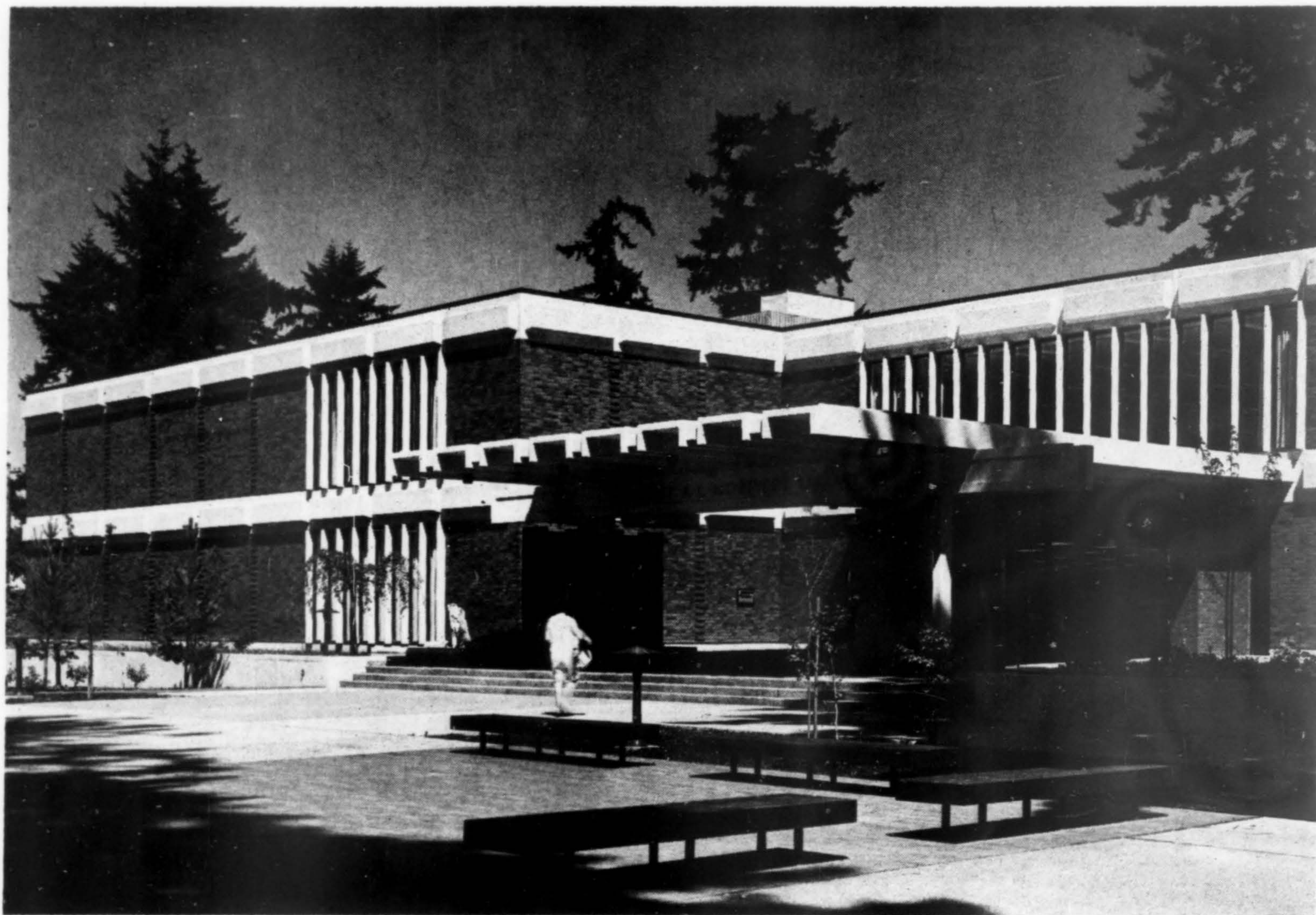


Larry Frost photos unless otherwise noted



Preston E. Mitchell photo





Library for now - and for the future

ROBERT A. L. MORTVEDT LIBRARY
Pacific Lutheran University, Tacoma, Washington

BINDON & WRIGHT, Architects
John L. Wright, Partner-in-charge
George A. Hartman, Design Architect
Clark Teegarden, Project Architect
Paul Thienes, Interiors

THREE FACTORS were dominant in the design solution of the Mortvedt library: the retention of the towering Douglas firs on campus, the integration of the building with existing structures, and the successful resolution of the building as a two-story structure now, a three-story building ten years hence.

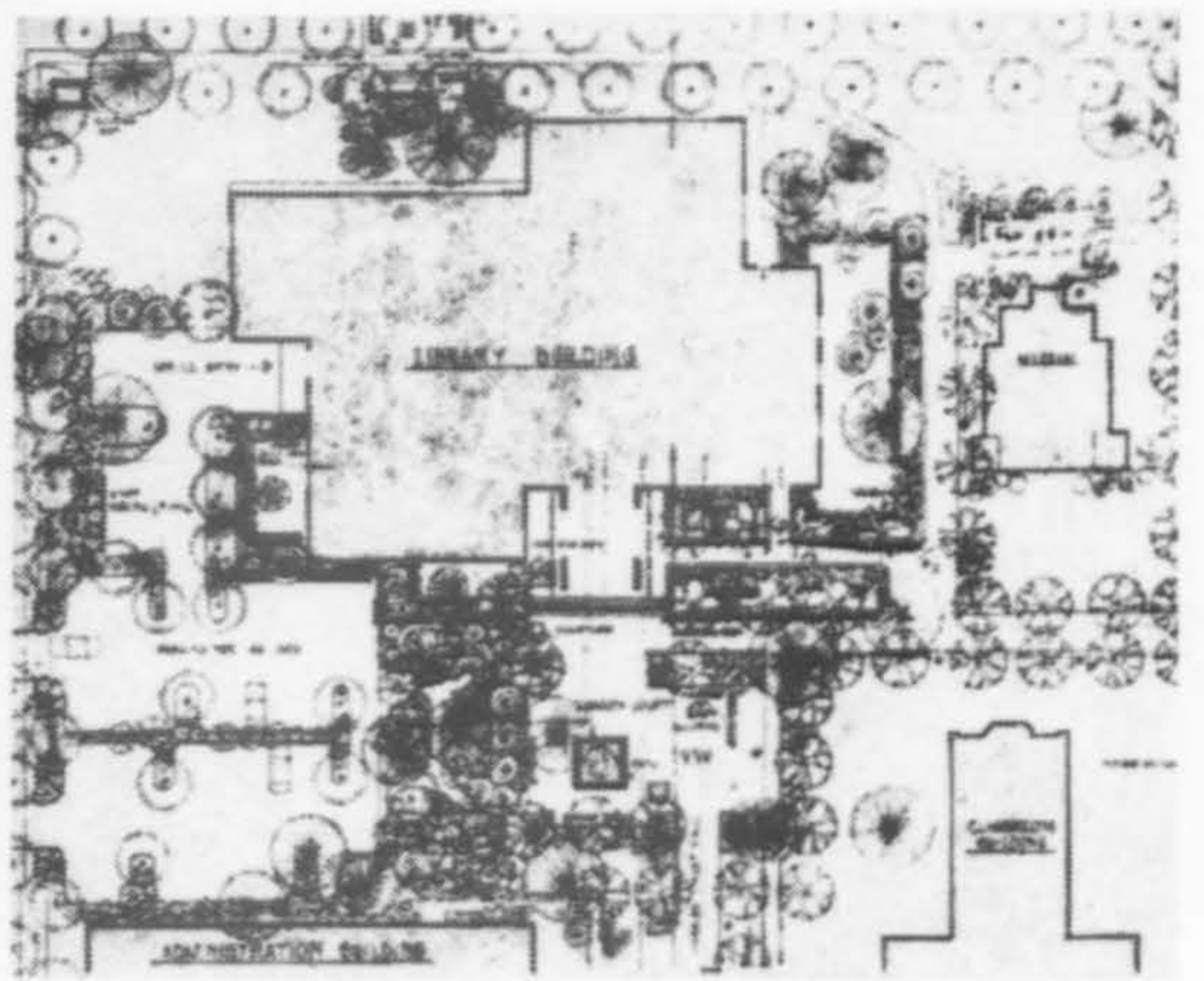
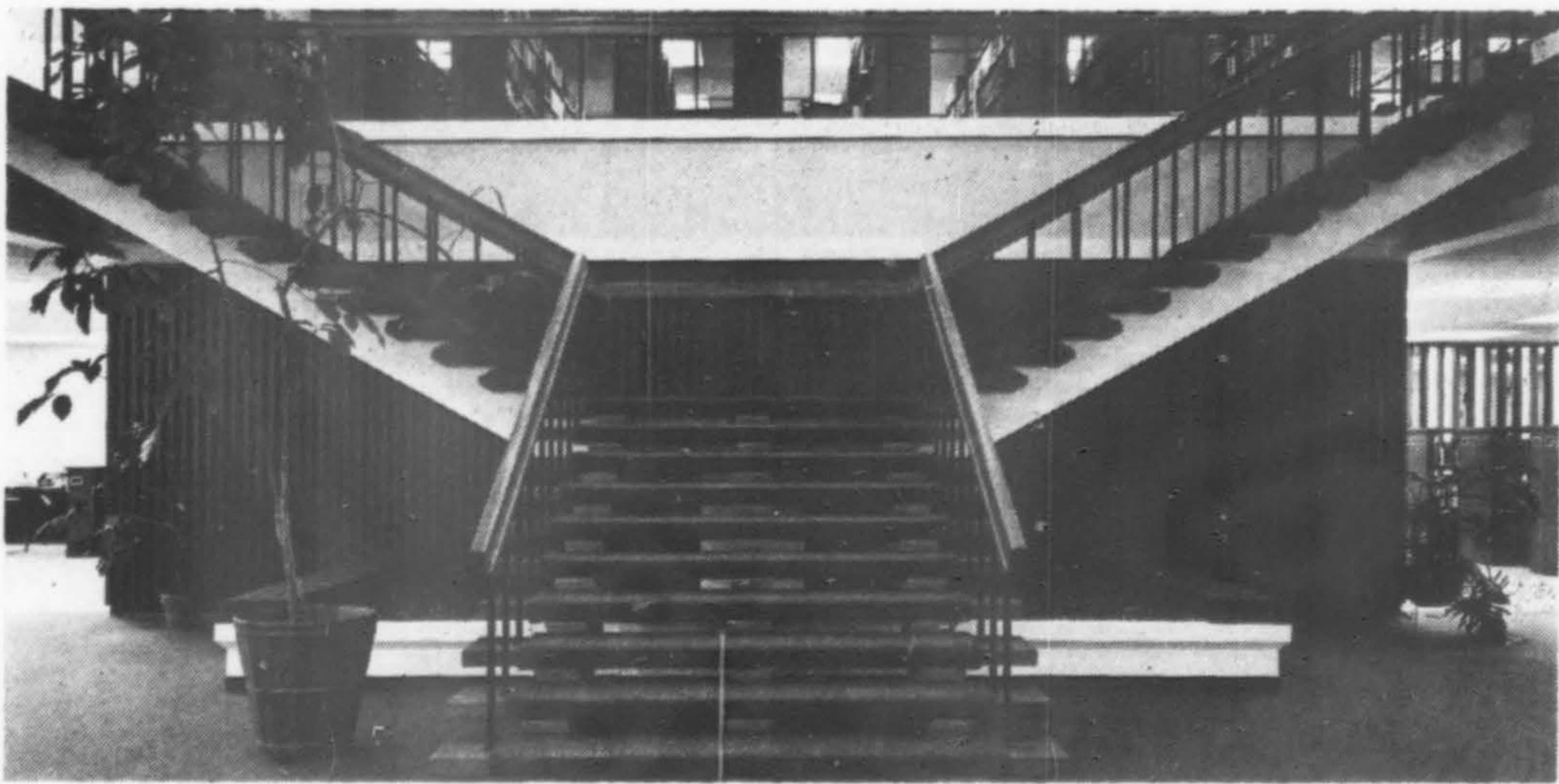
Oriented inward to the campus, the library is a focal point on the walking mall. The site, in the northeast corner of the campus, opened into a street which was vacated to provide the open plaza. Building is of reinforced concrete con-

struction with brick and mosaic veneer on exterior walls, relating to older campus structures. (The college celebrated its 75th anniversary in 1966.) Partitions are concrete block and frame with sheet vinyl covering. The air-conditioned building utilizes the "heat of light" principle.

Offices and work spaces are arranged around the circumference of the building. By using book stacks as dividers, the large areas are reduced to small rooms. Semi-private work stations are achieved by carrel design. The transition be-

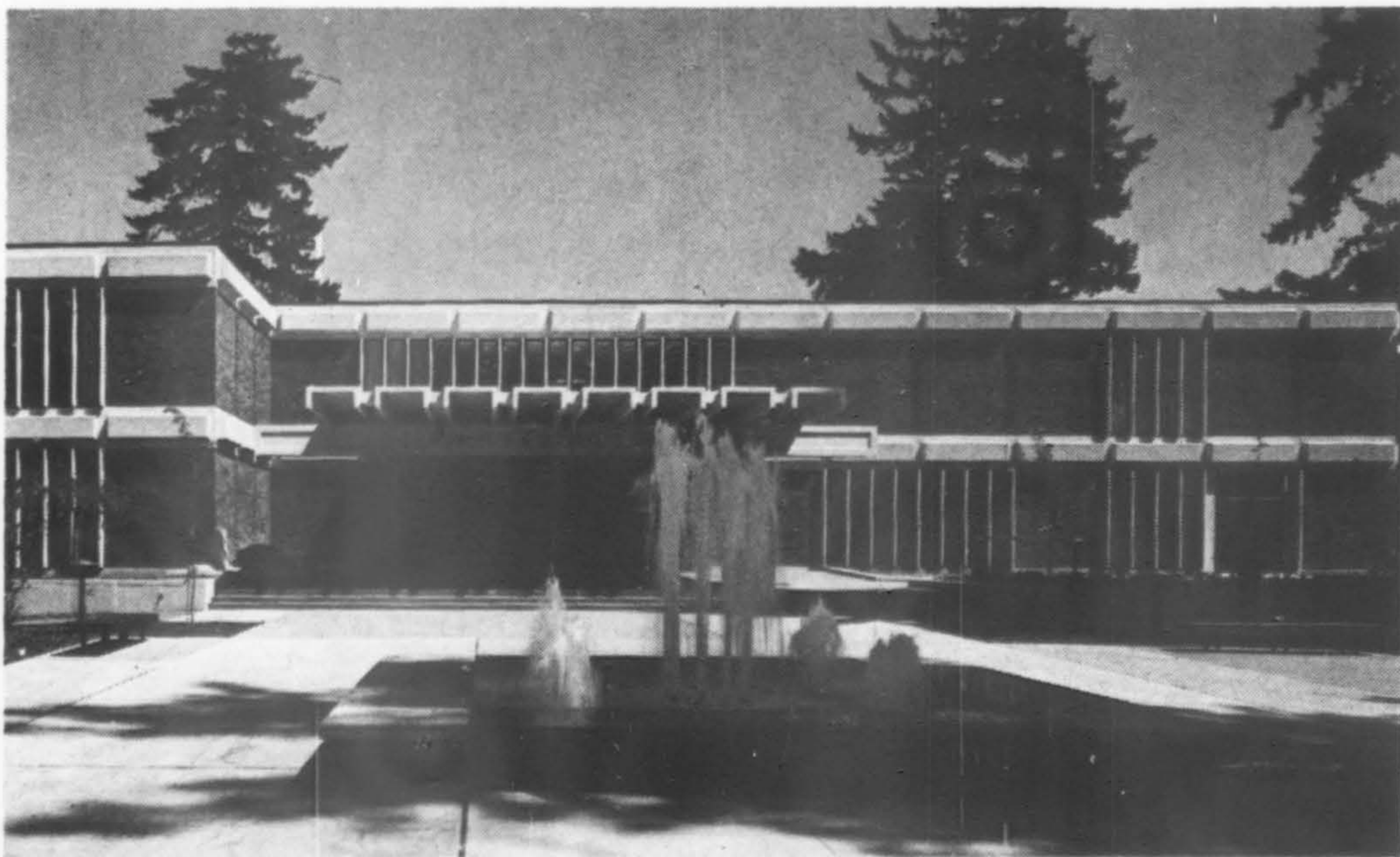
tween the two main levels is made by an inviting open stairway. An art gallery is located on the second floor. The design anticipates a future computer center as well. A single core embraces the stairs, elevator and plumbing.

The two main levels provide approximately 25,500 sq. ft. each. Cost of the library, with fees, was \$1,715,000, all raised from individuals (including the faculty), firms, foundations and organizations with the exception of a \$571,786 grant allowed under the Higher Education Facilities Act.



Hugh N. Stratford photos

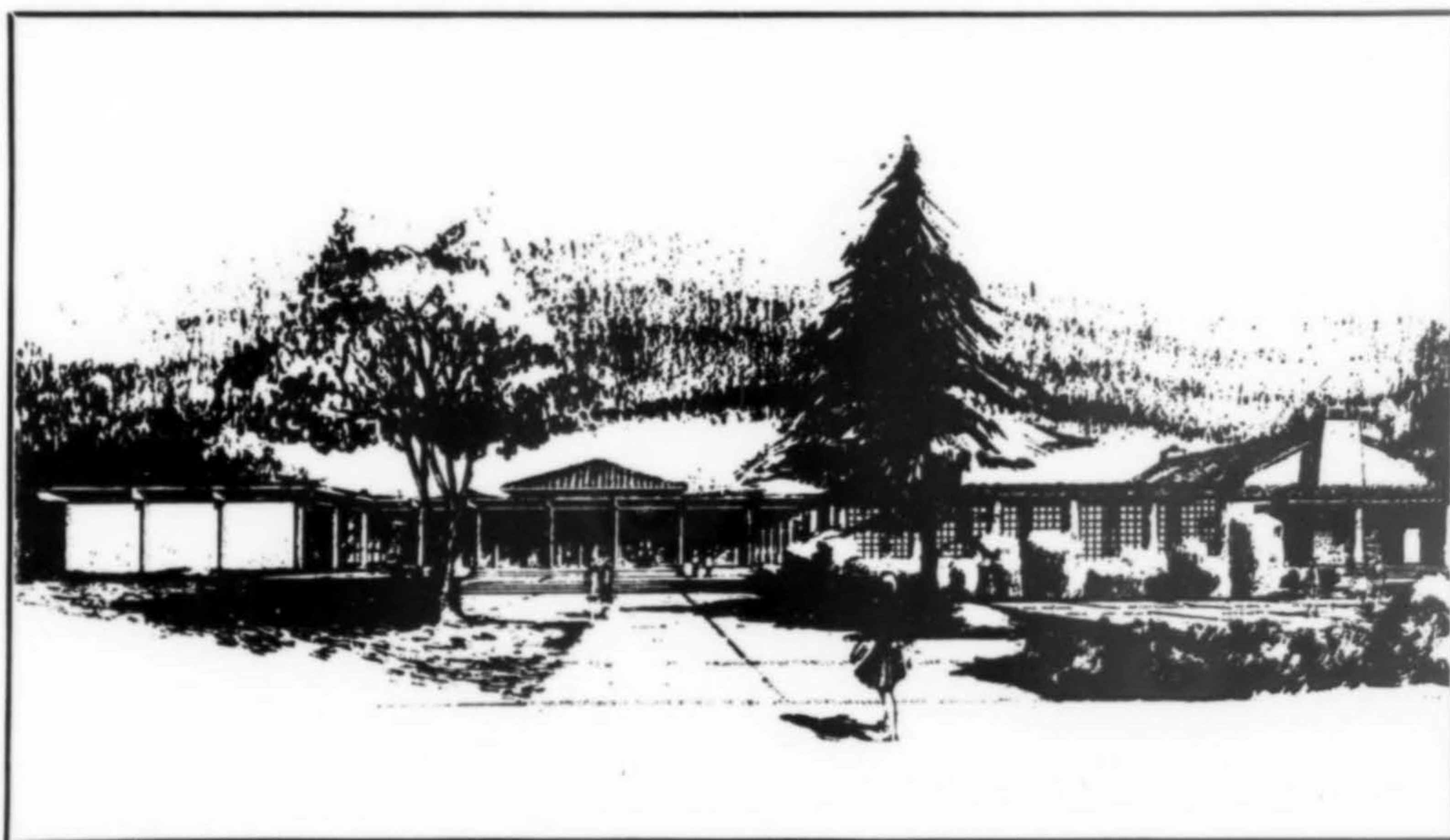
ABSHER CONSTRUCTION COMPANY, Contractor
ANDERSEN-BJORNSTAD-KANE, Structural Engineers
MAY & TRIOL, Mechanical Engineers
BEVERLY A. TRAVIS & ASSOCIATES, Electrical Engineers
RICHARD HAAG ASSOCIATES, Landscape Architect
PEASE & SONS, INC., Mechanical Contractor
TOTEM ELECTRIC, INC., Electrical Contractor



College roundup: the face of the Western campus

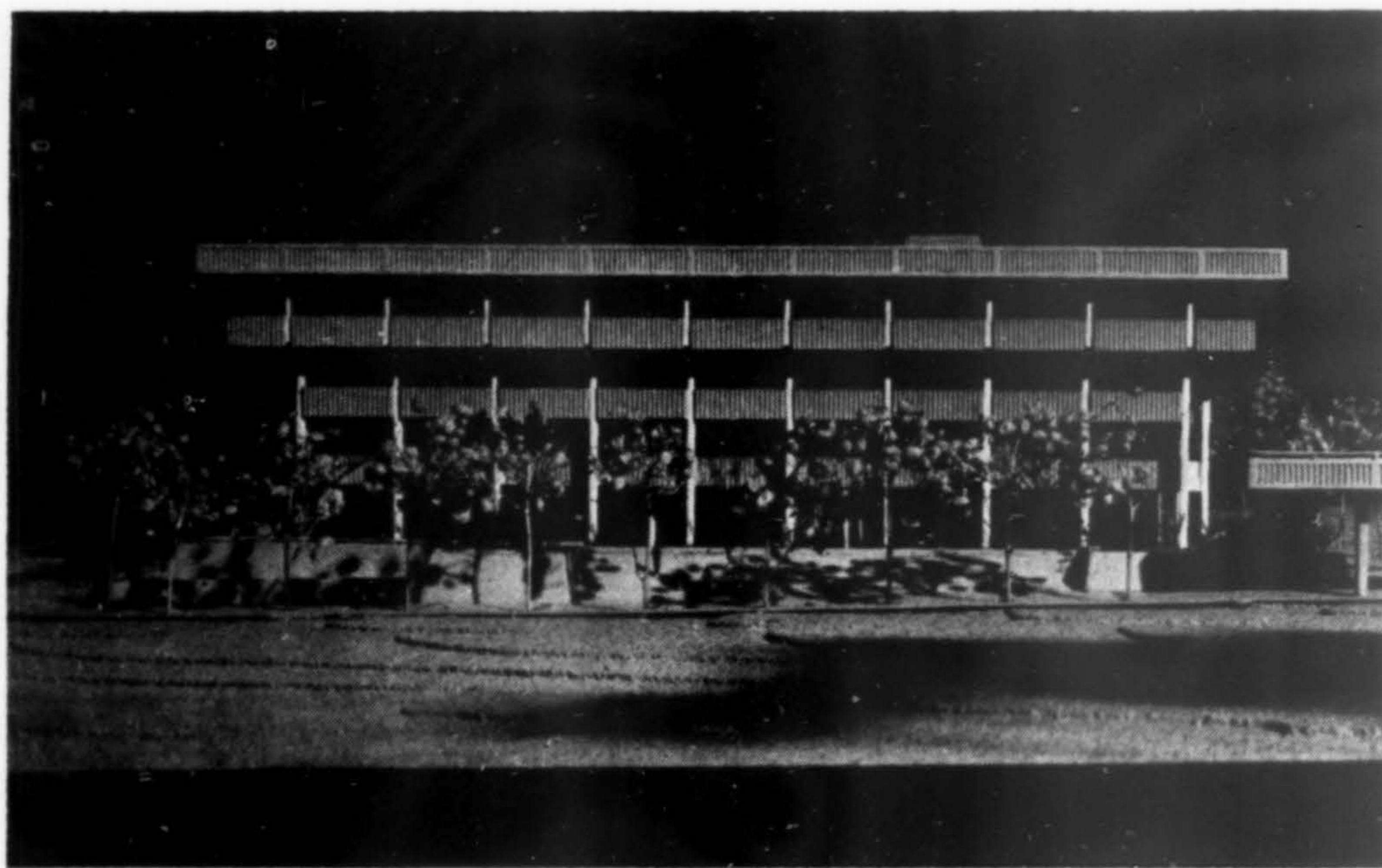
VIRGINIA and Easton Rothwell Center at Mills College, Oakland, will integrate major construction additions with the existing Student Union. Facilities will include dining areas, a faculty lounge; bookstore, office, lounge and study areas for graduate students and remodeling of the existing Student Union for lounge and recreational spaces and offices. The architectural style relates to that of the present Union, characterized by use of concrete columns on a regular module, several layers of wood beams supporting a flat roof, and pyramidal roofs where appropriate, surfaced with mission tile.

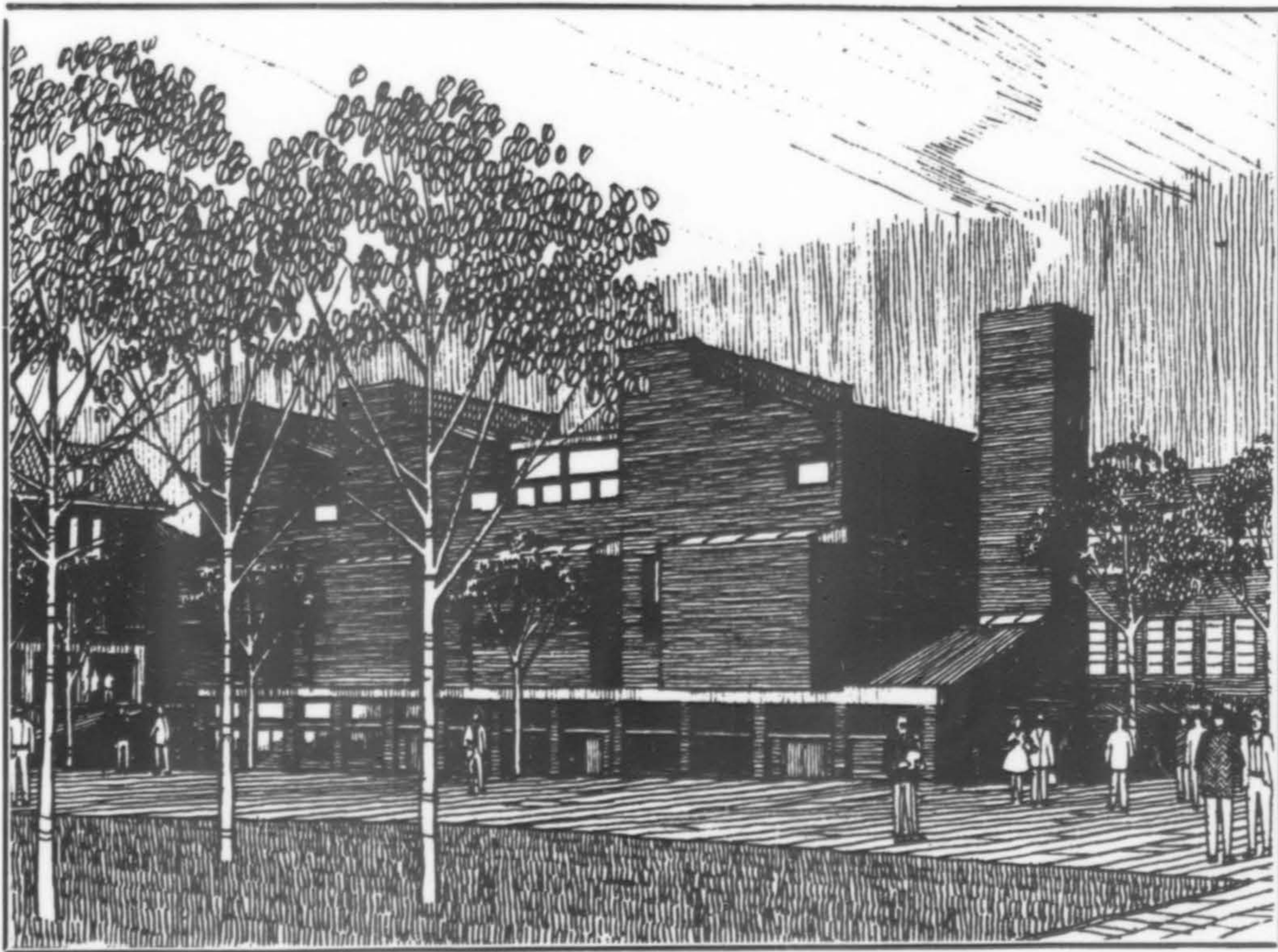
Architects are Chan/Rader & Associates.



THE STUDENT SERVICES Building at the University of Washington is outside campus bounds but as the Campus Parkway entrance is developed, will become closely connected. The building will house administrative functions of the University directly involving the student (registration, admissions, counseling, student housing, employment, scholarships and loans, etc.). The gross area requirements of the building of approximately 80,000 sq. ft. above grade are accommodated on a site of about 35,000 sq. ft. area. Building space has been divided into four floor levels, each level projecting beyond the next below by some 5-ft.

Architect: Waldron & Associates. Consultants: *structural*, Olsen & Ratti; *electrical*, Beverly A. Travis; *mechanical*, Kane & Ervin.





CONSTRUCTION is proceeding on an addition to the Arts Building at Western Washington State College, Bellingham. Facilities will be provided for studios for ceramics, sculpture, and drawing on three floors, including ceramic kilns and a metal foundry. The 14,000-sq. ft. of space will be equally divided between a full basement open to grade at one side, and two floors. Structure is load-bearing brick, concrete floor slabs and wood frame roof.

The addition to the Arts Building is in a focal position; it sits astride the circulation link between the newly-developing Campus Quadrangle, fulcrum of the older campus, and the proposed lower campus site, now in planning stage. (Campus planning consultant for the college: George Bartholick.)

Architects are A. O. Bumgardner AIA & Partners.



THE 1963 budget at the University of Utah set up construction plans for 17 new buildings (or additions to existing buildings) with campus consolidation in mind and at the same time allowing for growth. No one of the major academic buildings was to be more than 7 1/2 minutes maximum walking distance from the proposed library. The Behavioral Science and Social Work building, shown here, is part of the library complex. This building will set at the back of a landscaped circulation plaza, flanked one side by the Library (Lorenzo S. Young & Partners) and on the other by the Fine Arts Building (Edwards & Daniels).

Construction on the Behavioral Science project is expected to start in January 1968. Architect: Panushka & Peterson.

I ask whether the new campuses we popularly call urban

--are urban in fact . . .

Density, I would think, is a subordinate quality . . .

We cannot create freedom by physical planning . . .

BY WHAT is campus planning guided; what does it subserve? The official answer and the real answer seem to have little in common. If we cared to bring them closer together, how would we go about it?

I think we would have to start by recognizing that the physical system of a university is subservient to other systems. To the education system and its aims. *And to the political system*—to the organizational arrangements by which the institution attempts to make its kind of education possible. Too often, in physical planning, we give lip service to the educational enterprise, and ignore entirely the political system which, far more profoundly than the circulation system, will shape the university's life.

If the opportunities provided by the institution's educational program, and the allegiances evoked by its political structure are not conducive to inter-disciplinary learning, physical planning cannot bring it about. If on the other hand they *are* conducive to such learning, our physical plans, if they are to be valid, *had better be guided by the intent and structure of the educational and political system*. It is for this reason, and for others that work in the same way, that Santa Cruz has colleges—not because colleges are cute, or British, or of the right density. The college at Santa Cruz is first an educational system shaped by some educational aims. What undergirds it is an unusual system of opportunities and allegiances. Though it has one, it does not need, a physical form.****

Let me make two qualifications here: One is that I have been speaking only about university *physical* planning. The other is that in *academic* planning we are guilty of similar pretension.

Physical systems, I am sure, do not always have the subservient role I've suggested here. Outside the university, the situation may be quite different. At one extreme is the deli-

catessen/coffee house I have a hand in running in downtown Santa Cruz. There the physical environment is at least as important as the food or anything else. The impact and the clientele of that institution can be radically altered by minor adjustment of the balance between candlelight and electric wattage. At the other extreme is Fort Ord. You could transform Fort Ord into a planning showpiece, and I doubt it would alter the experience of basic training. Here I come back to the notion of "meaning-givers". In our delicatessen/coffee house, the physical environment is essential—almost more than the coffee, it is what the place is about, what people come for. At Fort Ord, on the other hand, infantry training is so overpoweringly the essence of the institution, and it is so independent of decor, that after arrangements have been made for traffic, and the ranges pointed in the right direction, the physical planner recedes to a very humble role. The university, it seems to me, lies somewhere between—though a little closer to Fort Ord. Physical arrangements are not so essential as they are in the coffee house, but they are relevant enough to the main business of the institution to gain, *by being relevant*, real meaning.

If it is true, as I've suggested, that the physical planner's role in the university is rather subordinate, why have planners become so devoted to university work? Why have they not preferred to work in town? In town, where the idea is to live, and work, and "be," and everything, where life is not dominated by *an activity*, the situation is closer, than it is in the university, to that of the coffee house: It is more susceptible to the influences of physical planning. Yet, as has been pointed out, new university campuses have drawn planning people like flies. I think the reason is that *academic* planners have been often just as vacuous as the more pretentious physical planner. And where there is a vacu-



. . . from a talk by BYRON STOOKEY, DIRECTOR OF ACADEMIC PLANNING, University of California at Santa Cruz, made during the 1966 conference "CONTRASTING CONCEPTS IN CAMPUS PLANNING" held at Portland, Oregon.

um, something comes to fill it.*****

The new-campus planner will often find that his client has only micro-insights and vague generalizations about what *he* is up to. At that point the planner has three choices: He can catch the next bus back to town; he can gleefully set out to produce on the campus an architectural "statement"; or, if he has the necessary wisdom, doggedness and tact, he can undertake, by asking questions, to teach the client to be less vacuous.

Finally, I want to speak briefly about the question of urbanness and non-urbanness. Let us accept the premise that "urbanness" in the university is a virtue. Having done that, I would ask what exactly we mean by urbanness. And which qualities of urbanness are important to the task of education. And what it is that may give a university those qualities.

Several things come to mind that I would associate with urbanness: institutional flexibility, variety of individual opportunity, responsiveness to individual life-style, privacy, an openness that permits and depends on heterogeneity and ventilation.

Density, I would think, is a subordinate quality. . . (Fort Ord is dense.)

Here again I think there is a danger that we will attribute too much, too simply, to physical form. Consider three qualities: First, individual freedom. Where, in most meaningful form, does this quality lie in the university? Surely in the academic, intellectual realm. If it does not exist there, where it does exist it will be hollow. How is freedom provided for in the academic, intellectual realm? By variety of opportunities to shape one's own education or teaching. Those opportunities in turn, must be made viable by the institution's political structure. The key questions are where and by whom it is determined what the individual shall do. What behaviors are accommodated, rewarded? How breachable are interdis-

iplinary boundaries? Is college thought necessarily to consist of four consecutive, terminal years? By our answers to such questions we can provide for freedom. And by our campus planning we can give our answers physical form. But we cannot create freedom by physical planning. (We can, though, undermine it by totalitarian design.)

Second, the quality of openness, the liberation that comes from confrontation of varied values and beliefs, and purposes and life-styles. Oscar Newman seems to find this quality at Scarborough. Scarborough, he reports, by its density "enables students to be in close communication, . . . to benefit not only from association by conscious choice, but from association through unpremeditated encounter." Encounters, he suggests, occur on "the steps and platforms" of the hall through which "students and faculty alike must walk to get from one facility to another." Is that really what we mean by "encounter"? If so, most high schools, and the New York subway, rate high. Or does encounter have to do with the way in which we teach, the value we place on inquiry? the choppiness or intensity of our schedule, the attitudes of the librarian, our methods of examination, the nature and extent of the relationships: among students, among faculty, between our faculty and students? It is our approach to *these* things that will determine whether real encounters can occur, whether a quality of openness will develop on the campus.

Third, consider flexibility. Meaningful flexibility, in the university context, is not achieved by providing movable walls. Meaningful flexibility depends on variability of pursuits and methods in the process of learning and teaching. Is the institution monolithic with respect to educational policy, so that the entire faculty must be persuaded before anything new can be tried? Is administration heavy-handed and centralized? Who decides what I will teach? How sanctified are

curricular requirements? And where does budgetary power lie? Physical planning, by variety of organization and form, can help make flexibility effective. But it cannot create it, (though it *can* undermine it.)

I ask whether the new campuses we *popularly* call urban—are urban in fact. To be dense, and near to a city, is not necessarily to be urban. My suspicion is that some of these campuses are provincial—or urban villages, at best. Where in this country is there a new campus that has set out to be—not just in some way *like* a city—but wholeheartedly *of* it? A new campus that has set out to *use* the city, rather than be just affixed to it? Where have academic and physical planners worked together to design what might be *truly* new: not a walled 'town,' or a collection of villages, but a 'university city'? Woven *into* a city? As expansible as a city? With richly intermeshed neighborhoods, functions and systems of collegueship? Offer students an equally cosmopolitan setting, in which range and intimacy of educational experience are ensured not by circumscription but by a program and setting that exploit the environment's complexity and vitality. In which academic enterprises are about as nearly organized, one from another, as the occupations of a vital city—not so neatly organized as on our present campuses. In which interaction among the members of the community would take an infinite, rather than an imposed, variety of forms. In which a major commitment might be made to adult, as well as graduate and undergraduate, education. In which the crippling problems of educational disadvantage might be attacked by massive cooperation with the schools, rather than by assistance to the occasional ambulatory victim.

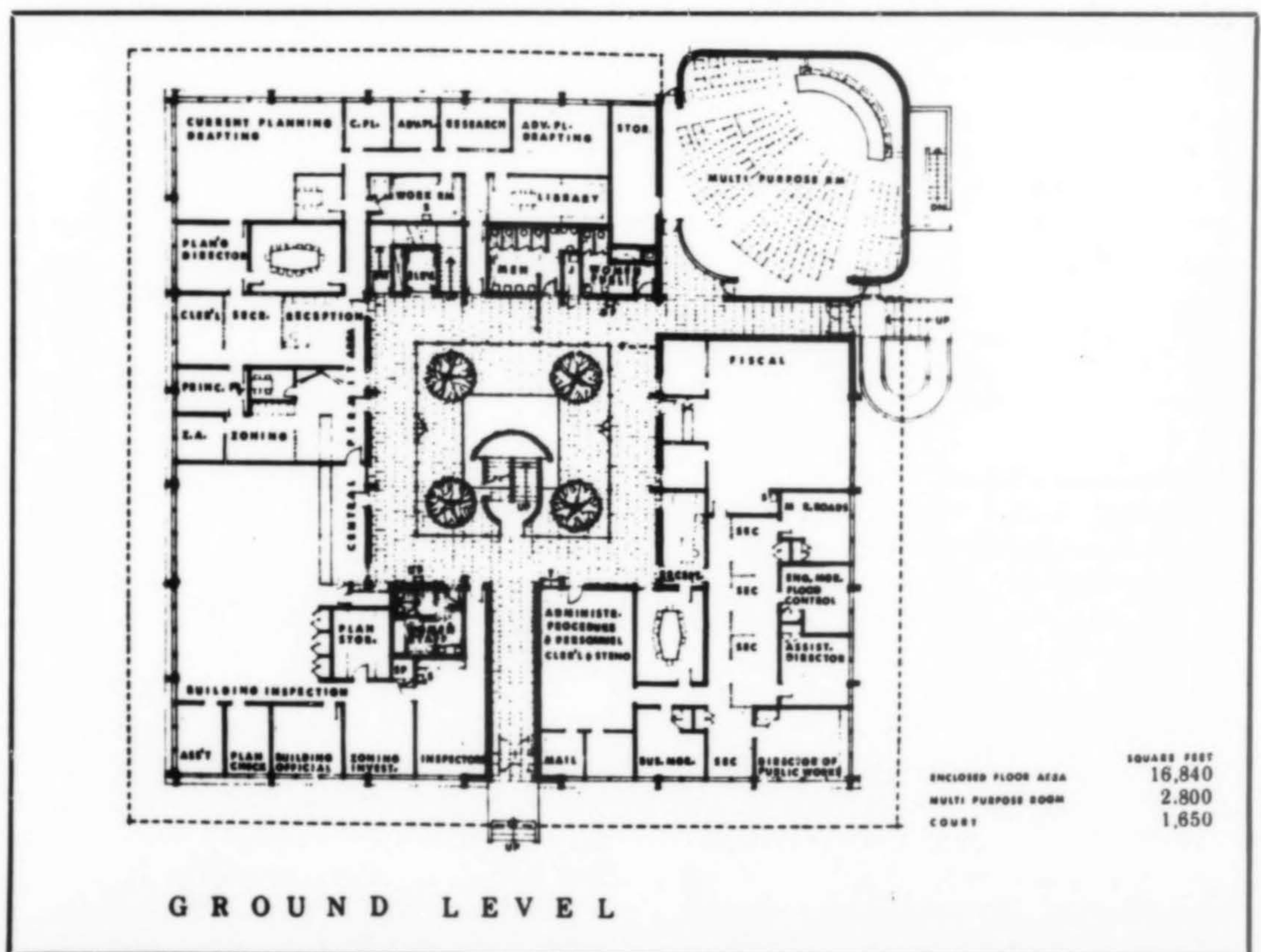
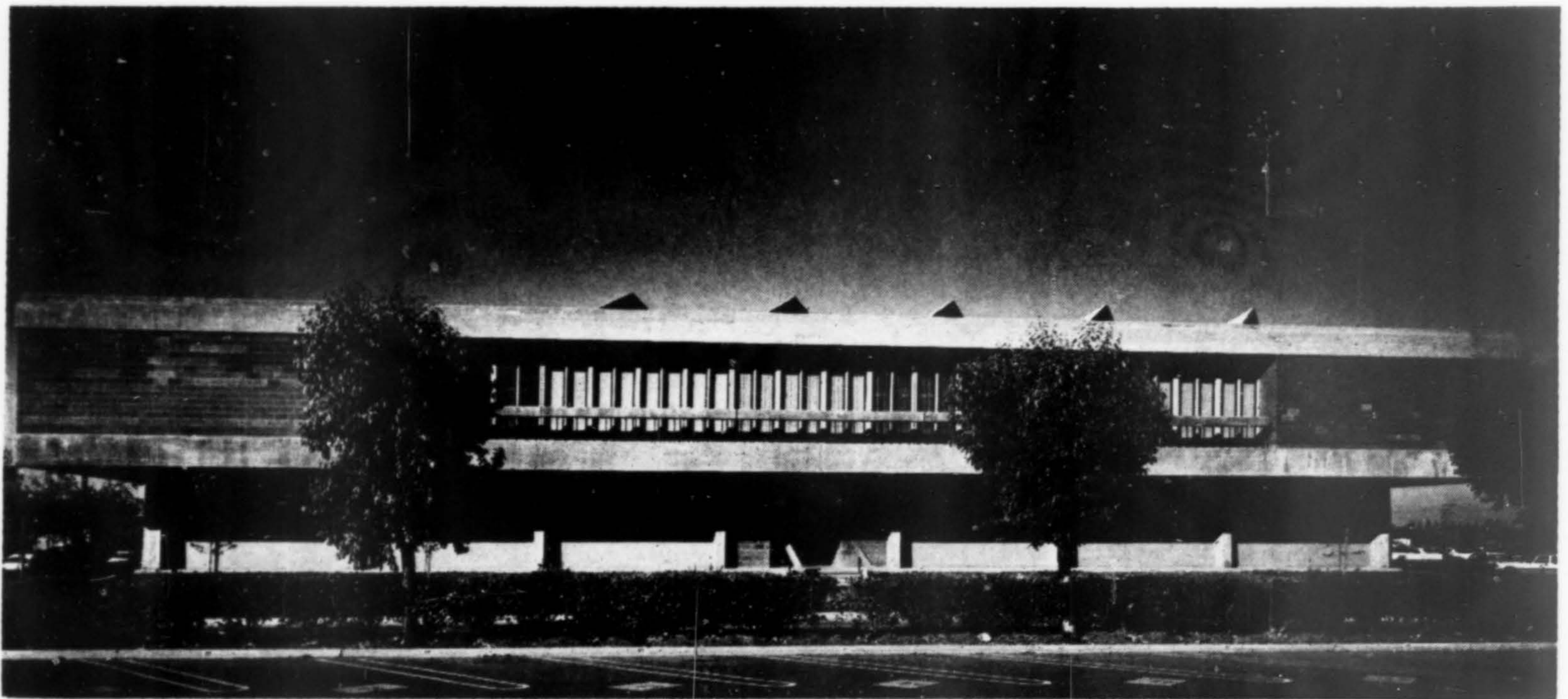
I don't know what such a university might look like, whether it would work or how one would create it. But it would be fun to try.

One public building for multiple use

PUBLIC WORKS BUILDING, County of Alameda, Hayward, California

OSTWALD and KELLY, Architects

CARL W. OLSON & SONS, General Contractor



THE REQUIREMENTS of the Public Works Department of Alameda County for one location for all design, construction and inspection engineers as well as the planning department, was solved with the new Public Works Building in Hayward.

Space within the building was planned according to the need: the planning commission meeting room seats 240 and a drafting room for designing engineers occupies 9,000 sq. ft. Modular office space with movable partitions occupies the remaining area. A partial basement provides for storage and other mechanical facilities. The drafting room has clerestory lighting in the bay.

These elements are organized around a central court with a sculptural concrete stair and pool. The lowered ceiling of the corridor around the court provides a plenum space for the air conditioning units, zoned for their individual exposures.

The reinforced concrete structural frame has sandblasted concrete panels and concrete block shear walls. A three-foot high podium raises the building above the surrounding area, making use of excess fill from the drilled caissons which support the building.

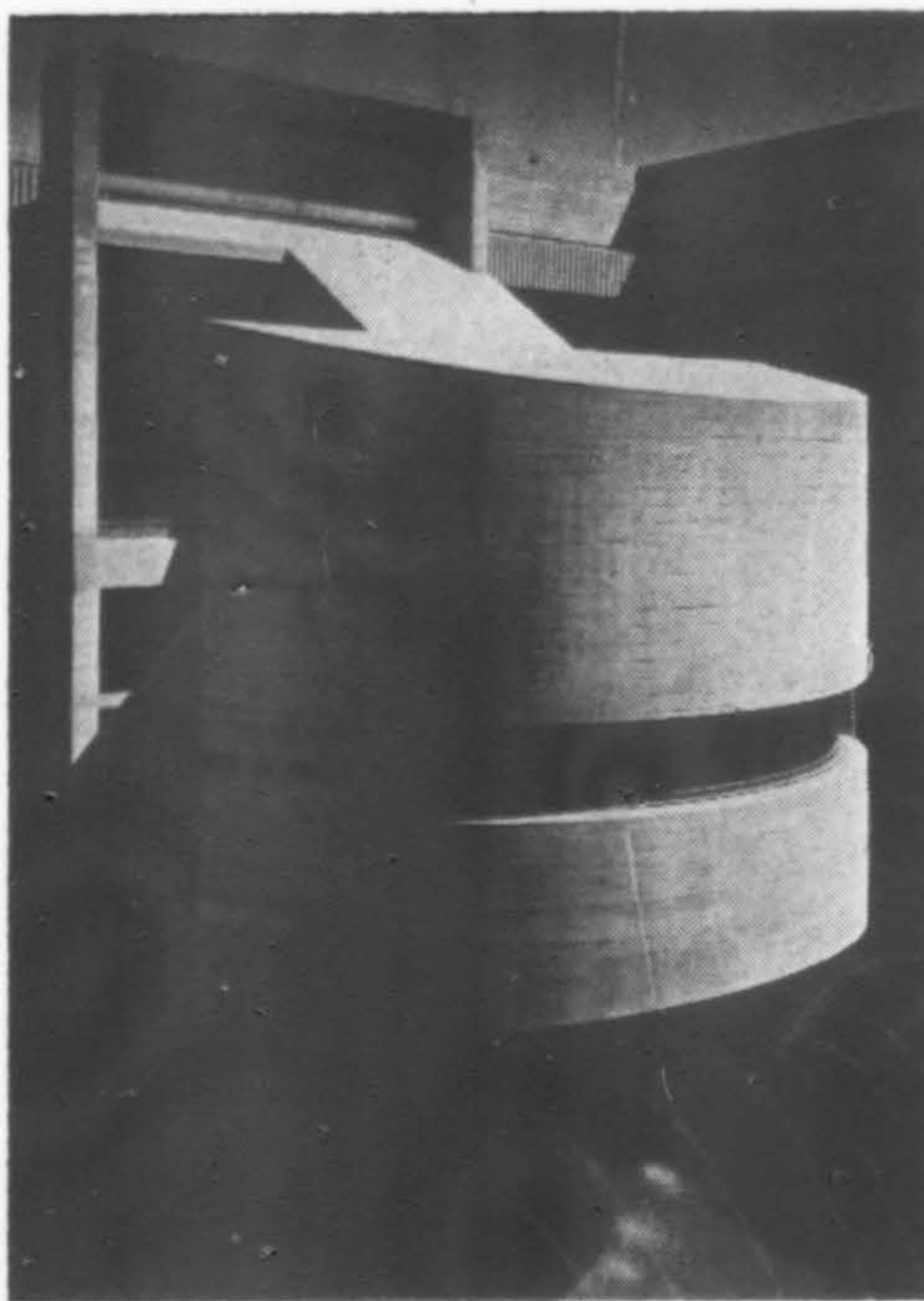
Total cost was \$1,100,000 or about \$22.60 sq. ft.

STEFAN J. MEDWADOWSKI
Structural

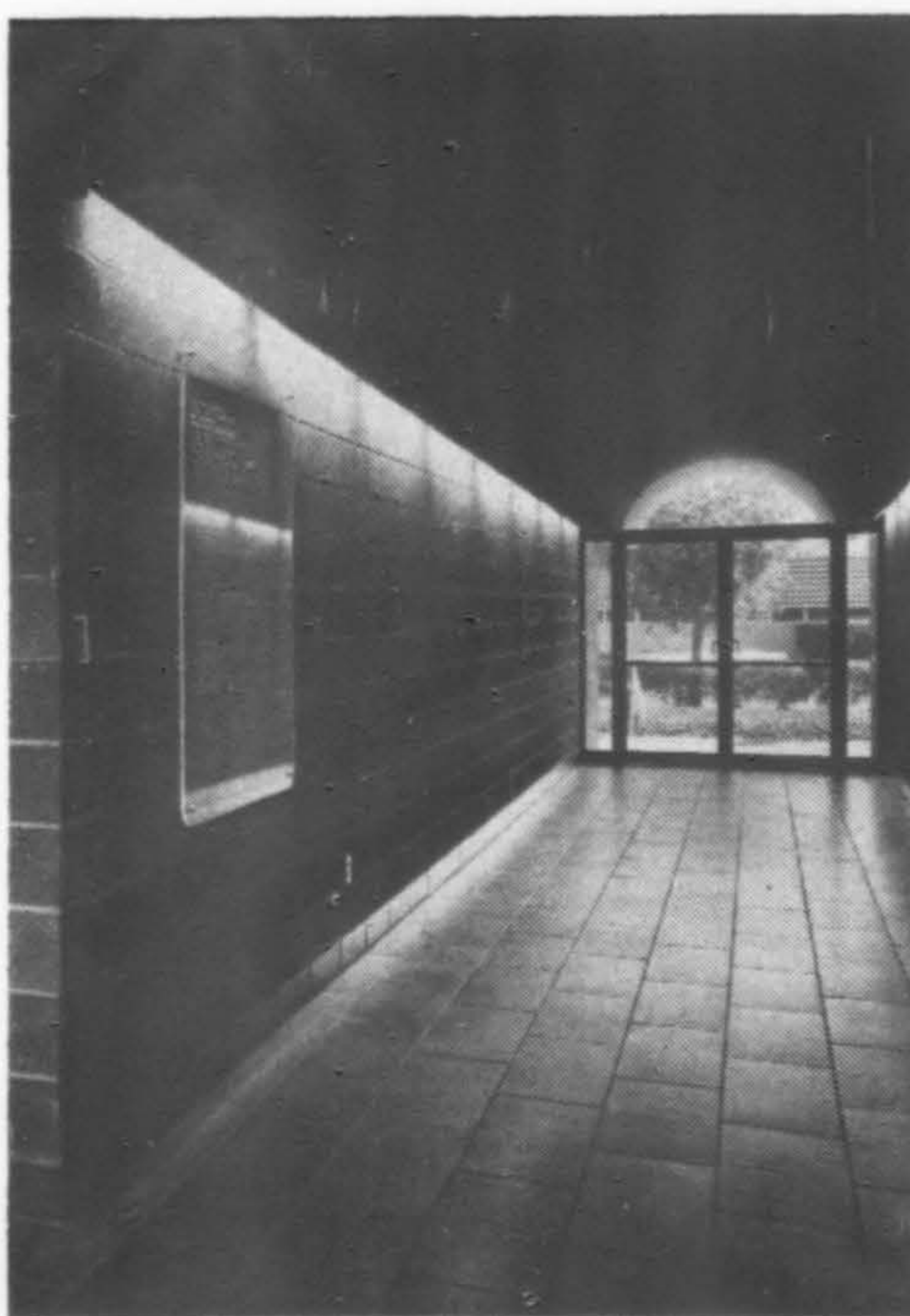
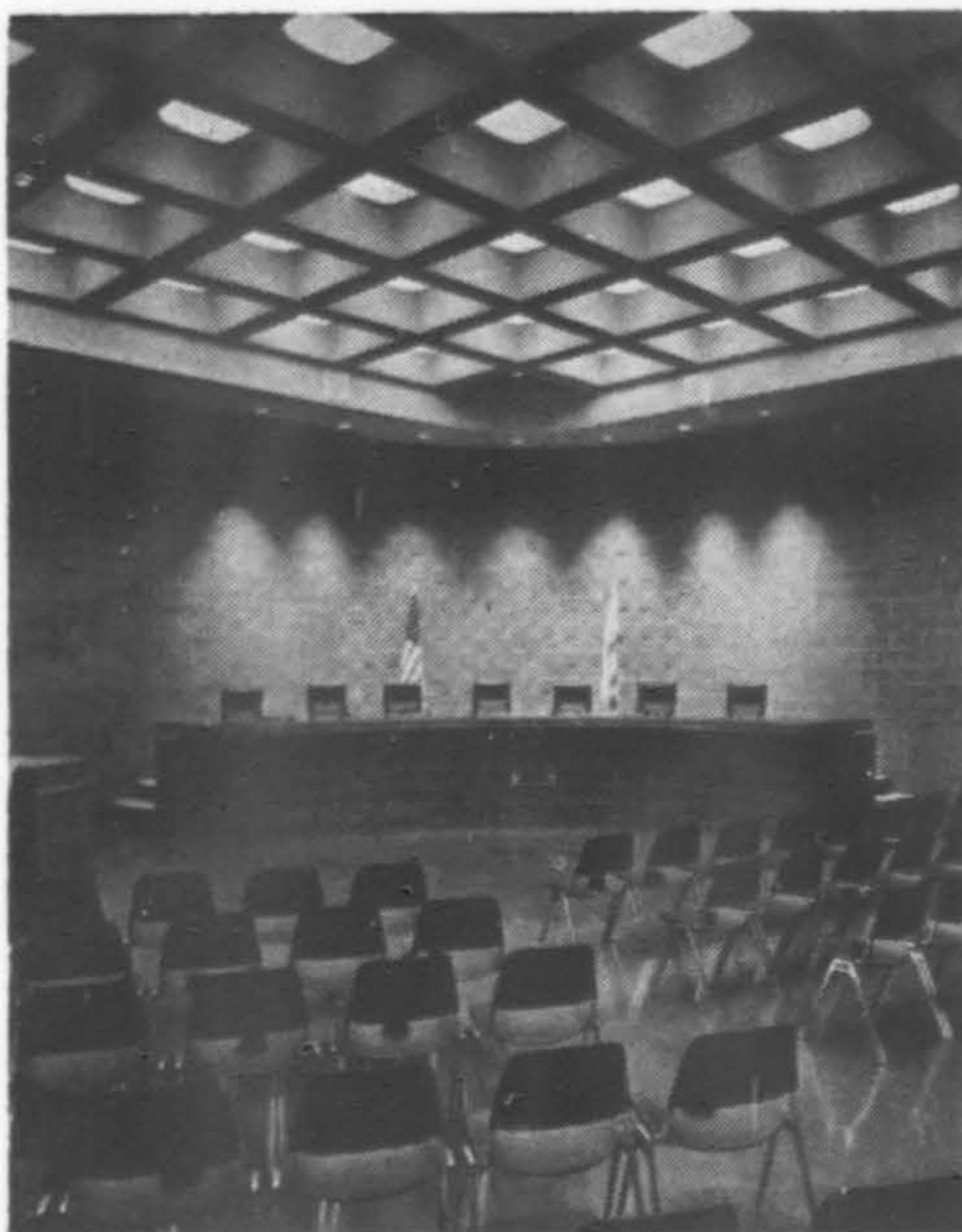
SANFORD FOX & ASSOCIATES
Mechanical

R. F. DARMSTED & ASSOCIATES
Electrical

NOVEMBER 1967



Morley Baer photos





Lower initial cost in Union Bank Square's

Union Bank Square, in Orange, California, is a dramatic example of the economy of All-Electric buildings.

The All-Electric Central Tower is a six story office building, steel curtain wall construction, with 84,000 sq. feet of gross space. It was completed in August of 1966.

Right next door is the North Tower, a non-All-Electric building of similar construction and the first building in the complex to be erected.

Calculated on a per-square-foot-basis, the combined overall initial, operating and maintenance costs for the All-Electric Central Tower are lower. Electric strip heaters in the ducts and refrigerated electric air conditioning accounted for significant savings in first cost.

Annual operating costs are just under 25 cents per sq. ft. per year. Maintenance time on the space conditioning system in the Central Tower is two-thirds less than in the North Tower.

Canal-Randolph Corporation, owner and operator of Union Bank Square, has found that claims for All-Electric buildings are proven in practice.

That's why the third building in the complex, the twelve story South Tower, will also be all electric. Scheduled completion date is July of 1968, and leasing operations for space in this luxury office building have already begun.

We can give you hundreds of other case histories of low annual cost of All-Electric buildings. Write Marketing Engineering, P.O. Box 62, Terminal Annex, Los Angeles 90051.



and total annual cost **All-Electric Central Tower**

Central Tower, Union Bank Square, Orange, California. A Canal-Randolph Property
Building Profile

GENERAL DESCRIPTION

Six-story building
84,000 square feet office tower
Steel curtain wall construction

OPERATING COSTS

Total electric Operating Costs – 25¢ per sq. ft. per year

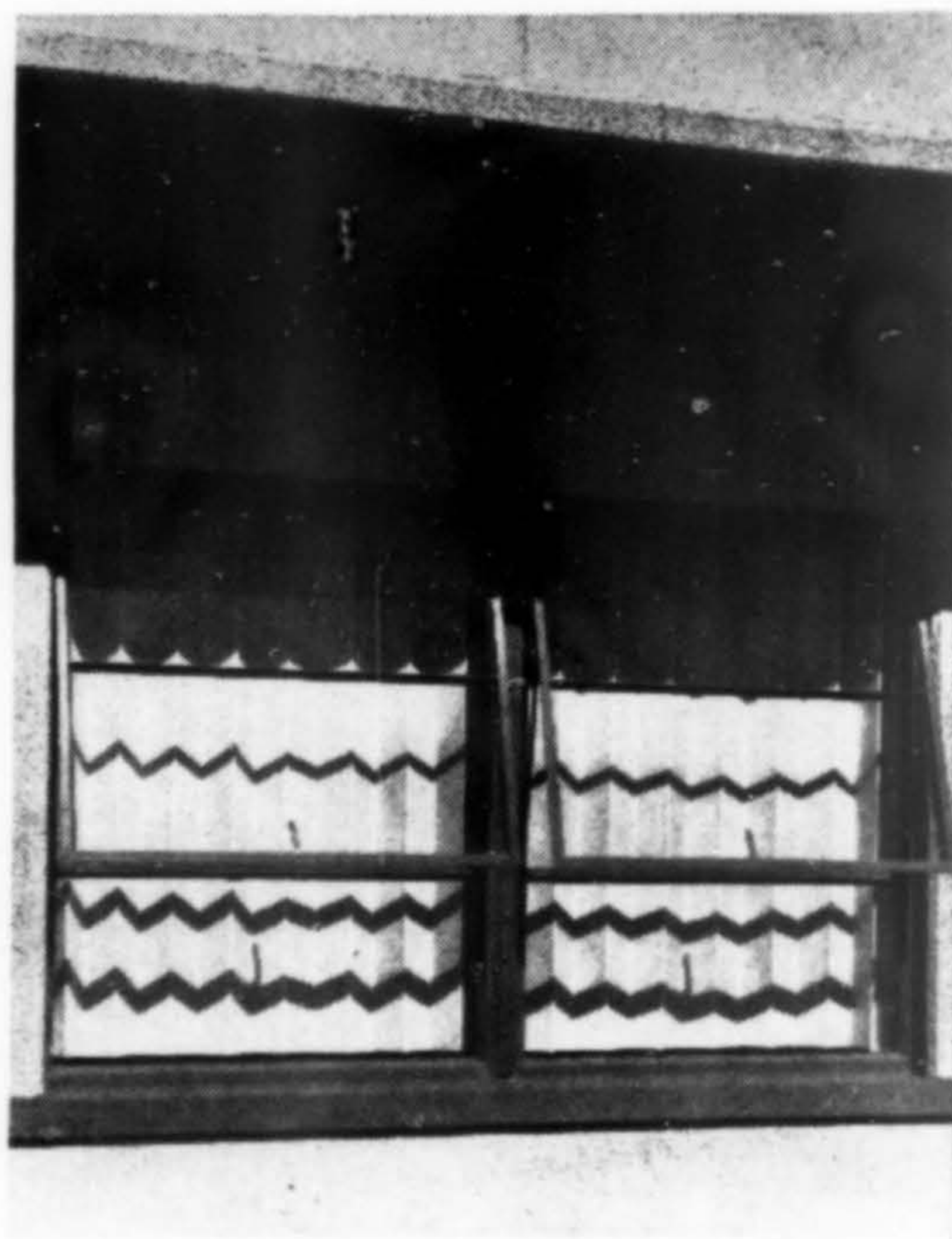
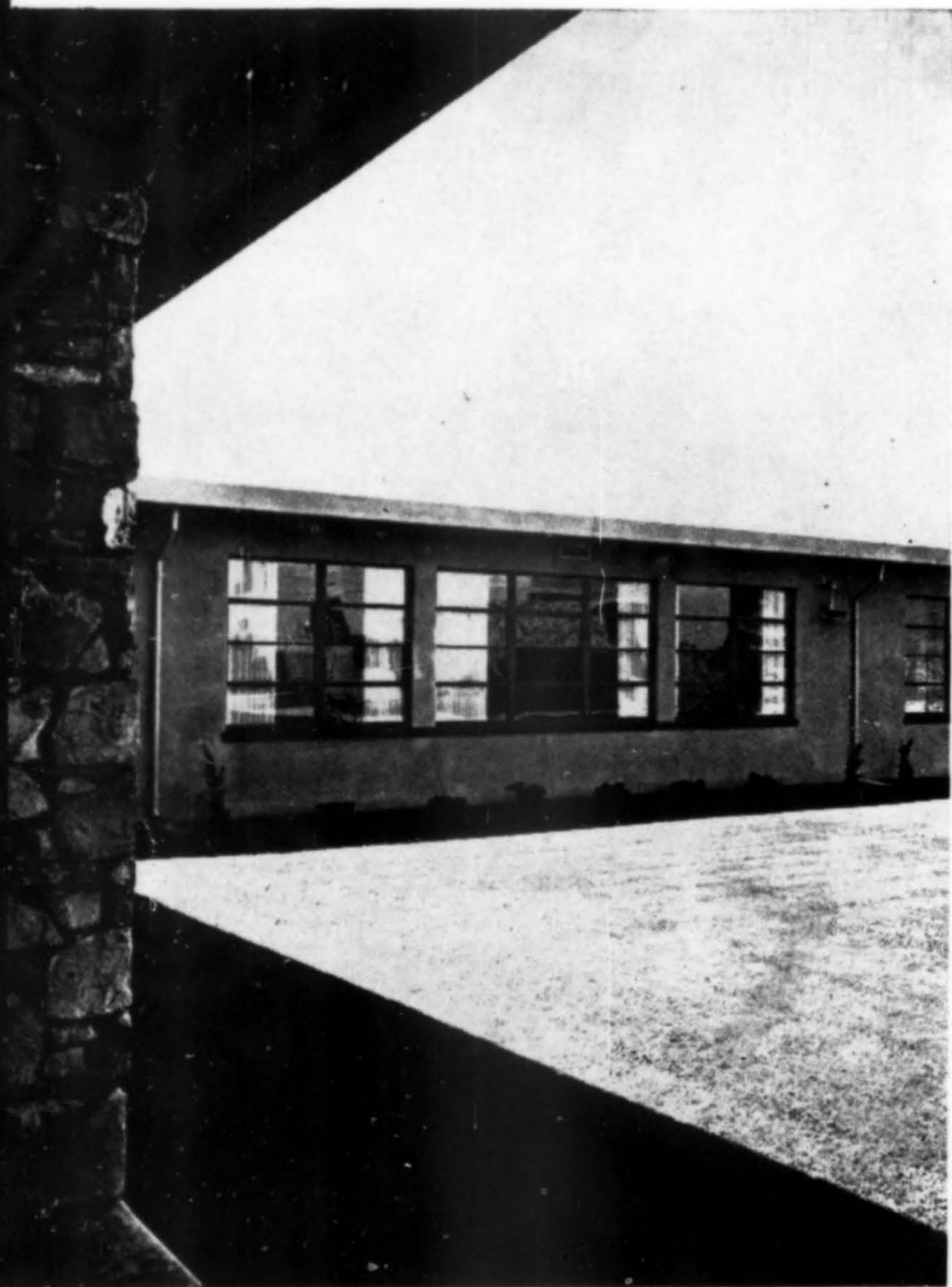
ELECTRIC LOAD

Connected lighting and miscellaneous load – 250 KW
Electric space conditioning equipment –
Cooling – 300 Tons
Heating – 374 KW
Electric Water Heating – 15 KW

SPACE CONDITIONING

Double-duct electric heating and cooling system

Southern California Edison **SCE**



Products in action:

CECOCLAD WINDOWS

MARYMOUNT HIGH SCHOOL
Palos Verdes, California

RUSSELL E. COLLINS
Architect

J. A. McNEIL COMPANY
General Contractor



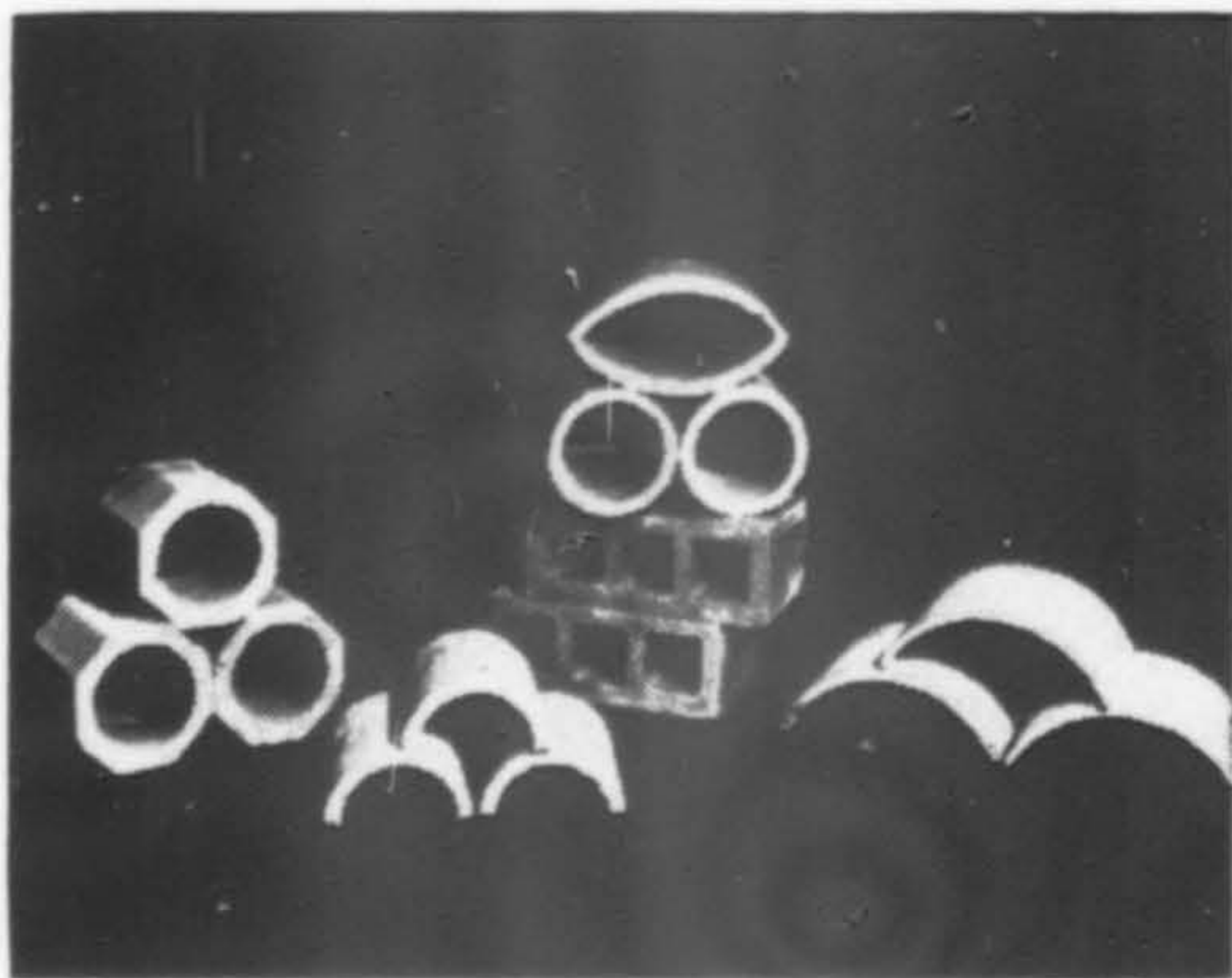
RESISTANCE to corrosive salt air has been built into this Southern California high school, situated on the Pacific Ocean. A minimum use of materials susceptible to ocean exposure were used to achieve this resistance factor. Among the maintenance-reducing design features are the vinyl-clad windows, selected because of their combination of strength and virtual immunity to corrosion in the salt-laden atmosphere.

The one-and two-story building was designed to harmonize with older structures on the school campus. Exterior of the building is masonry and stucco, the latter treated with a tan cement dash-coat in place of conventional paint. The architect specified a brown finish on the factory-finished steel windows as an accent to the tan tones. "Cecoclad" windows, supplied by The Ceco Corporation, were expressly selected as a means of avoiding periodic painting or other refinishing required with conventional windows exposed to salt spray. (In ASTM standard salt spray tests, the windows showed no signs of corrosion after 9,000 hours exposure to the salt spray.)

The school was completed in 1963 and the architect reports that there has been "no apparent change" in the original brown color of the windows.

• NEW PRODUCTS •

Clay screen shapes—



A complete line of clay screen shapes, clay patio tile and pavers has been introduced by San Valle Tile Kilns. Screen shapes are suitable for walls, fences, partitions and building facades. Shapes available are full-round, octagon, oval, half-round and barrel with a screen block also listed. All screen shapes are 5 $\frac{5}{8}$ " in depth with widths ranging from 4 to 11 $\frac{1}{2}$ ". The patio tile is 11 $\frac{1}{2}$ " square and pavers are 11 $\frac{1}{2}$ "x2 $\frac{1}{8}$ ". All are natural red and appropriate for all outdoor applications.—Sun Valle Tile Kilns (A/W), 1258 N. Highland Ave., Los Angeles 90038.

27 new office chair models—

Twenty-seven completely new models in office chairs are now available from Corry Jamestown. The line includes executive chairs, operator and drafting chairs, pedestal and director chairs. The 2000 Series line is characterized by a sculptured back and the 2100 Series with contour backs. Foam rubber seat cushions and no-sag springs are available in both lines. Walnut teak or wood-grained Fibersin arms are also available.—Corry Jamestown Corp. (A/W), Corry, Pa.

Ceiling air diffuser—

Tri-Trol Trak, a modular ceiling grid air diffuser, has recently been introduced by Krueger. The satin finish extruded aluminum grid is said to support all standard ceilings and lighting fixtures. A center groove permits flexibility in partitioning interior areas. Air distribution patterns are adjustable within a full 180° through 3-in. long openings alternating for the continuous length of the installed grid. A knob adjusts the control valve for the full length of the module. Standard cross pieces and splines for grid intersections produce joints with nearly invisible hair-line crack.—Krueger Manufacturing Co., Inc. (A/W), P.O. Box 5155, Tucson, Arizona.

Laminated wireglass—

Two-Lite Wireglass is a light bronze plastic laminate said to absorb the sun's heat and glare, to lower air-conditioning costs and to provide an attractive adjunct to curtain-wall passageways. It provides fire protection and meets the fire code requirements in most areas, and has a sound reduction factor attractive in commercial installations.—Amerada Glass Co. (A/W), 2001 Greenleaf Ave., Elk Grove Village, Ill. 60007.

Hardwood office furniture—

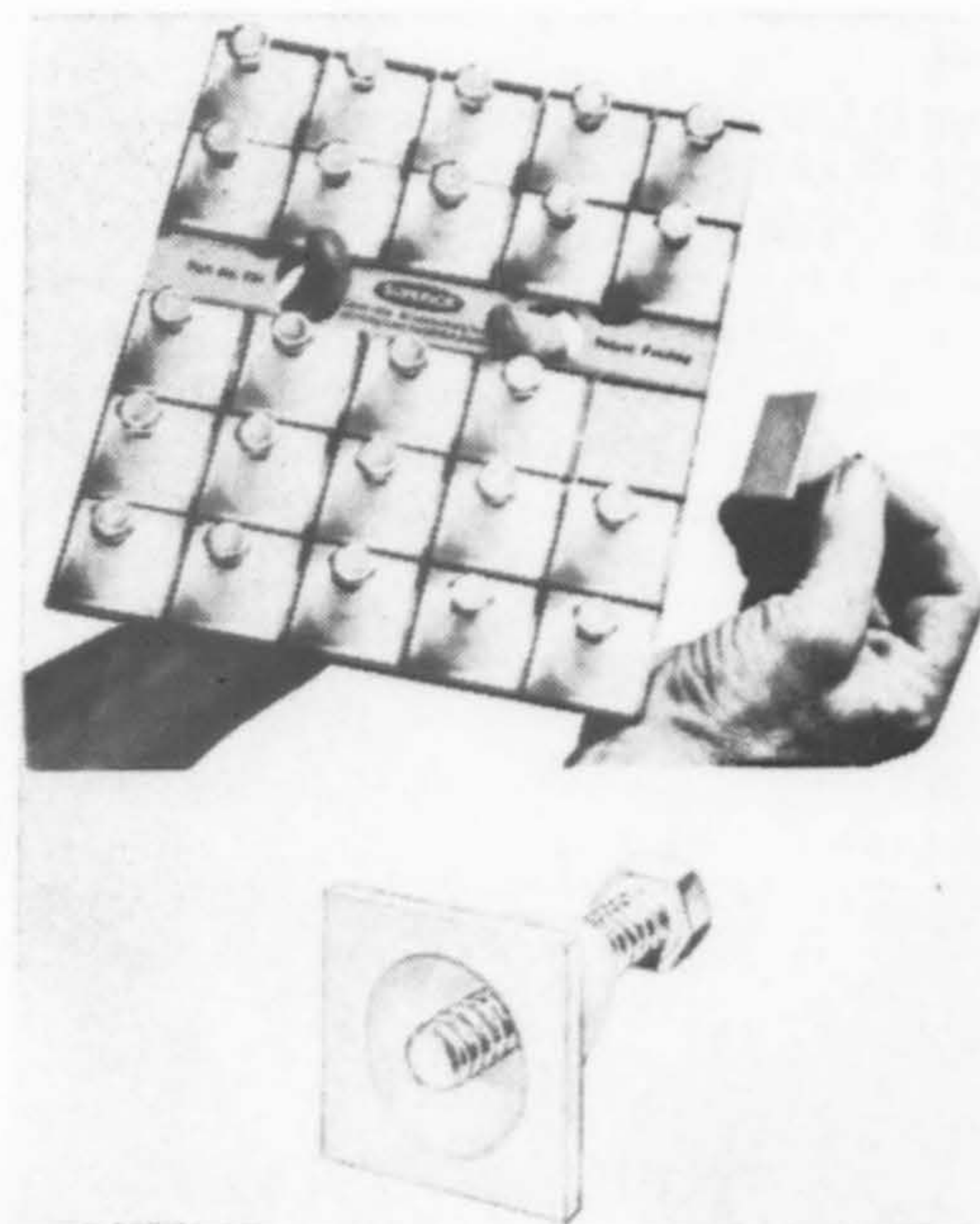


Fine hardwood office furniture has been made available for general office use in a new line of desks and storage pieces by Brown-Saltman. Designed by James W. Kelso, the desks are in American black walnut with tops of either wood or high pressure laminate in a matching finish. Modesty panels are wood or vinyl and legs are available in both walnut and mirror chrome steel. A variety of options make it possible to provide a desk fitting requirements of each individual job. Access holes for wires from telephone or electric typewriter are included. Desk dimensions are from 30"x60" to 36"x84".—Brown-Saltman Co. (A/W), 15000 S. Figueroa, Gardena, Calif.

Vinyl wallcovering—

Vinyl 300, an entirely new line of wallcoverings especially for the architectural and contract decorator, was designed to meet the increasing demand for more decorative walls in hotels, motels, office buildings, restaurants and institutions. The new line offers exceptional flame ratings, low initial cost (no special adhesives are needed), wall protection and ease of maintenance. The line includes 151 styles with 37 Creslan® acrylic flocks, 28 ink engravings, engraved woods and a range of textured designs.—The Birge Co., Inc. (A/W), P.O. Box 27, Buffalo, New York 14240.

Peg-Stud for concrete forms—



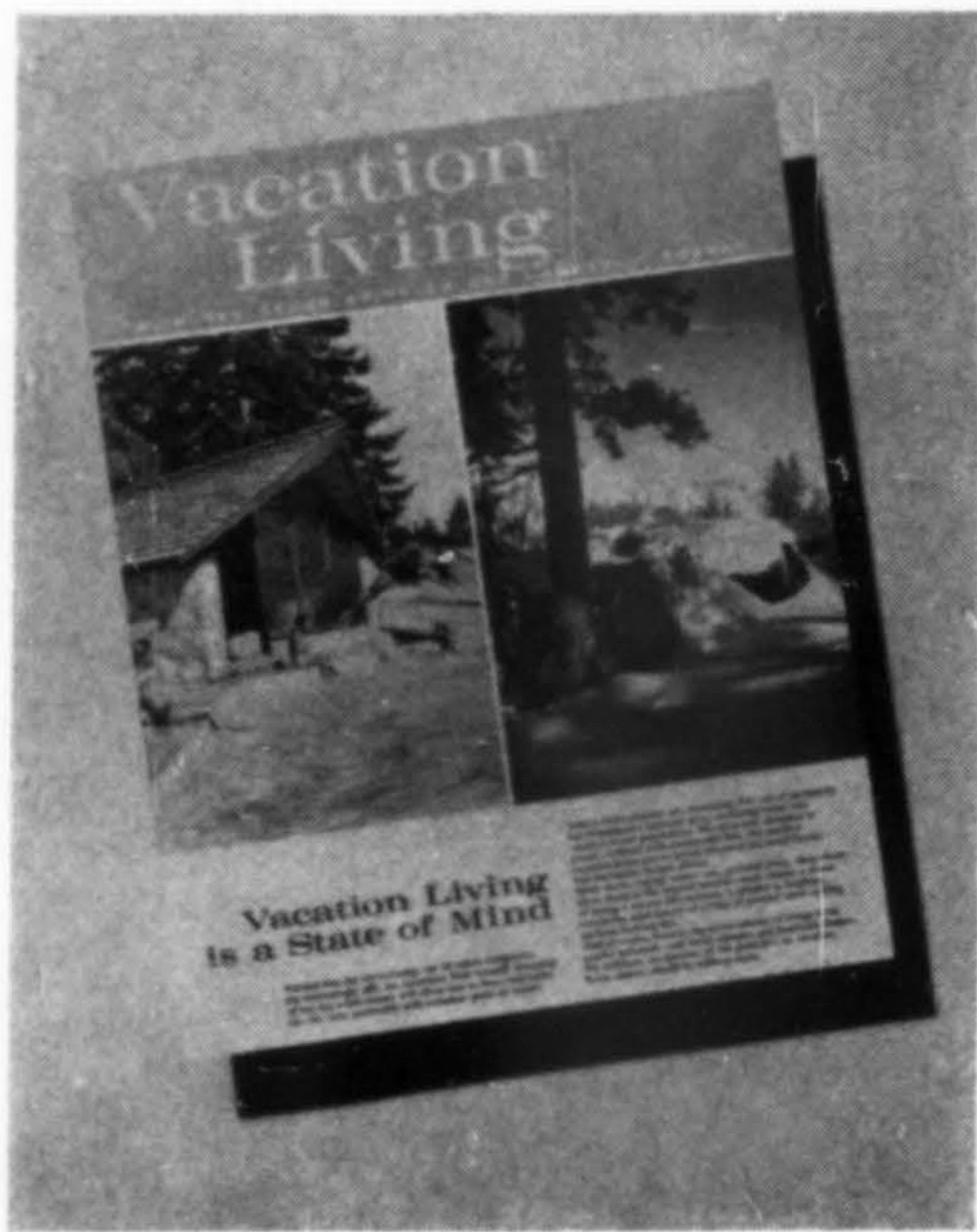
For use in flat slabs, pan or dome type slabs and prestressed or precast concrete elements, Peg-Stud is an insert which is used prior to concrete placing to provide for hanging or anchoring of conduit, pipe, fixtures, etc. Available in two types: (1) with self-adhering tape for affixing to steel or fiberglass forms; (2) without tape for use on wood forms. The use of Peg-Stud is said to eliminate the cost and problems involved in drilling concrete for expansion type anchors. Peg-Stud has a working load of 500 lbs. in 3,000 psi compressive strength concrete.—Superior Concrete Accessories, Inc. (A/W), 2100 Williams St., San Leandro, Calif. 94577.

Pacifica Promenade tile—



Pacifica Promenade Tile, a semi-handmade tile, is suitable for indoor or outdoor commercial or residential installations in all climates. Tiles are made from graded shale clays, fired at high temperatures, and come in 4x8", 12x12" and an elongated hexagon size. Eight standard colors are available with special colors on request.—Quarry Tile Co. (A/W), Spokane Industrial Park, Spokane, Wash. 99216.

Need Steel Frames in a Hurry?: gives in detail all the sizes, widths, gauges, construction details and anchoring systems on standard and special 1 $\frac{3}{8}$ " and 1 $\frac{3}{4}$ " steel frames. Sections are devoted to frames for trimmed openings, wrap-around frames for modular construction, hospital frames, frames for wood doors, communication frames, plus UL-listed and Factory Mutual approved fire door frames. 8-pp.—Amweld Building Products, 160 Plant St., Niles, Ohio 44446.



Vacation Living is a State of Mind: presents a survey of outstanding architecture in the leisure living field together with nine ready-to-wear cabins and chalets. Well illustrated with a variety of vacation cabins for winter or summer living. 8-pp.—Red Cedar Shingle & Handsplit Shake Bureau, 941 White - Henry - Stuart Bldg., Seattle, Wash. 98101.

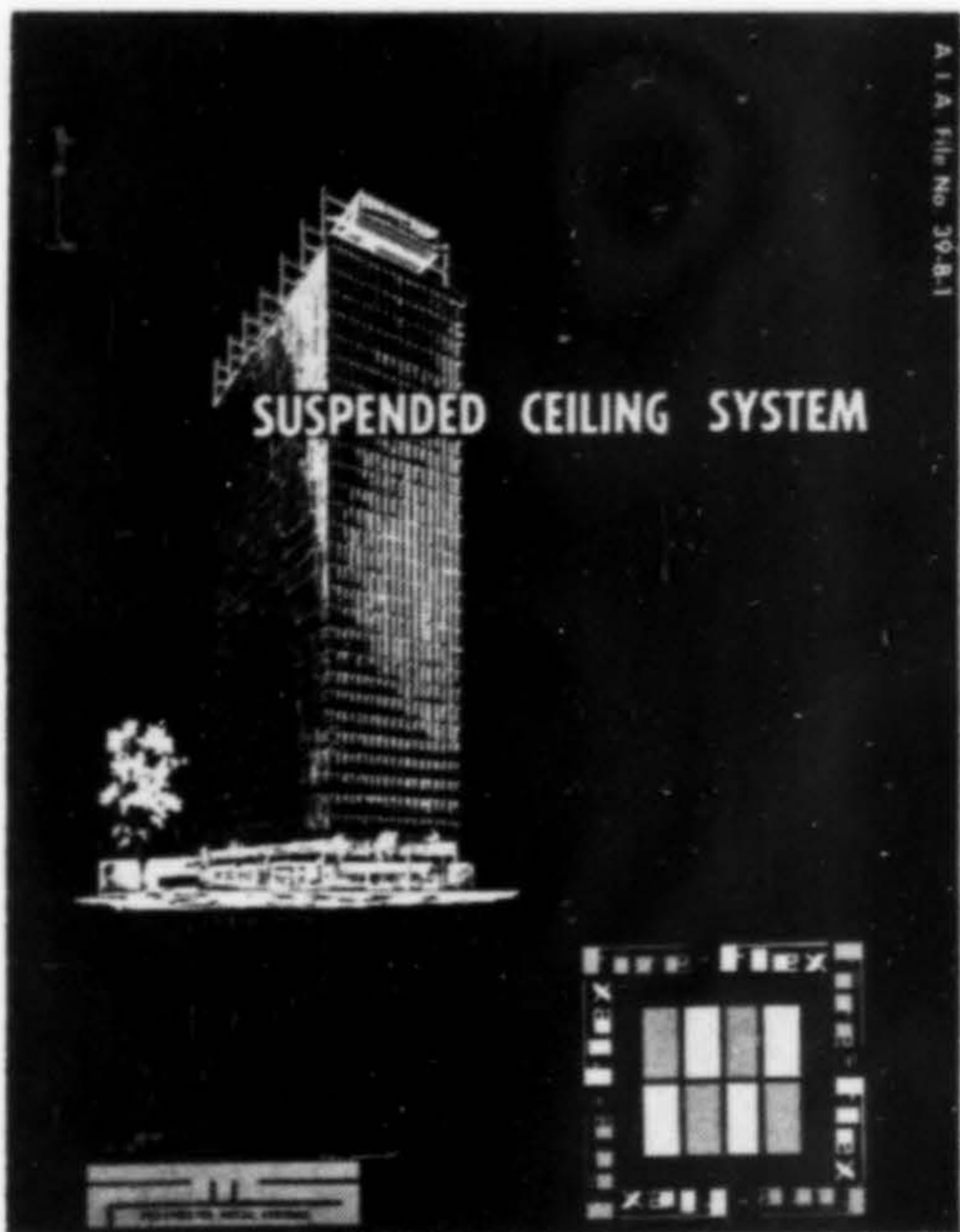
Acousti-Lum Lighting Fixtures: features new fixture designed for suspended ceilings which normally use strip lighting. The exposed metal housing is eliminated. Especially recommended for commercial and school installation. Comparison of conventional strip models is included with technical data and specification information. 8-pp.—The Celotex Corp., 1500 N. Dale Mabry, Tampa, Florida 33607.

Heats a Span, Not a Spot: job descriptions of the Self-Vented Co-Ray-Vac infrared gas heating system as installed in 23 different types of commercial-industrial buildings. Each case defines the kind of application and the customer comments concerning attainment of air pollution control, elimination of boiler rooms, reduction of corrosion and rust damage, uniform draftless heating of an entire work area, fuel cost reductions. Form 1276. 4-pp. — Roberts-Gordon Appliance Corp., Buffalo, New York 14240.

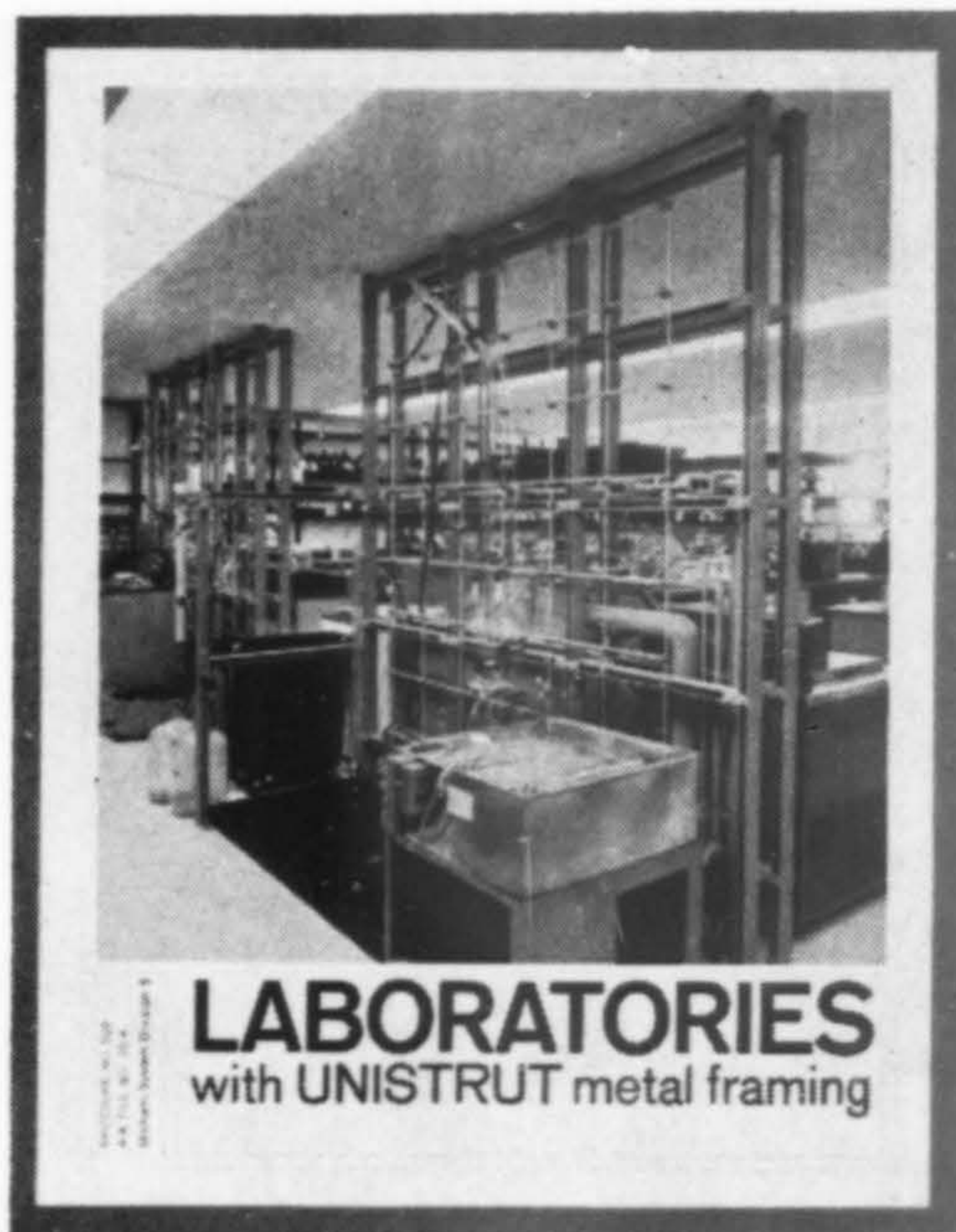
Trackwall (AIA 16-F): describes the Trackwall® soundproof movable wall system for dividing areas or rooms of commercial, institutional or industrial structures. Photographs and scaled drawings show the construction, layout, installation and storage arrangement features. Detail drawings show the panels and their all-directional ball-bearing ceiling trolleys. 8-pp. Bulletin 6,5001.0 — Industrial Acoustics Company, Inc., 380 Southern Boulevard, Bronx, New York 10454.

Fire-Retardant Asbestos for Cedar Shake Roofs: contains a test-it-yourself sample and description of No. 411, a new asbestos underlayment to be used with wood shakes, shingles, siding and all types of roofing. Brochure discusses the tests that prove the underlayment will give many times the protection in a fire than conventional asphalt-saturated underlayments. 6-pp.—Nicolet Industries, Inc., Florham Park, New Jersey 07932.

Luxuria Kitchens: contains 20 color photographs showing the various styles and finishes of Luxuria cabinets and some of the conveniences. Detailed specifications are listed on a center spread folder, 33"x11" in an easy-to-read format, illustrated by more than 50 line drawings.—International Paper Co., Long-Bell Div., Dept. 756, P.O. Box 8411, Portland, Oregon 97207.



Suspended Ceiling System (AIA 39-B-1): gives complete information on a new "Fire-Flex" exposed grid ceiling system said to reduce installation time, improve ceiling appearance and simplify maintenance. Illustrations show how cross tees quickly lock into sockets on the main tee without use of tools or any pass-through elements at the tee junction. Also describes the embossed surface of the exposed flange and the properties for light reflection and maintenance.—Pre-Stressed Metal Systems, 81 Dingers St., Buffalo, New York 14206.



Laboratories with Unistrut Metal Framing (AIA 35-K): illustrates laboratory construction using Unistrut framing. Complete engineering data, part descriptions, weights and other pertinent information on all standard channels, fittings and parts for laboratory design is included. 40-pp.—Unistrut Corp., 4118 South Wayne Road, Wayne, Michigan 48184.

Masonite Hardboard Siding Products (AIA 19-D-2): presents application details and specifications by type classifications—lap and panel—with a four-page section devoted to Colorlok X-ninety, the prefinished siding. An index lists the company's 13 siding types and styles. Data on furnishing, workability, specifications and a listing of other hardboard products is included. 24-pp.—Masonite Corp., Box B, Chicago, Ill. 60690.

Wood Stain Color Card: complete Watco 5-Minute wood stain line, in 18 shades, is shown in real wood samples. Line includes Decorator, Mediterranean and Wood Stain colors.—Watco-Dennis Corp., 1756 22nd St., Santa Monica, Calif. 90404.

Storage Systems to Control Plant Losses: discusses 12 losses including poorly controlled inventory, excessive handling, production bottlenecks and others. Illustrated case histories show how storage system planning can save time and money in each area. Booklet is also designed as a time-saving reference to help planners pinpoint their main storage objectives and the best ways to achieve them. Over 60 illustrations show steel shelving, cabinets, bins, lockers and shop equipment in a variety of installations. 16-pp.—Penco Products, Inc., Oaks, Pa. 19456.

Seating Design Wall Poster: ready-reference wall poster displays 64 basic styles of chairs, stools, booths, settees, table legs and table bases.—B. Brody Seating Co., Contract Div., 5921 W. Dickens Ave., Chicago, Ill. 60639.

• **Timber Structures, Inc.:** Richard Innocenti has been appointed assistant manager of the company's Seattle office. In his new position, he will serve architects in Washington, Idaho and Montana, providing technical information and assistance in the application of glued laminated timber components. The firm's district office is located at 2nd and Cherry in Seattle.



INNOCENTI

• **Havens Cooling Towers:** The company has announced the appointment of two new dealerships. Tempco Equipment Co. will represent Havens in Northern California and Nevada. DMG Co. has been named to handle the firm's products in Southern California. Havens Cooling Towers manufactures air conditioning equipment.

• **California Redwood Association:** Harry A. Merlo, vice president of the Georgia-Pacific Corp. has been re-elected president of CRA. Also re-elected were: Philip Farnsworth, executive vice president; A. O. Lefors, secretary and Peter Johnson Jr., treasurer.

• **Pittsburgh Plate Glass:** The company has established regional offices in a new 15,000-sq.-ft. building at 1045 Zuni St. in Denver.

• **McGraw-Edison Co.:** The company's Halo Lighting Division has purchased the Carr Lighting Co. of Los Angeles. Former owners, David and Thomas Carr, will continue to head the operation. Carr Co. manufactures decorative outdoor lanterns.

• **Lear Siegler, Inc.:** John Hughes has been named district sales engineer and service manager of Custom/Aire and LSI Heating and Air Conditioning Service of the Holly Division of Lear Siegler. He will be headquartered at LSI facilities at 2045 Evans Avenue, San Francisco.

• **Weyerhaeuser Company:** Edmund W. Pugh, Jr., has been elected as a corporate vice president of the Tacoma based firm. He has been administrative vice president of Lever Brothers Company, New York, since 1965.

• **Tileboard Corp.:** Company President Gerald E. Dresner, has announced that the corporation's name has been changed to Wall Panels, Inc. The company is an affiliate of Hardboard Fabricators Corp., New York.

• **The Philip Carey Manufacturing Co.:** Philip D. Shea, Western division general sales manager at Santa Fe Springs, California, announces the appointment of Robert A. Fonarow as sales representative in Northern California. He will be headquartered in San Francisco.

• **J. H. Baxter Co.:** The company has moved its headquarters office from San Francisco to 1700 South El Camino Real in San Mateo. Several organizational changes have also been announced. Edward Riley has been named vice president of marketing; Robert Mossman is secretary-treasurer; Joe Napier, vice president of manufacturing and Willard Spies, vice president of procurement. The company produces chemically pressure-treated forest products.

• **Georgia-Pacific:** The company has established a new engineered board products department in Portland to coordinate Western division hardboard, flakeboard and particleboard sales. Ben Haynes has been named to manage the new department. Leslie Diehl will become sales manager and Kenneth Watt will become the department's sales and service coordinator.

• **Midland-Ross Corp.:** The firm's Janitrol Division has named Fab Steel Supply, Inc. of Anaheim, as a wholesale distributor of the Division's line of unit heaters and duct furnaces.

• **Evans Products Co.:** T. W. Breach, the firm's marketing manager, has been elected to the board of directors of the National Home Improvement Council.

• **American Plywood Association:** Edward L. Costello has been named manager of the Public Relations department at Tacoma, succeeding Thomas O. McCarthy.

• **Stack Steel & Supply Co.:** The Seattle-based distributing company has announced the appointment of H. Jerry Asp to the newly created position of plant and facilities manager. In his new position he will be responsible for the firm's preprocessing services, including cutting to size, sawing and flame burning. Stack Co. has offices at 500 S. Lander in Seattle.

• **Concrete Industries Council:** Eight national organizations have joined together for the advancement of concrete use. They are: the Concrete Pipe Association, Inc.; Concrete Reinforcing Steel Institute; Expanded Shale, Clay and Slate Institute; National Concrete Masonry Association; National Ready Mixed Concrete Association; Portland Cement Association; Prestressed Concrete Institute; and Wire Reinforcement Institute.

• **Monier-Raymond Concrete Tile Co.:** The company has placed its new roof tile on the market in Northern California. The firm started production at its Corona plant near Los Angeles early last year. Initially, distribution was limited to Southern California.

• **Vaughan Walls, Inc.:** James L. Darwin has joined the company as director of sales. Headquarters are at 11681 San Vincente, West Los Angeles.

• **ITT General Controls:** The firm's new headquarters for its midwestern counter facilities will be located at 1838 Flower St., Glendale, Calif. The company manufactures electrical and mechanical counters for numerous totalizing applications, including production, production control, laboratory equipment, office machines and general industrial equipment.



CONWED CORPORATION adopted this new corporate symbol when the firm changed the name from Wood Conversion Company. J. B. Lockhart, Jr., is president of the firm with headquarters in St. Paul, Minnesota, manufacturers of insulation, ceiling and wall products and systems.

• **Dur-O-wal National, Inc.:** Peter Kynell has been appointed West Coast representative for the Cedar Rapids, Iowa firm, manufacturers of masonry wall reinforcement and allied masonry products. His headquarters are in Orange, California.

• **The Mason Industry:** The Los Angeles office, under Frank McKellar, has moved to 1830 W. 8th Street.

• **B. F. Goodrich So.:** Gerald R. Martin has been named wall covering specialist for the firm's consumer products marketing division. He will be responsible for all Koroseal vinyl wall covering sales in California, Washington, Nevada, Montana, Utah, Arizona, Oregon and Idaho. Martin will be located at 3810 Wilshire Blvd., Los Angeles.

• **Robert John Co.:** Irving Lind has been named sales representative for the firm's contemporary office furniture group. His territory includes California north of Bakersfield, Oregon, Washington, Idaho and northern Nevada. Lind will make his headquarters at 75 El Capitan Drive, San Rafael, Calif.



not specified

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Pacific Printing Co. 

Fred Bassetti, FAIA, wrote the following advice to prospective homeowners for the 1967 Seattle Times annual "Parade of Homes" section:

WHO AM I? What will my family be like?

If you can answer these questions clearly and without hesitation you will know equally clearly the house for you when you see it—you can buy solid and serious. If you aren't sure, you may be better advised to make an economical purchase where you can be accommodated for a few years until living patterns jell, until the fog over your future has thinned.

So think about your real self and family before thinking about houses. What are your values? Are you the quiet, reflective type, do you like chess and family life, Vivaldi and Bach? This would suggest separate rooms relatively small if you build to suit your tastes, while the gregarious party lover might prefer large spaces in an open plan where conviviality can ebb and flow. Which type are you?

Pick your home accordingly, or insist that your architect plan it to suit your needs. If you pick him carefully he will have the imagination to serve your particular wants—force him to use it by revealing who you really are.

But don't sell the future short. You and your family will change—your housing needs will change. Quiet and privacy, which seem of only slight importance when there are just babies around, become essential to everyone when 15 years have passed. See that flexibility for change is built into your house. The best way to do this is to have a plan ready at the beginning.

You may be sure that when the children are high-schoolers the house will need to be much larger than when they are in a nursery. Later when they are away from home, working or in college, the size will seem too great. You will need to decide now whether to meet your changing needs by adding to your house or by changing houses.

Briefly, then, the best advice an architect can give to a prospective homeowner is that he understand his needs and insist that they be met. If an architect is engaged to design a custom house, he can be required to meet these needs. If you prefer to buy a completed house this will be your problem—be prepared to drive and hunt, look and ask questions.

There are hundreds or thousands of houses available. Look for fundamental values. Don't be swayed by the accessories; they can be changed. Location, site planning and quality of basic design come first. Select your house for these values and you have a good chance of making it into a home.

Good luck.



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Robertson, H. H. Company	20, 21
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Zonolite Division, W. R. Grace Company	5

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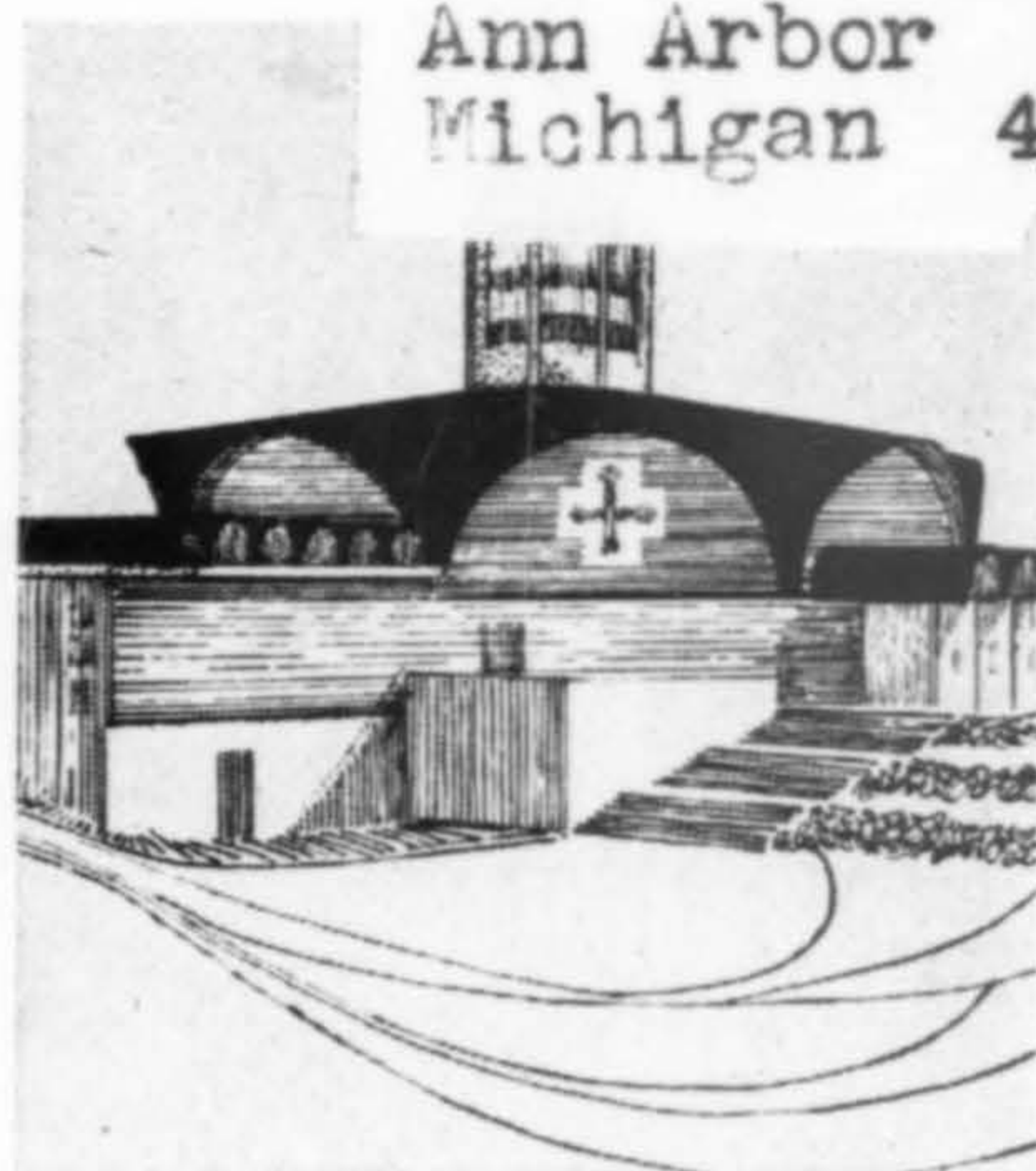
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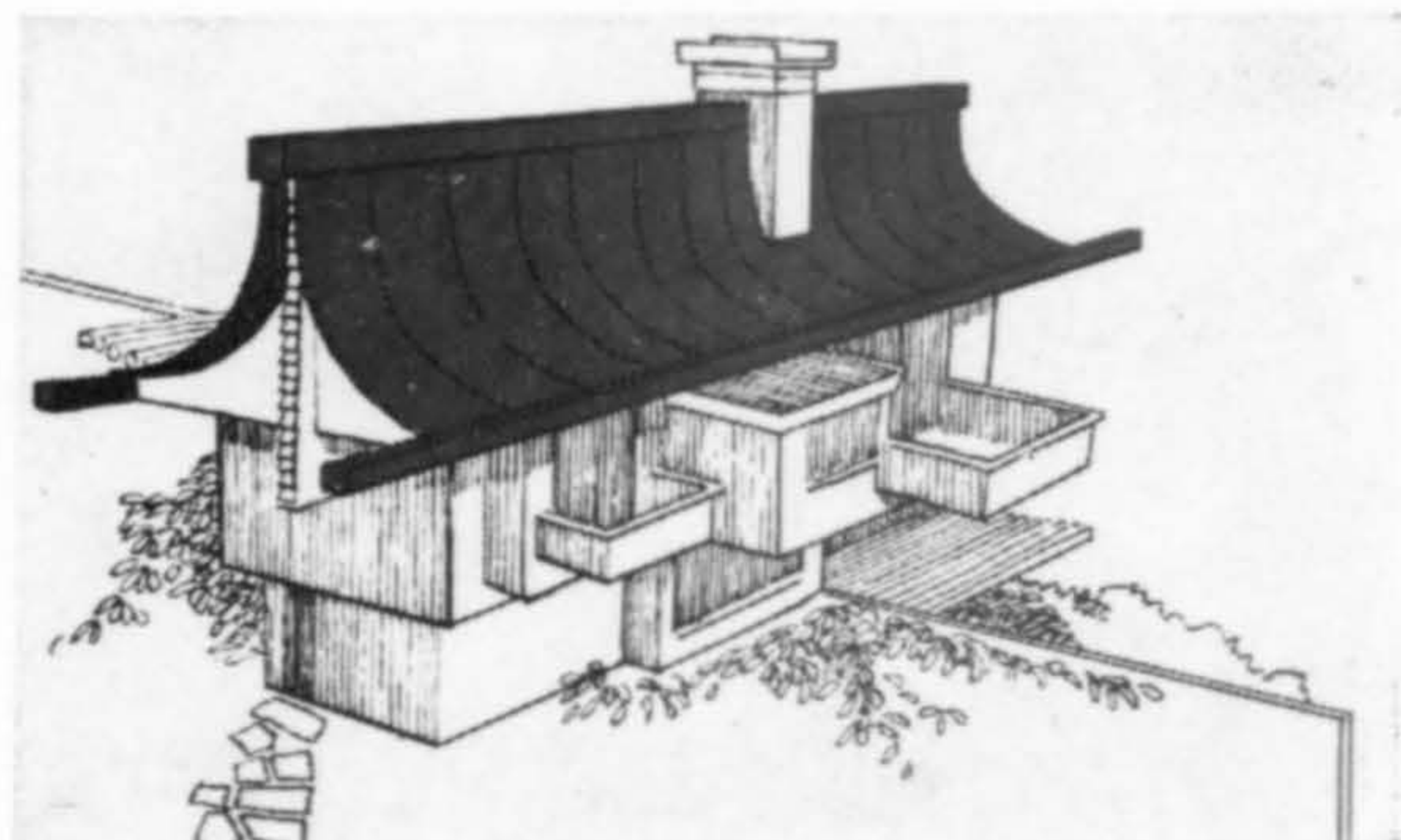
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