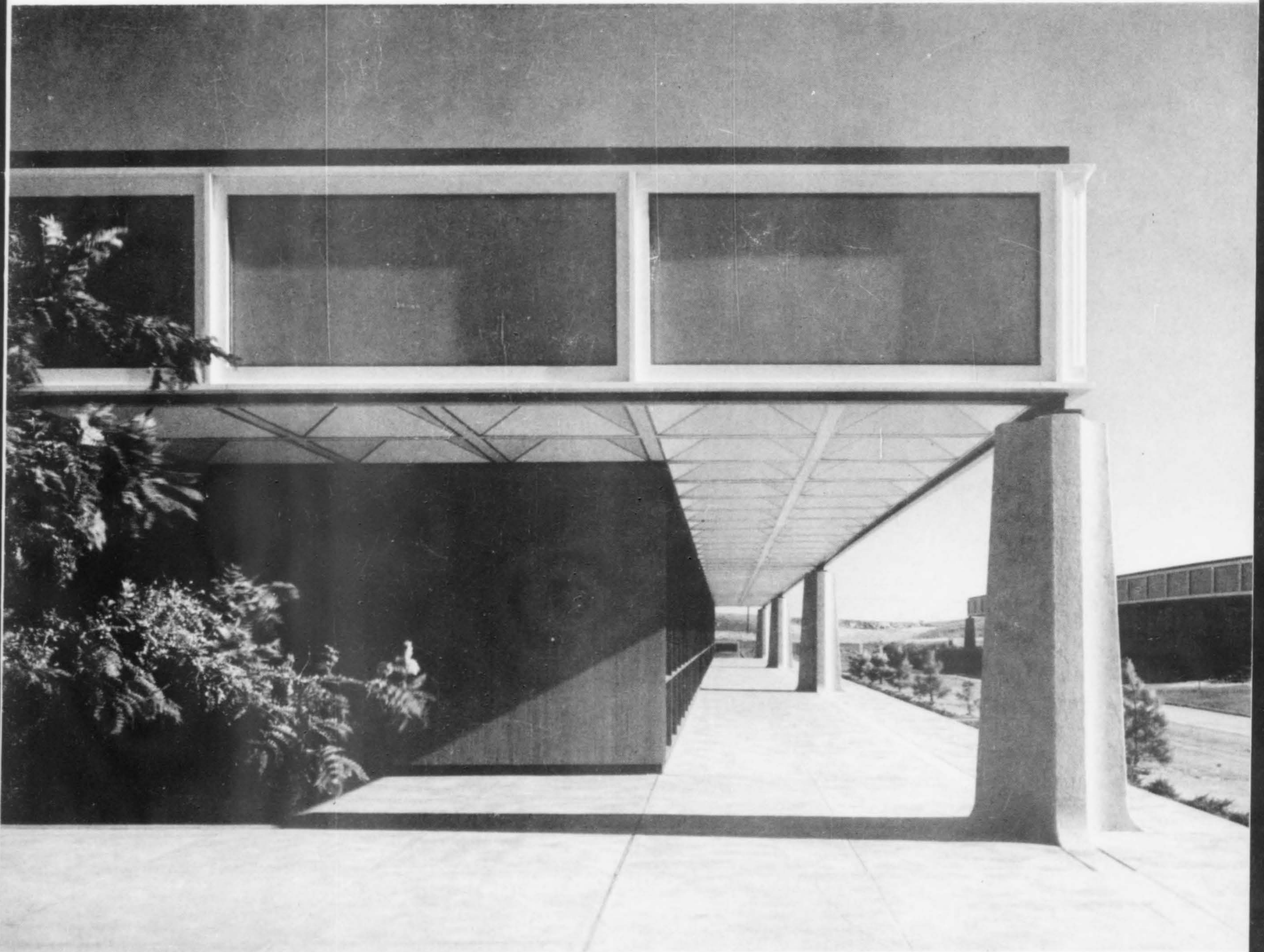


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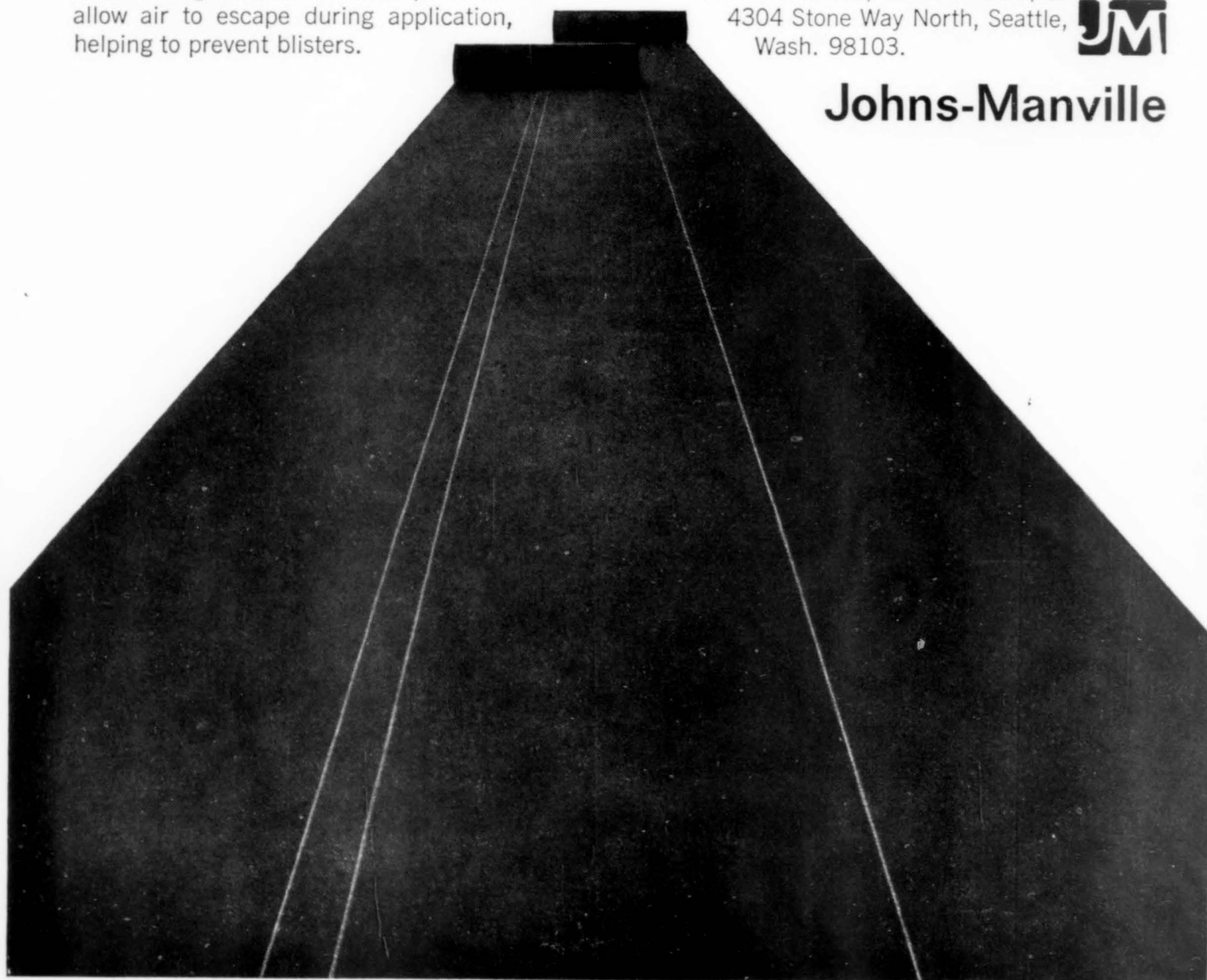
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Architecture/West

FEBRUARY 1968

VOLUME 74 NUMBER 2

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THE COVER: Oregon Technical Institute, Klamath Falls, Oregon;
Skidmore, Owings & Merrill, architects; Edmund Y. Lee, photo. P. 17

HIGHLIGHTS and SIDELIGHTS

Reyner Banham named Aspen program chairman—

Reyner Banham, a member of the teaching staff of the Bartlett School of Architecture, London, has been named program chairman for the 1968 International Design Conference in Aspen, to be held June 16-22. Dr. Banham, who participated in four previous conferences, said that the aim of the 1968 conference will be to confront the design worlds of Europe and America with a series of dialogues among professionals and experts from both sides of the Atlantic. Topics of discussion are scheduled to include European and American traditions in design, industrial design, architecture, town planning, and the value of Europe and America to world design. Dr. Banham is a British historian of modern architecture and design. He studied at the Courtauld Institute of Art, University of London, and was awarded a doctorate for a thesis which appeared in book form as *Theory and Design in the First Machine Age*.

"24-hour university" in Nevada?—

Nevada Southern campus, southern division of the University of Nevada, may become the nation's first 24-hour university. Located in Las Vegas, the faculty is studying a proposal to offer classes around the clock so that more employees of the famed strip city can attend. The idea of a "24-hour university for a 24-hour town," has some enthusiastic backers, including local businessmen who have already contributed many dollars toward campus development.

Rotating house—



An architect and an engineering-manufacturing firm have combined talents to produce a circular house that revolves on a pedestal 13-ft. above ground. The 71-ft. diameter, nine-room house is mounted atop a stationary masonry pedestal, 14-ft. in diameter, which carries all utilities into the house and where a circular staircase for entry is located. The house, designed by New York architect Richard Foster, is located in Connecticut. The entire weight of the living quarters is supported by a huge ball bearing, 13-1/2-ft. in diameter, designed and supplied by Rotek, Inc. The rotational speed of the house at the outside wall can be varied from 3/4 to 5-ft. per minute. The normal speed for which the drive and bearings were designed is 3.6-ft. per minute or 23 revolutions per 24-hour day. However, the owner intends to rotate the house only intermittently to select the desired view.

Medical facilities seminars slated—

Improved design and construction techniques for hospitals and other medical facilities have come under close scrutiny by two national organizations within the past six months. The National Academy of Engineering and The Producers' Council are providing forums for the exchange of data, ideas and information, among various groups involved in the planning, design and construction of medical facilities of all types. Beginning in January, the Producers' Council, Inc., are sponsoring a series of Medical Facilities Seminars that will bring together architects, engineers, economists, hospital administrators, contractors and representatives of the construction trades to consider a broad range of issues affecting building and operating costs. There will be 50 seminars held throughout the United States. The concept has the endorsement of the American Institute of Architects, the Consulting Engineers Council, the American Hospital Association and the Catholic Hospital Association.

Effects of background music studied—

The effect of background music in the schoolroom will be the subject of a one year in-depth study to be conducted by David Berliner, educational psychologist at Stanford University and Tape-Athon Co., manufacturer of background music systems. The music systems will be installed at five different schools covering kindergarten, elementary and high school levels at various geographical locations. A complete analysis will then be made of student and teacher reaction, effect on students' grades, effects on discipline and attendance.



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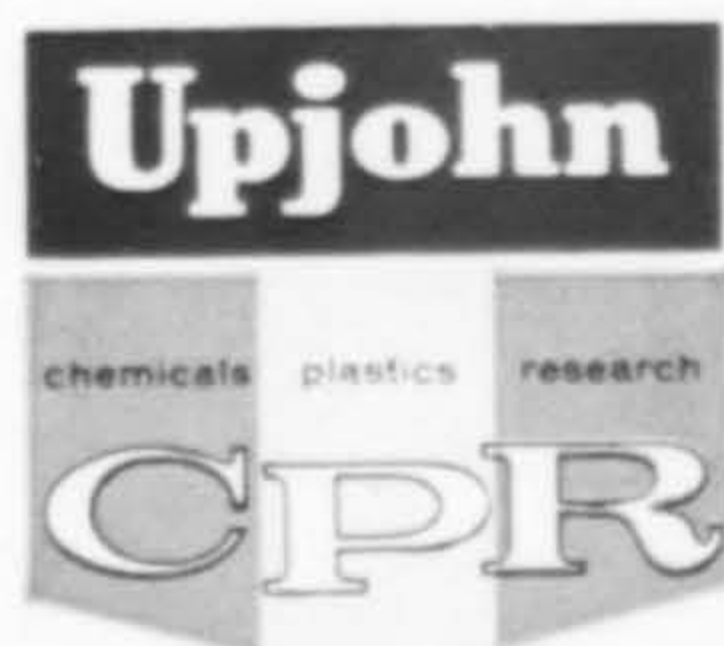
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\$20 million St. Vincent Center in Portland—

First phase of the new \$20 million St. Vincent Medical Center in Portland, Oregon, is presently under way. Construction, designed to make the center the most modern in the West, is set in five stages. Provision will be made for the total range of progressive patient care. Phase I, costing \$5 million, will provide 140 beds with appurtenant facilities. Phase II will bring the capacity to 300 and cost an additional \$6.5 million. The site is 35 acres near the Cedar Hills interchange. St. Vincent, Oregon's oldest hospital, was established in 1875. It is staffed by the Sisters of Charity of Providence. Architects for the center are Skidmore, Owings and Merrill.

Dollar volume records for Seattle, King County—

Seattle and King County, Washington, reported record dollar volumes in building permits issued for 1967. King County had a 65% increase; Seattle, 50% increase over 1966. King County issued 9,884 permits for a dollar volume of \$235 million; Seattle, 8,228 permits, \$156 million. Residential construction topped the building permits issued in both the city and county. This broke all records for the county. Dollar volume for Seattle was at a record high.

Construction delays face BART—

Two construction delays—that could prove costly—face the Bay Area Rapid Transit District within the next six months. The first is a six-month delay projected by inclusion of the Embarcadero Station at Davis Street. The other is a suit filed by a group of Berkeley citizens to block construction of the Ashby Place subway station. The Berkeley suit claims that BART has violated its obligation by allowing a station skylight to protrude above the street level. BART director of development and operation, David G. Hammond, said delay on the Embarcadero project was due to extra time given the Market Street Development Project to raise \$450,000 to cover design costs. An additional six weeks delay is because of utility relocation problems.

100 acres given to Scottsdale for park—

Scottsdale, Arizona is the recipient of 100 acres of land to be developed as the city's largest park. Donors are Mr. and Mrs. Fowler McCormick, owners of McCormick Ranch. The land, valued at \$300,000, is south of Indian Bend Road. The city plans to include two lakes, an arboretum, community center, outdoor theater, library and children's playground in the park at an estimated cost of \$1 million.

70 million electrically heated homes by 2000—

In 1966 there were some 2.5 million electrically heated homes in the United States. By 1980 there will be 19 million, and by the year 2000 there will be some 70 million. This, according to statistics listed in *The Illuminator*, published by the Washington Water Power Company in Spokane, Washington.



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"THE TOWN AROUND US"

16th ANNUAL CONFERENCE, WESTERN MOUNTAIN REGION, AIA
BROADMOOR HOTEL, COLORADO SPRINGS—NOVEMBER 5-8, 1967

SNOW AND WINTERY blasts welcomed participants to the 16th annual Western Mountain Regional AIA conference, November 5-8, in Colorado Springs. Some 200 delegates and guests registered at the Broadmoor Hotel, site of the first conference in 1951.

"*The Town Around Us*," conference theme, embraced the totality of design, involvement, education, communication and the city beautiful. Edmond Bacon, executive director of the Philadelphia City Planning Commission, lead off the seminar sessions with this statement: "I have made an entirely new discovery about architecture. Architecture as it is now practiced deals not with the whole, but with fragments." He stressed the treating of an entire concept as a totality which would place an entirely new emphasis on architecture and place a greater role on the profession.

Education, from the beginning of architectural schools in this country to recognition of the drastic seriousness of the problems inherent in the needs of the profession today, was traced by Sidney W. Little, FAIA, director of the Western Mountain region and dean of the school of architecture and fine arts, University of Arizona. "Without question, education is an 'in' subject for discussion these days and no less so in architectural circles."

Albert Bush-Brown, dean of the Rhode Island School of Design, took on the city beautiful. He pointed out that by far the most immediate appeal of the cities arrives through the senses, particularly sight. Too few people, he believes, think that the aesthetic enjoyment of cities is possible and so the core areas are abandoned and left to immigrant populations.

One session, chaired by F. Lamar Kelsey, FAIA, was devoted to the design aspects and planning problems of urban campuses. Speakers James D. Braman, Denver Planning Office, and Dr. Kenneth Phillips, president of Metro State College, outlined a new concept for the urban college—a multi-purpose, four-year college designed to serve a special metropolitan population.

Involvement of the architect was brought out in all the seminars. Ronn Ginn, urban design specialist with the Model Cities Administration, in an afternoon session moderated by John Anderson, president of the Colorado Chapter, AIA, pointed up the lack of architectural involvement in the initial first-wave planning applications received for Model Cities' designations.

Press reporting, particularly newspapers, received a rap on the knuckles from Fletcher

Trunk, publisher of SYMPOSIA magazine. "Inept, sometimes sensational reporting can misuse, misguide and even misinform the public about architectural facts and/or projects."

Speaking from the municipal side of the program, George Fellows, city manager of Colorado Springs, said "If there ever was a time in the life of American cities when the talents of citizens residing in those cities need to be identified, coordinated and directed toward the solving of community and national problems, that time is now . . ."

James Finch, FAIA, Atlanta, Georgia, said that all cities have the same ills—their principal assets are their people. "Education," he emphasized, "is the only solution to the problem. First, 'in house' education of our professionals and second, the education of our visually illiterate public. *The magnitude of this part of our task is appalling.*"

A design critique seminar for members of the profession only was, as usual, a lively one. At the Monday luncheon, the American Institute of Iron and Steel Construction presented one of the 12 design awards made during 1967 to Bunts & Kelsey of Colorado Springs, for the new auditorium-gymnasium at Colorado State University. At the Honor Awards banquet where five awards were presented in the annual Western Mountain Region competition, Samuel Homsey, FAIA, and vice president of the Institute, was speaker.

John B. Ten Eyck was conference chairman.



BACON



LITTLE



BUSH-BROWN



(Top) Left to right: Fletcher Trunk, George Fellows, James "Bill" Finch, Ronn Ginn, John D. Anderson.

(Right) William C. Muchow, partner-in-charge of the Engineering & Sciences Center at the University of Colorado, accepts Honor Award from Dean Sidney Little, FAIA.



New firms, associations, office changes

□ The Office of Masten and Hurd, Gwathmey, Sellier, Crosby, Masten, Hurd, Architects, announce the retirement on September 30, 1967 of Charles F. Masten, FAIA. The firm is continuing its practice from its new location under the designation of Gwathmey, Sellier, Crosby, Architects, The Office of Masten and Hurd, One Kearny Street, San Francisco.

□ Ronald L. Travers and Stephen D. Johnston announce their partnership under the firm name of Travers/Johnston, Architects & Planners. Offices are located at Suite 1-C, Portland Center, Portland, Oregon. Travers was formerly a partner in the firm of Edmundson, Kochendoerfer, Kennedy & Travers, Architects-Engineers, and Johnston has been associated with the firm of Nelson, Walla & Dolle, Architects, Vancouver, Washington.

□ The Palo Alto, California firm of Clark, Stromquist, Potter & Ehrlich has been dissolved and two new firms formed. Birge M. Clark, Walter Stromquist and David F. Potter will continue the practice of architecture at their present address, 3200 Hanover Street, Palo Alto, under the firm name of Clark, Stromquist and Potter.

Joseph Ehrlich, Rodney Heft, Jack Rominger have opened offices for the practice of architecture at 2470 El Camino Real, Suite 214, Palo Alto, under the firm name of Ehrlich, Heft and Rominger.

□ Fred Rodrick Blecksmith, Jr., architect, announces the opening of an office for the general practice of architecture at 415 Redwood Street, San Diego. He is a graduate of California Polytechnic.

□ Architects Max Bolte, Burr N. Boutwell and Charles K. Gordon have been elected participating associates in the Portland office of Skidmore, Owings and Merrill, according to an announcement by David Pugh, general partner and manager. Their election brings to 13 the number of participating associates in the firm's Portland branch. Bolte has been with SOM since 1963, Boutwell, since 1961. Gordon joined the firm's Chicago office in 1957, and came to the Portland office in 1965.

□ Peter DeFrancisci has been appointed director of consulting services for Charles Luckman Associates, Los Angeles. In addition to his present assignment as executive architect, he will undertake the selection, general evaluation and administration of all CLA consulting services. Architect N. William Marsh has been named director of production for Charles Luckman Associates. He joined the firm in 1955.



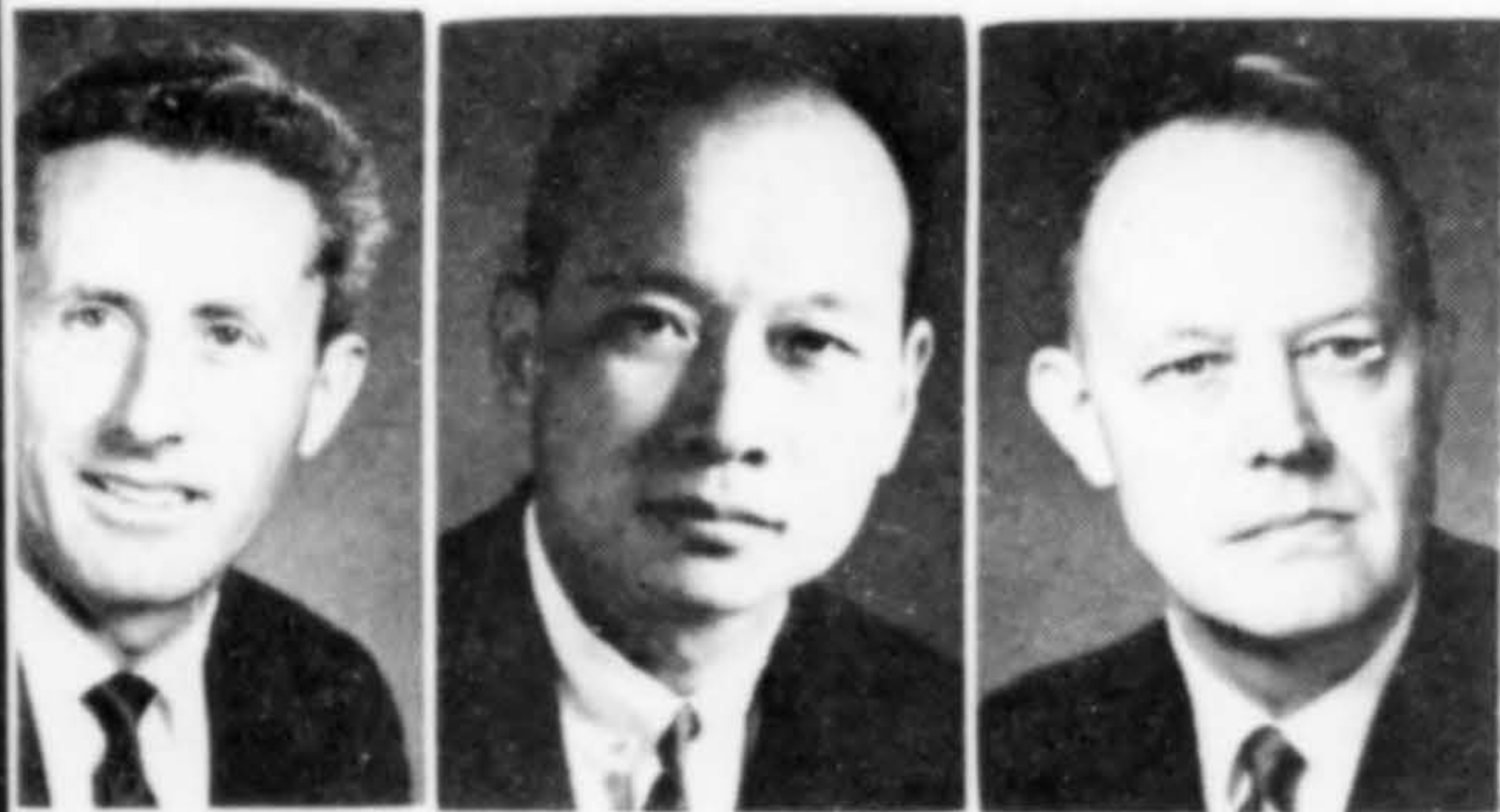
TSUSHIMA, PHILLIPS, DURLAO

□ Elmer D. Phillips, AIA, president of Lester and Phillips Ltd., Honolulu, announces the change of corporate name to Phillips and Dumlao, Architects Ltd., and the appointment of Don C. W. Dumlao, AIA, as vice president and Robert S. Tsushima, senior draftsman, as secretary-treasurer. This announcement follows the formal retirement of Marcus C. Lester, AIA Emeritus, who practiced architecture over 43 years in Honolulu. Elmer "Red" Phillips, who joined the firm in 1959, has been a partner since its incorporation in 1960. Dumlao, who became associated with the firm in 1966, had been in private practice in Orange County, California. Tsushima has been with the firm since 1951. Offices are at 843 Fort Street.

□ Alvin Fingado & Associates, Architects, announce the acquisition of the 20-year-old Oakland firm of Alvin Fingado & George T. Kern, Architects. Verl L. Hall and Norman D. Tilley, architects, will remain with the successor firm in charge of production and design, respectively. Offices are at 2910 Telegraph Avenue, Oakland.

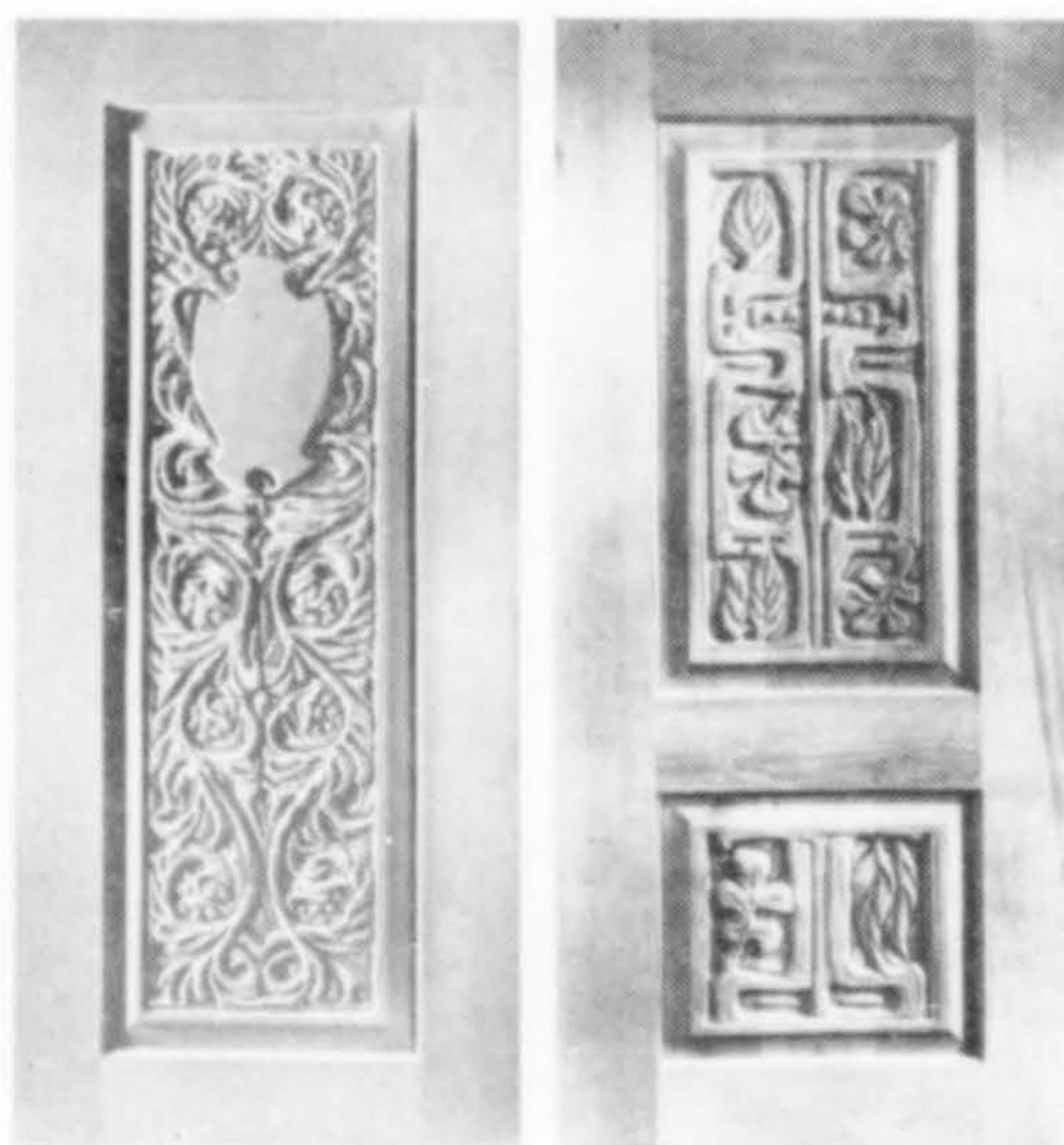
□ Ronald S. Wielgus, architect, has returned to private practice, opening offices at 3434 West Augusta, Phoenix, Arizona. He has been most recently with Wilsey and Ham, San Mateo, California, as a project architect.

□ Moritz Kundig, AIA, announces the addition of architect Donald J. McKinley, as a partner, and a change in firm name to Moritz Kundig Associates, Architects, AIA. Offices are at 510 Great Western Building in downtown Spokane, Washington. McKinley, who has been associated with other Spokane firms since 1962, is presently serving as Region 12 director of the Construction Specifications Institute.



SOLIDAY, TAN, WILLIAMS

□ The Spokane firm of Culler, Gale, Martell, Ericson, Architects - Norrie & Davis, Engineers, announce the promotion of three members of the firm to partnership. Architect Charles F. Soliday, who joined the firm nine years ago; engineer Wilho E. Williams, and architect Ronald H. Tan.



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□ Professor G. K. Vetter has been appointed associate dean of the University of Colorado School of Architecture. Dean De-Von Carlson said Vetter's appointment reflects the growth of the six-year-old school, presently experiencing about a 25 percent increase in enrollment each year. Vetter will be



responsible chiefly for organizing and supervising all academic advising and registration activities. A CU faculty member for 11 years, he will continue to teach and serve as director of a U.S. Office of Civil Defense Design and Development Center in the school. He holds bachelor's degrees in architecture and in construction from the University of Oregon, and an M.A. from Texas A&M.

□ Architect Charles M. Boldon has been named vice president of T. Y. Lin & Associates, Van Nuys, California, national engineering and design firm. He has been with the firm seven years.

□ Samuel M. Morse has accepted a position as architect with the school planning division of the Los Angeles City schools.

□ Architect John D. Caproni has joined the staff of Stone, Marraccini & Patterson, San Francisco-based architectural planning firm. He was most recently project administrator for Max O. Urbahn, Architects, New York City.

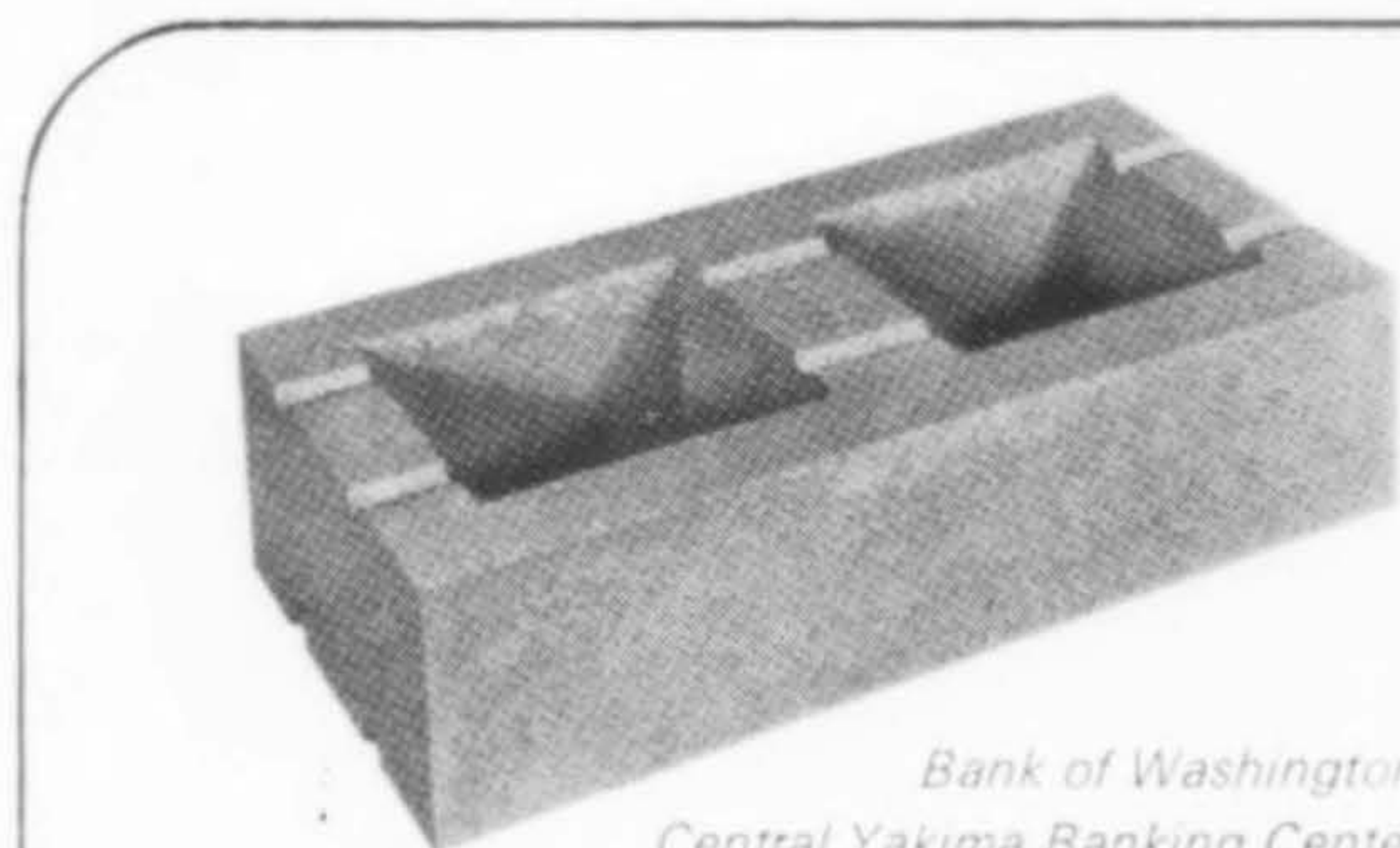
□ Akio Itamura has been appointed director of interior design for the planning and architectural firm of

William L. Pereira & Associates, Los Angeles. Itamura, a graduate of Art Center College, has been a member of the Pereira organization for the last seven years. He will head the staff of interior,

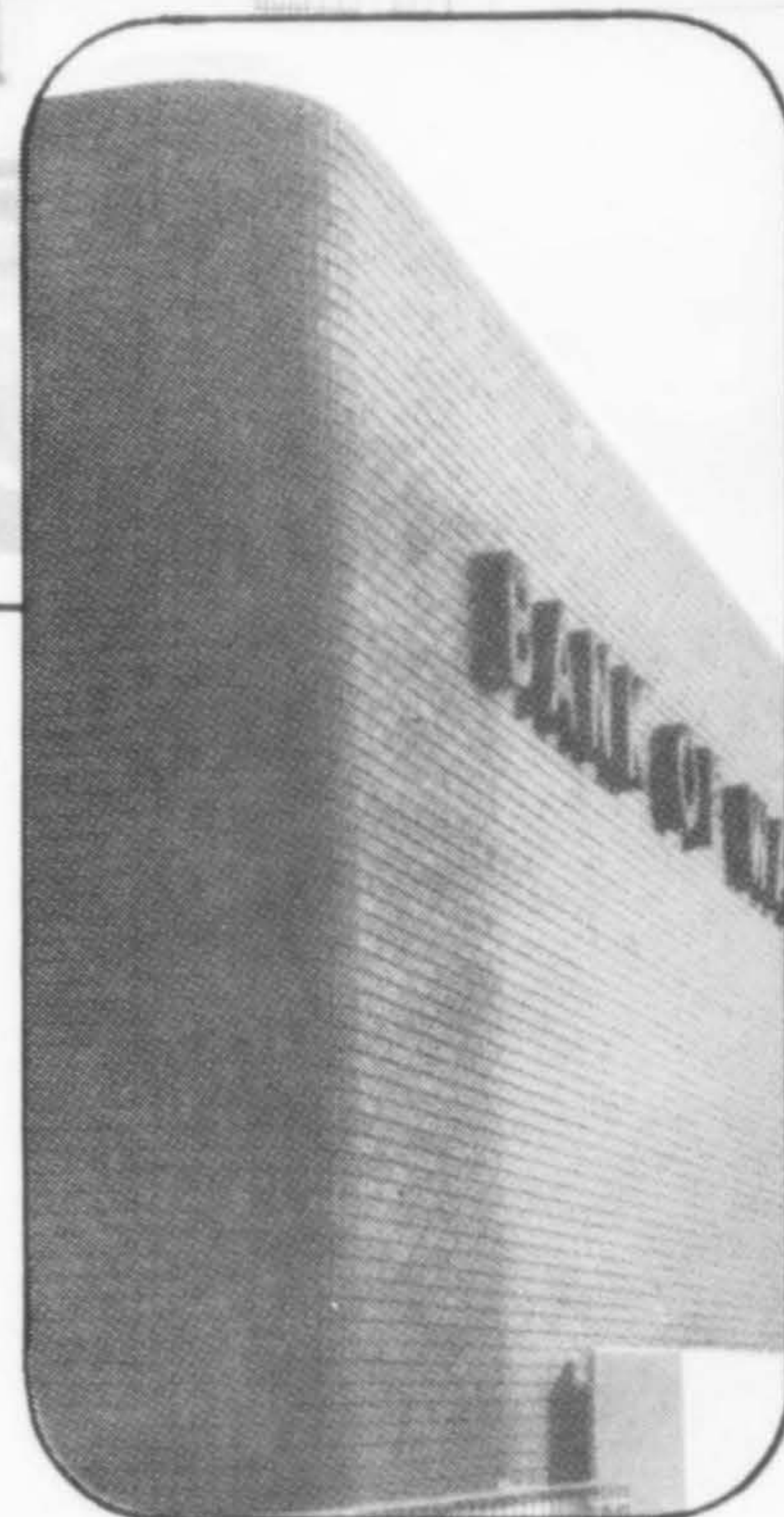


graphic and industrial designers in the Los Angeles office. Gary M. Considine, assistant director, will be in charge of the interior design group at the firm's Orange County headquarters in Corona del Mar.

□ T. Keith Dellaway, traffic engineering specialist, has joined the San Francisco division of Daniel, Mann, Johnson & Mendenhall.



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Discussing plans for the fourth annual Balanced Power Architectural scholarship contest, co-sponsored by the Southern California and Southern Counties Gas Companies, are vice-presidents of American Institute of Architects chapters in the area served by the gas companies, with representatives of the firms. Left to right: Rudolph De Chellis, San Fernando Valley district, Southern California chapter; Murton H. Willson, Orange County chapter; F. K. Murray, Southern California Gas Company; Jean Driskel, Pasadena chapter; Carl Maston, Southern California chapter; Edwin H. Ripperdan, Cabrillo chapter, and W. E. Nelson, Southern Counties Gas Company. The Scholarship committee of the AIA administers the grant.

Deaths

□ H. Abbott Lawrence, 61, Portland architect, died December 19 of a heart attack. A practicing architect in Oregon since 1933, he was, at the time of his death, a consultant with the firm of Newberry & Schuette, Architects, and was president-elect of the Oregon Building Congress. He was the son of the founder of the University of Oregon School of Architecture, from which he was graduated. He founded his own firm, Law-

rence, Tucker & Wallmann after World War II and the firm began the building program at the University of Oregon, designed the Erb Memorial Student Union, and Carson Hall. Other structures included the University of Oregon Medical School and the Portland Zoo.

□ Robert D. Farquhar, FAIA, 95, Los Angeles dean of the California architects, died in December. He had been a member of the American Institute of Architects since 1912.

New addresses

WILLIAM C. WAGNER—1810 Fair Oaks Ave., South Pasadena, from Los Angeles.

CHARLES D. HALL—3014 17th St. West, Billings, Montana.

CAMPBELL ALDEN SCOTT—2255 S. Monroe, Denver.

RONALD E. HULBERT—4803 Apple, Lacey, Wash.

PAT PORCARELL & ASSOCIATES—328 E. Willetta, Phoenix.

MAY & McELHINNEY—941 Hedding, San Jose, Calif.

SMITH & THORSON, ARCHITECTS—3804 E. Quincy Ave., Englewood, Colo., from Denver.

DONALD SCHOELL—3230 Fifth Ave., San Diego, from Del Mar, Calif.

FRED T. HIFUMI—250 E. First St., Los Angeles.

WILLSON & WILLIAMS, AIA—Ground Floor, 2855 E. Coast Highway, Corona Del Mar, Calif.

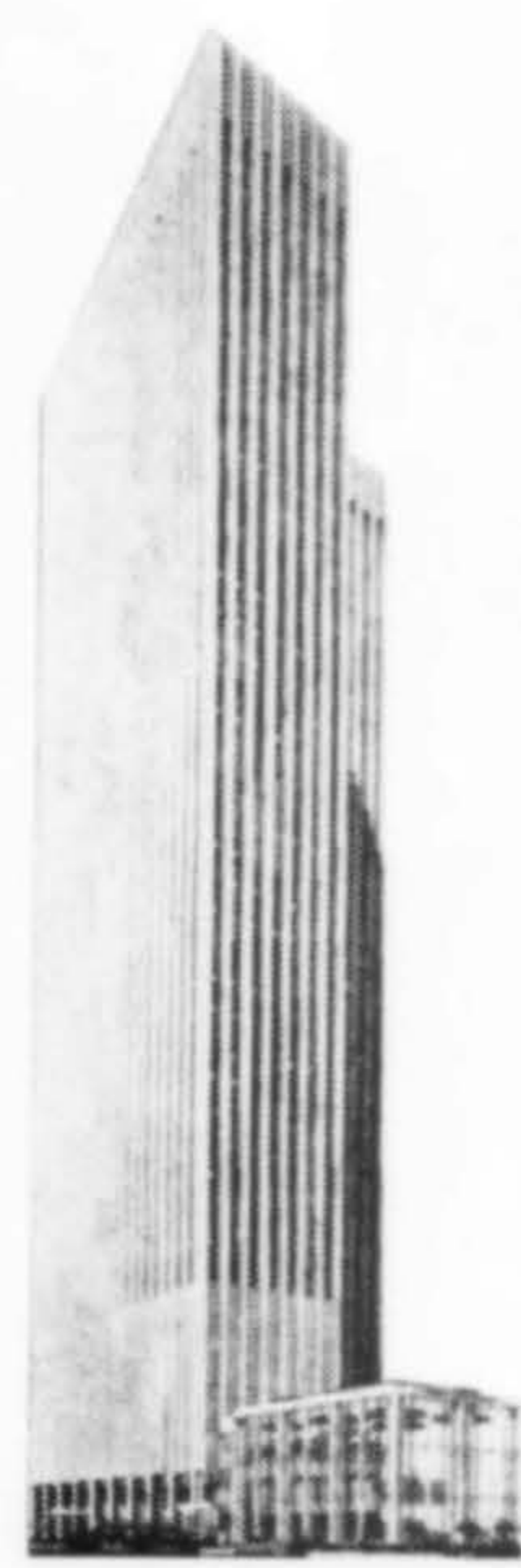
STANLEY M. BRENT, ARCHITECT, AIA—11950 San Vicente Blvd., Los Angeles.

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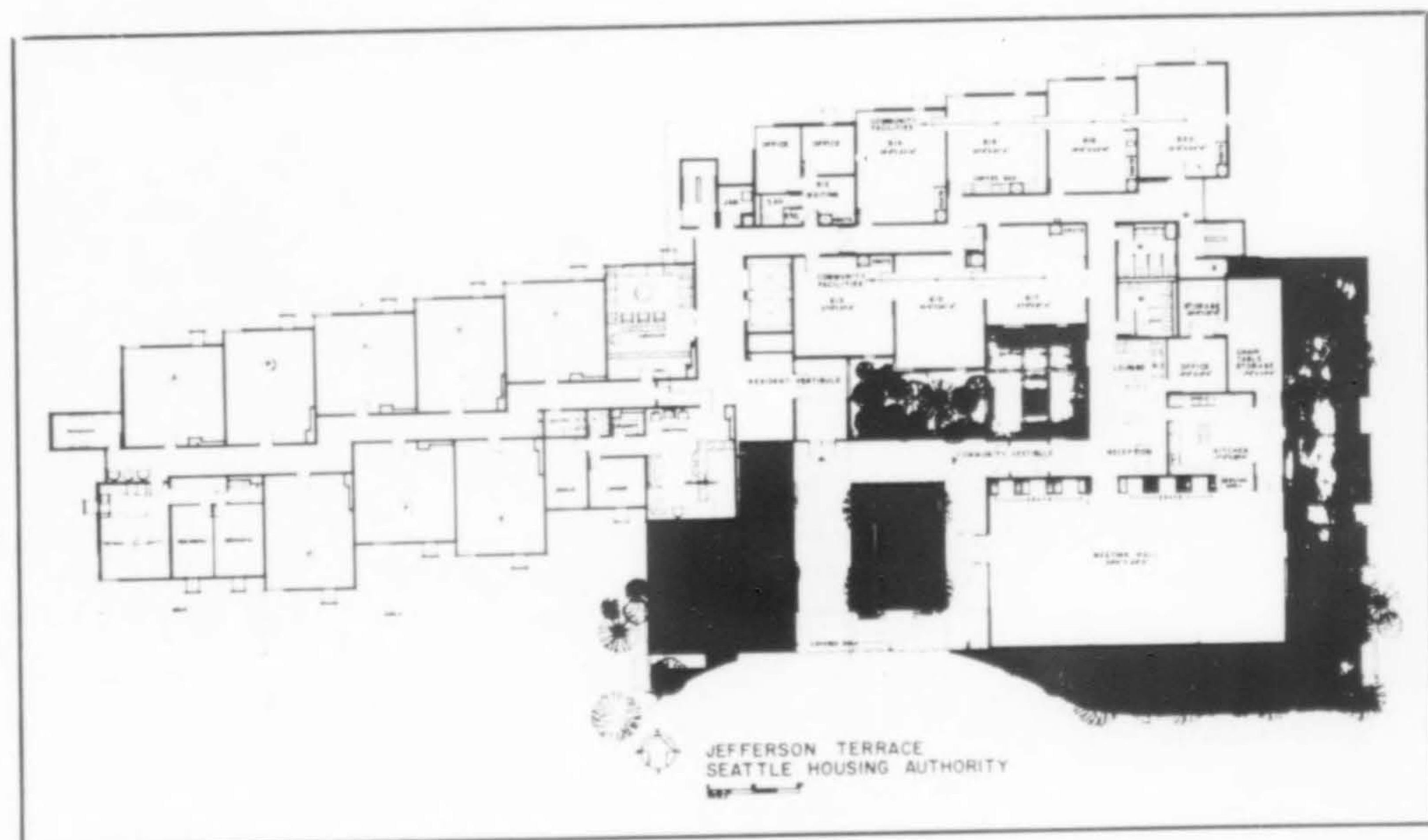
Pleasurable living for the elderly

JEFFERSON TERRACE APARTMENTS FOR THE ELDERLY | Seattle, Washington

SEATTLE HOUSING AUTHORITY | Owner

KIRK, WALLACE, MCKINLEY, AIA & ASSOCIATES | Architects

JOHN H. SELLEN CONSTRUCTION COMPANY | General Contractor



The architect's statement:

JEFFERSON TERRACE was conceived as a 300-unit, 17-story high-rise apartment structure and an adjoining community center for low income elderly persons. The building program provides 283 one-bedroom apartments and 17 two-bedroom units, with a central laundry facility, manager's offices, mail room and lounge spaces. The community center has a recreation-



PLEASURABLE LIVING FOR THE ELDERLY

meeting hall with kitchen, arts and crafts areas, and general purpose rooms, for use by the tenants and other elderly persons residing in the surrounding central area.

The building occupies a precipitous site on the west side of Seattle's First Hill, overlooking Puget Sound and the city. It is oriented east and west, longitudinally, on the site. The plan is arranged in a series of undulations which provide all rooms with corner windows, permitting a vista of the mountains and the bay. To take advantage of the site, the first five stories of the apartment are single-loaded on the north side of the corridors, with the apartments double-loaded from the sixth through the 17th floors. Care was taken to avoid long, straight, institutional corridors. Windows in the corridor system, which corresponds with the building undulations, provide vistas at terminations.

Each apartment unit (approximately 440 sq. ft. per one-bedroom unit) is well below the maximum area permitted by public housing standards, although each is planned for possible use by persons con-

fined to wheelchairs.

To confirm the design of space allotments and cupboard arrangements, etc., a complete prototype duplex was constructed by the Housing Authority to carefully analyze all areas prior to the erection of the high-rise structure.

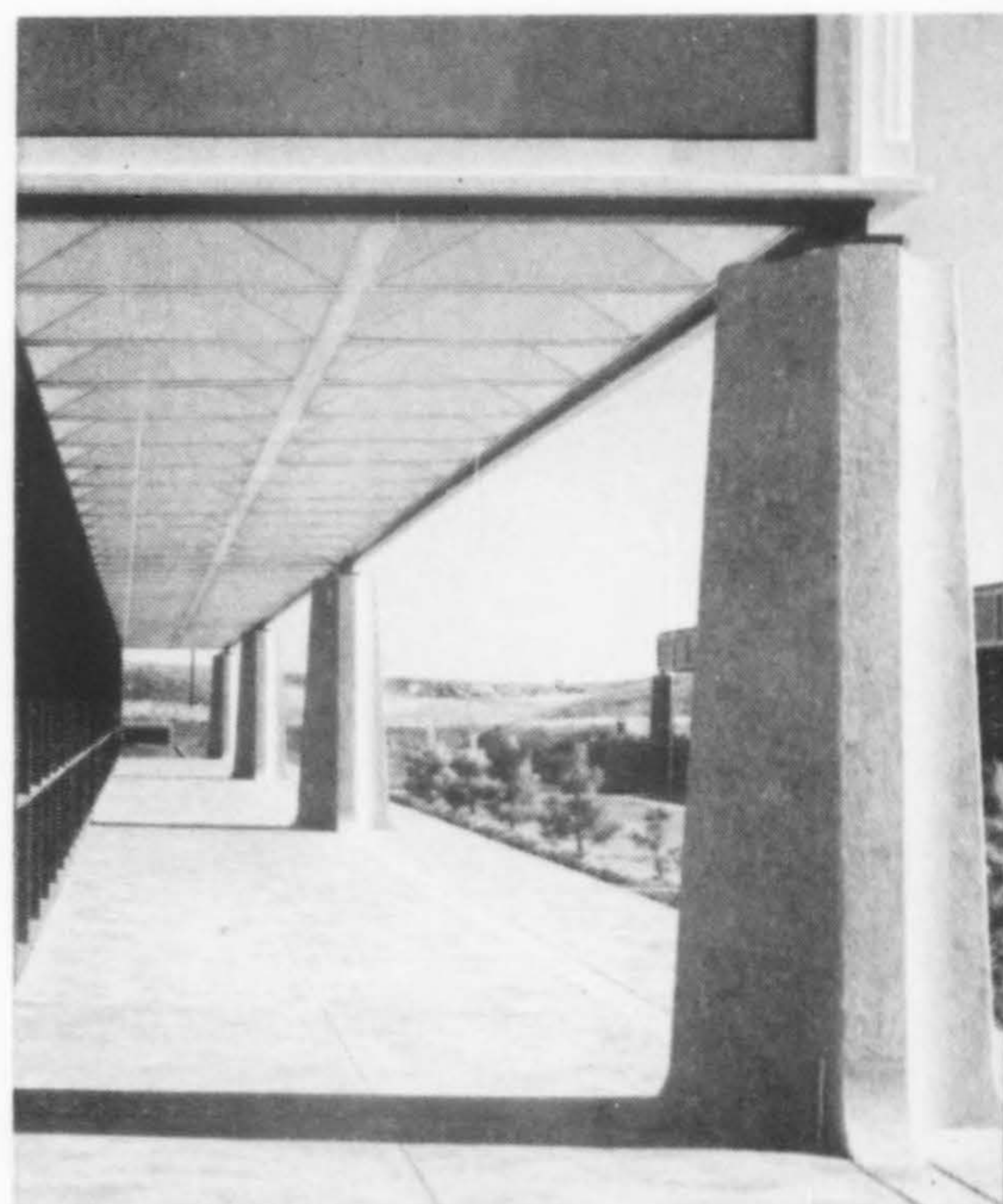
The reinforced concrete building has six-inch bearing walls enclosing each unit. Interior surfaces of concrete are painted "skim-coat" plaster. The exterior textured concrete surfaces are silicone damp-proofed. All areas are heated by hot water, fin-tube radiation. The construction cost of \$3.5 million was \$20,000 below the allowable budget established by the Housing Assistance Administration, and included all site work and landscaping.

The Seattle Chapter of the American Institute of Architects cited this building with an honor award in the 1967 honors program.

Consultants were: Skilling, Helle, Christiansen & Robertson, structural; Benjamin S. Notkin & Associates, mechanical; Thomas E. Sparling & Associates, electrical; Richard Haag Associates, Inc., landscape.

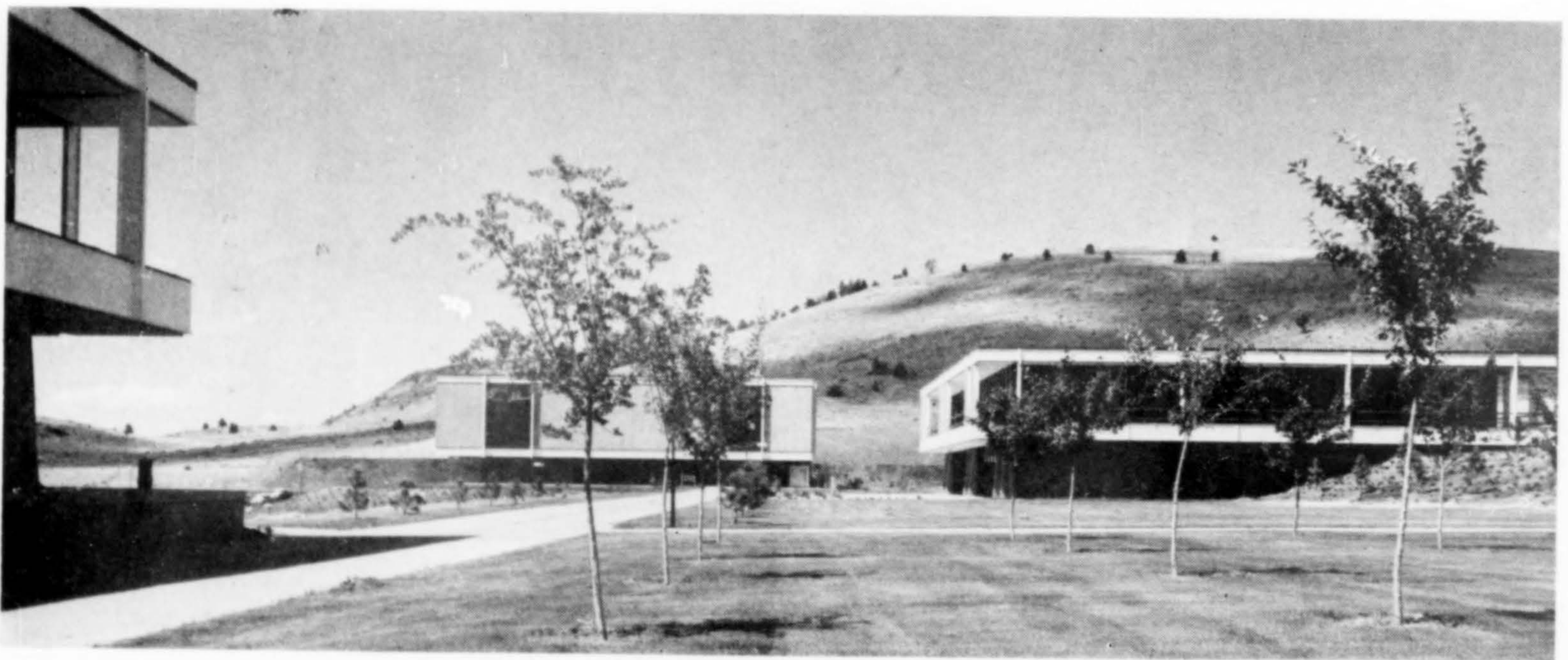
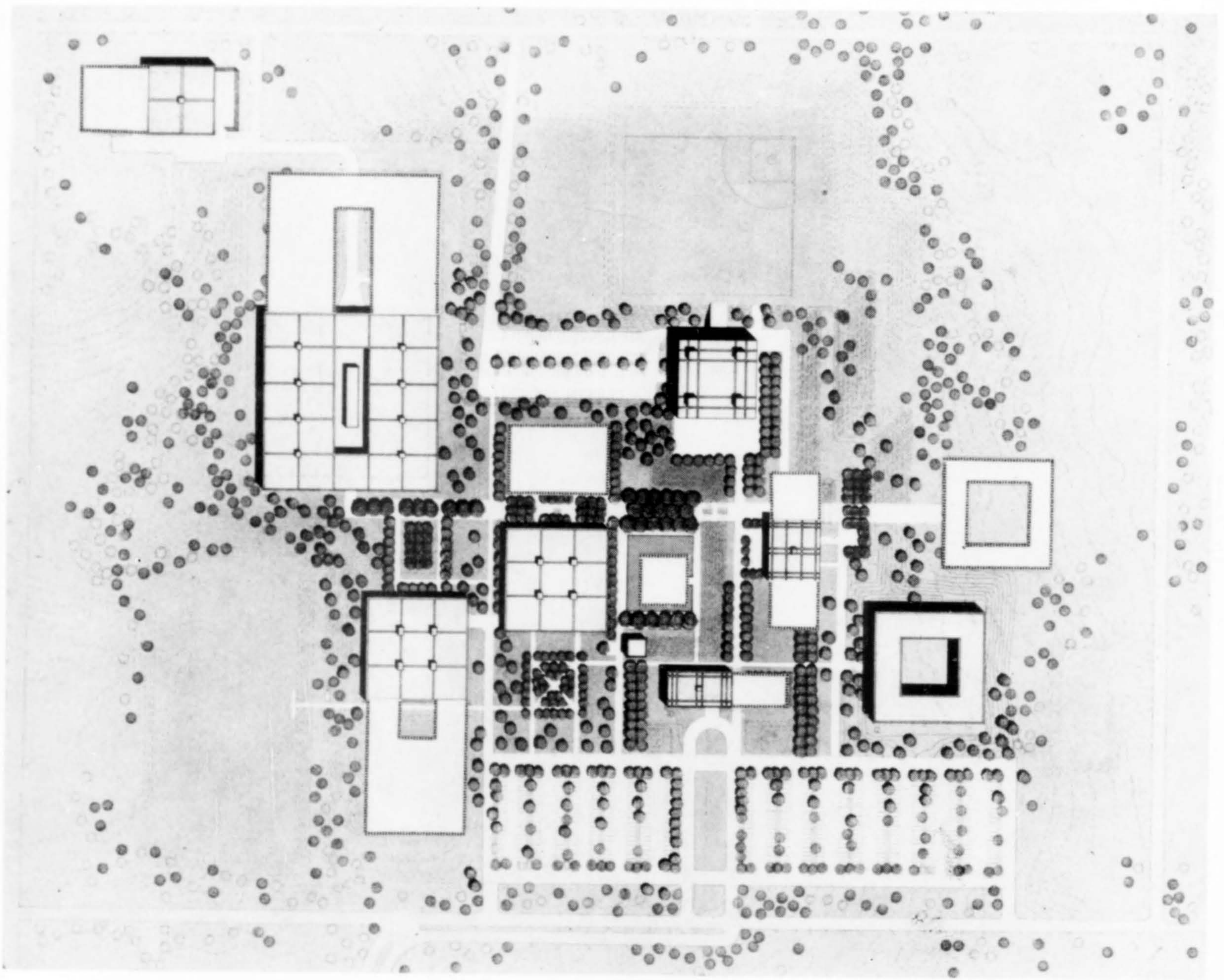


Technical
campus
in
sagebrush
country



OREGON TECHNICAL INSTITUTE, Klamath Falls, Oregon
SKIDMORE, OWINGS & MERRILL, Architects

TODD BUILDING COMPANY, General Contractor, Phase I
ANDERSON CONSTRUCTION - SHIELDS CONSTRUCTION COMPANY, joint venture, Phase II
H. HALVORSON, INC., Phase III
COOPER & ROSE' & ASSOCIATES, Structural

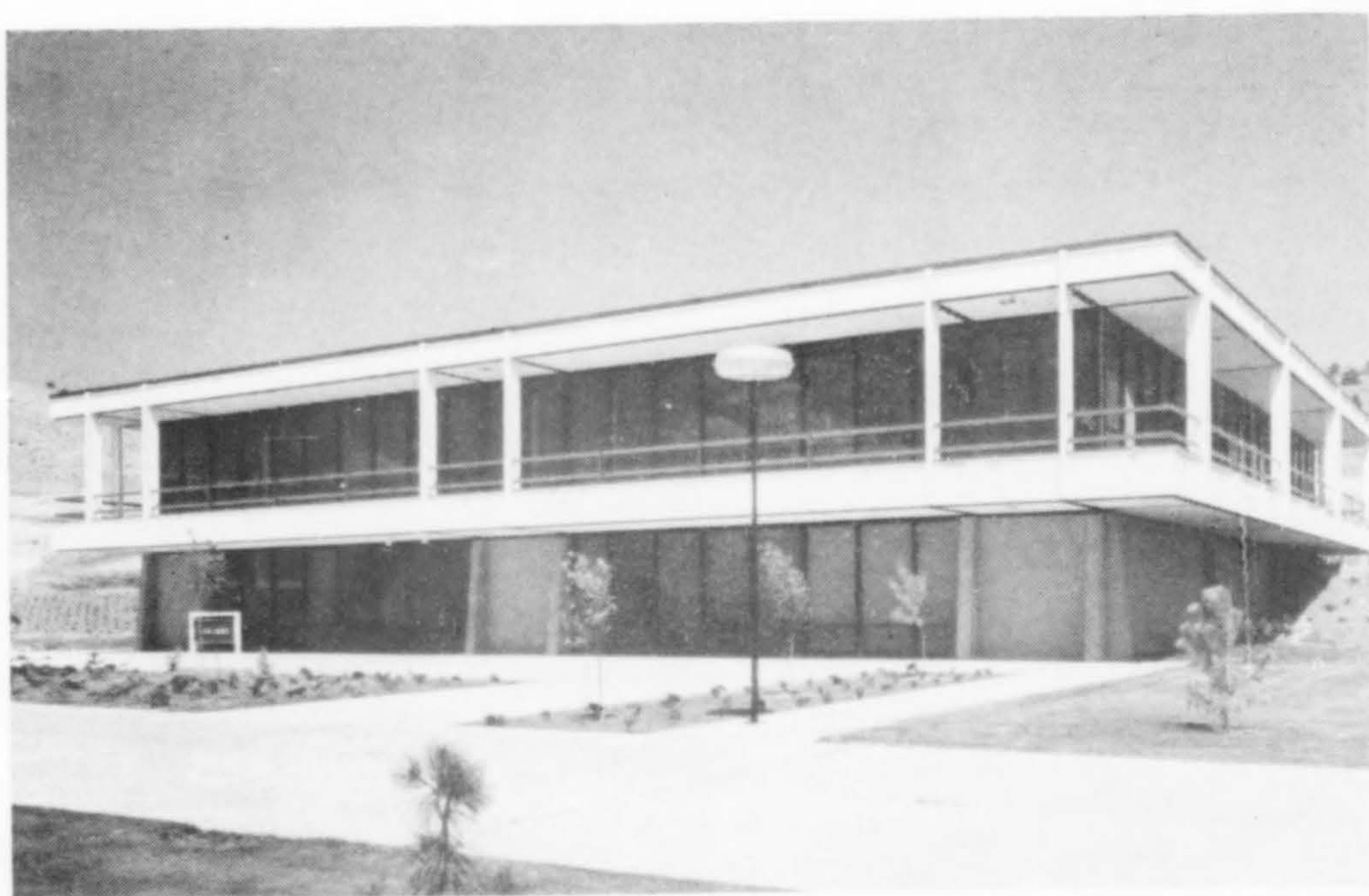
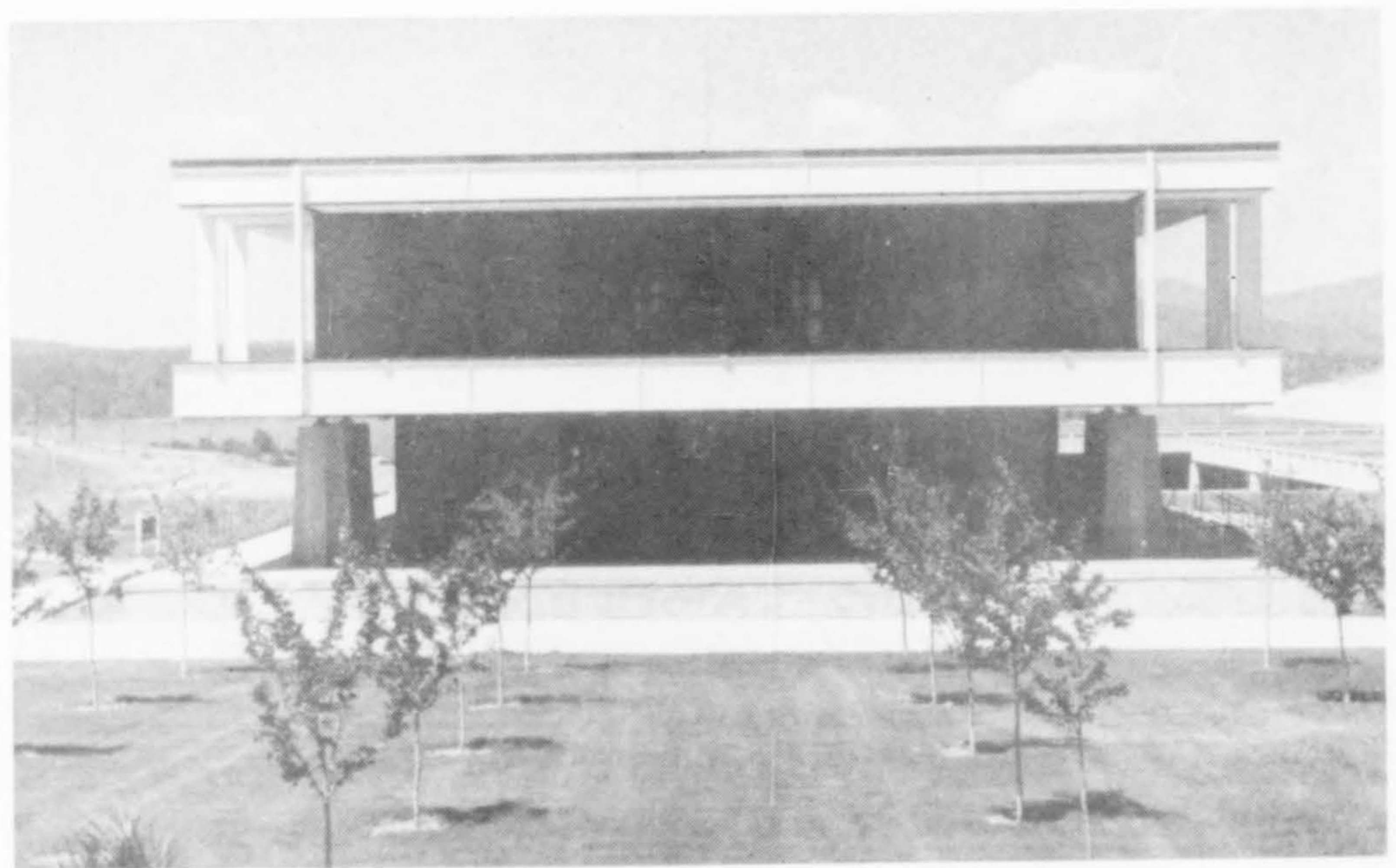


Technical
campus
in
sagebrush
country

THE NEW Oregon Technical Institute campus is located approximately one mile north of the center of Klamath Falls on a westward sloping site overlooking the lower end of Klamath Lake. There is a little natural vegetation except for sagebrush and sheep grass. The semi-arid climate has an average summer temperature of 85° with a maximum of 120°, a winter average of 20° with the minimum low minus 25°.

The initial campus was designed for an average student body of 800 and, under the master plan, can be expanded to 1600 students without altering the concept of the original plan. Structures are of concrete and steel construction.

OSI is a two-year accredited college teaching basic college courses for science-based students and the technical courses required for certification in medical, auto-diesel, business, engineering and metallurgical technologies.



Edmund Y. Lee photos



Community & Convention Center, Fresno, California



City Hall, Watsonville, California



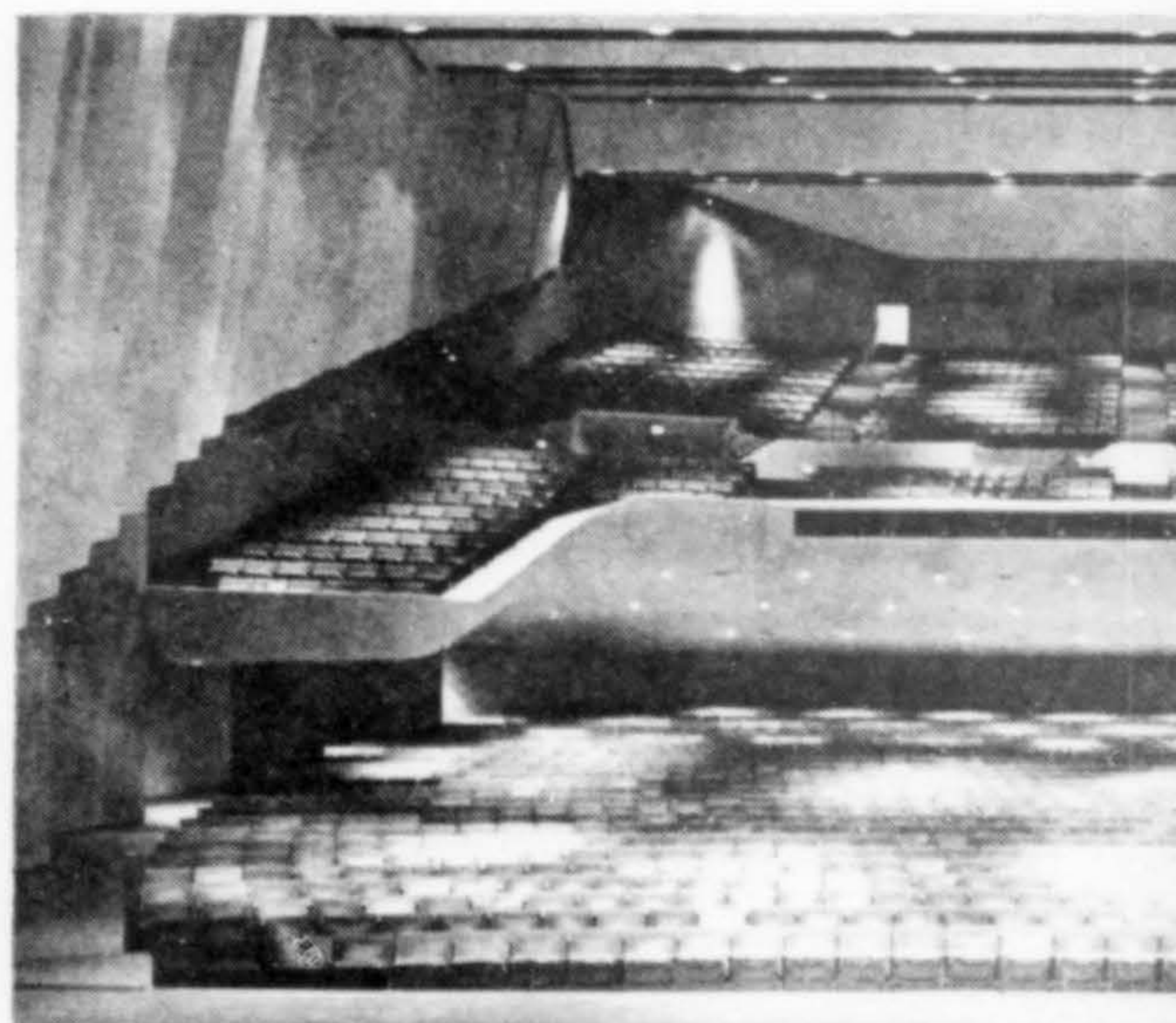
3

public buildings

COMMUNITY and CONVENTION
ADRIAN WILSON ASSOCIATES and ROBERT
HUBER, HUNT & NICHOLS, General Contractor

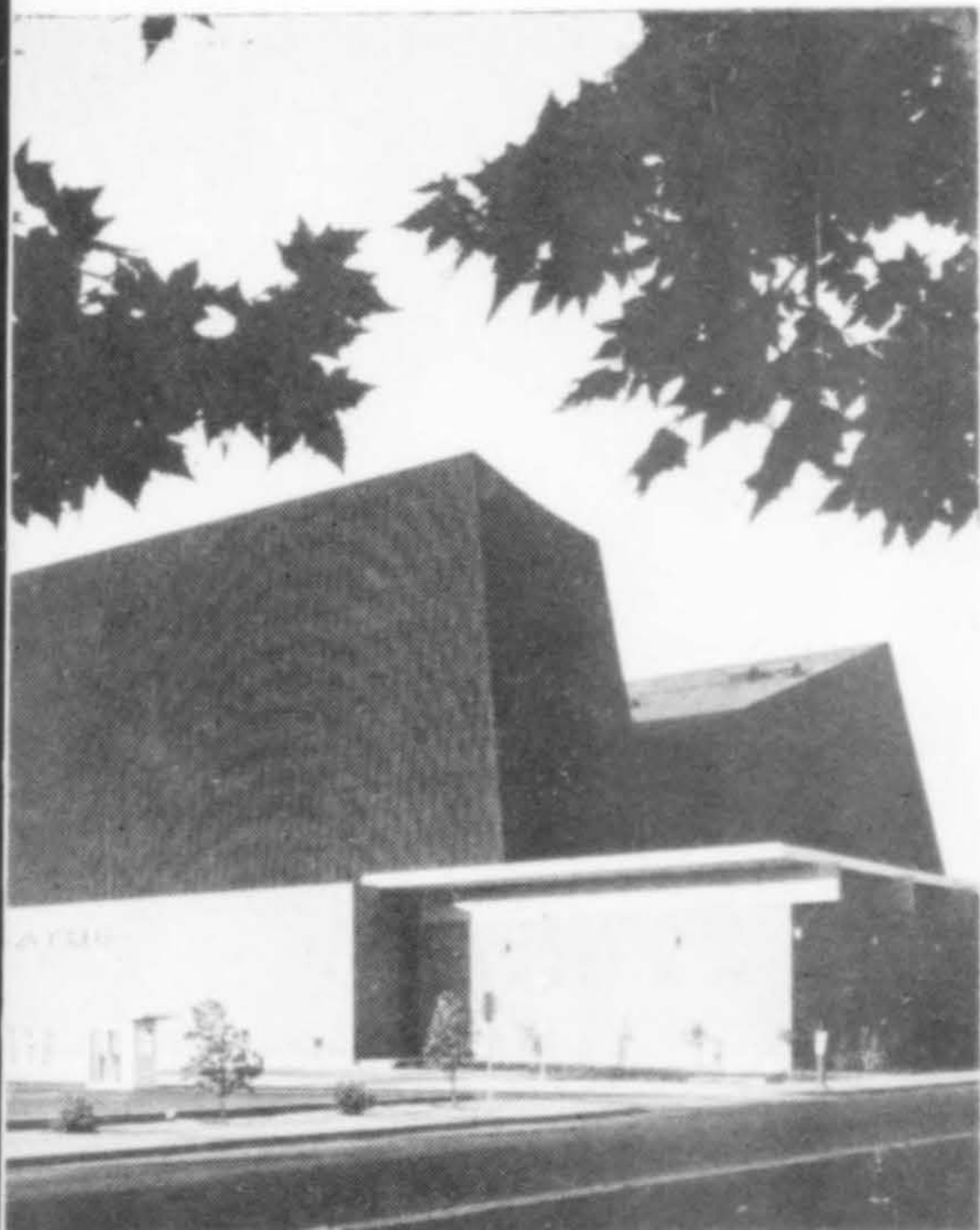


City Hall, El Centro, California





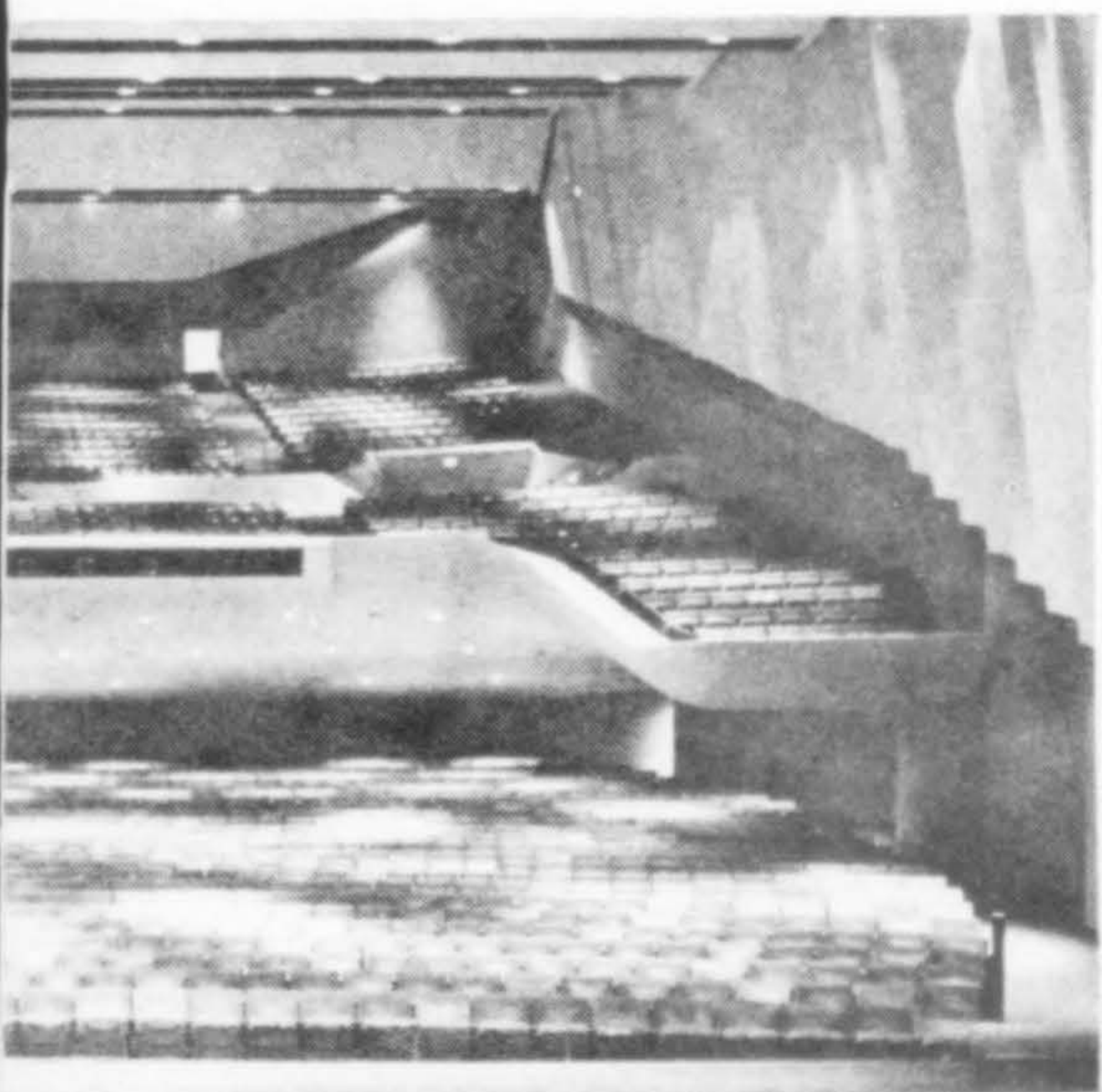
Duane C. Alan photos



THE CITY of Fresno, already acclaimed nationally for its progressive spirit, is enjoying another step forward in urban progress. Its recently completed \$10.5 million community and convention center is one of the few complexes in the country combining multi-uses in separate structures. The three buildings are situated on a four-city-block site near the business district. On one side of the 32,000 sq. ft. Exhibition Hall is the arena (seating capacity, 7,500), and on the other, the 2,360 seat theater. The unity of design of the three buildings with such diverse functions has been achieved with the coordination of materials and the

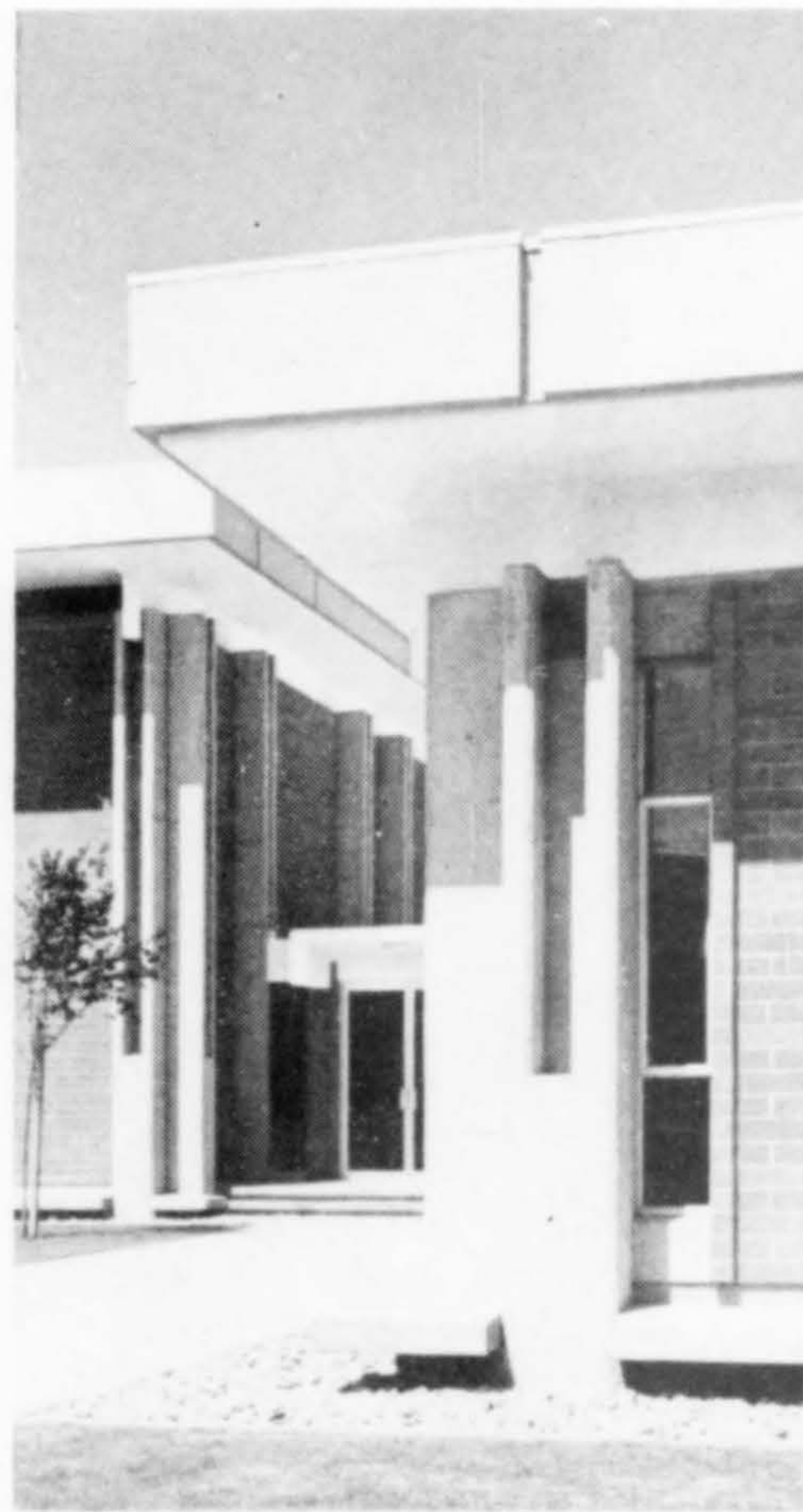
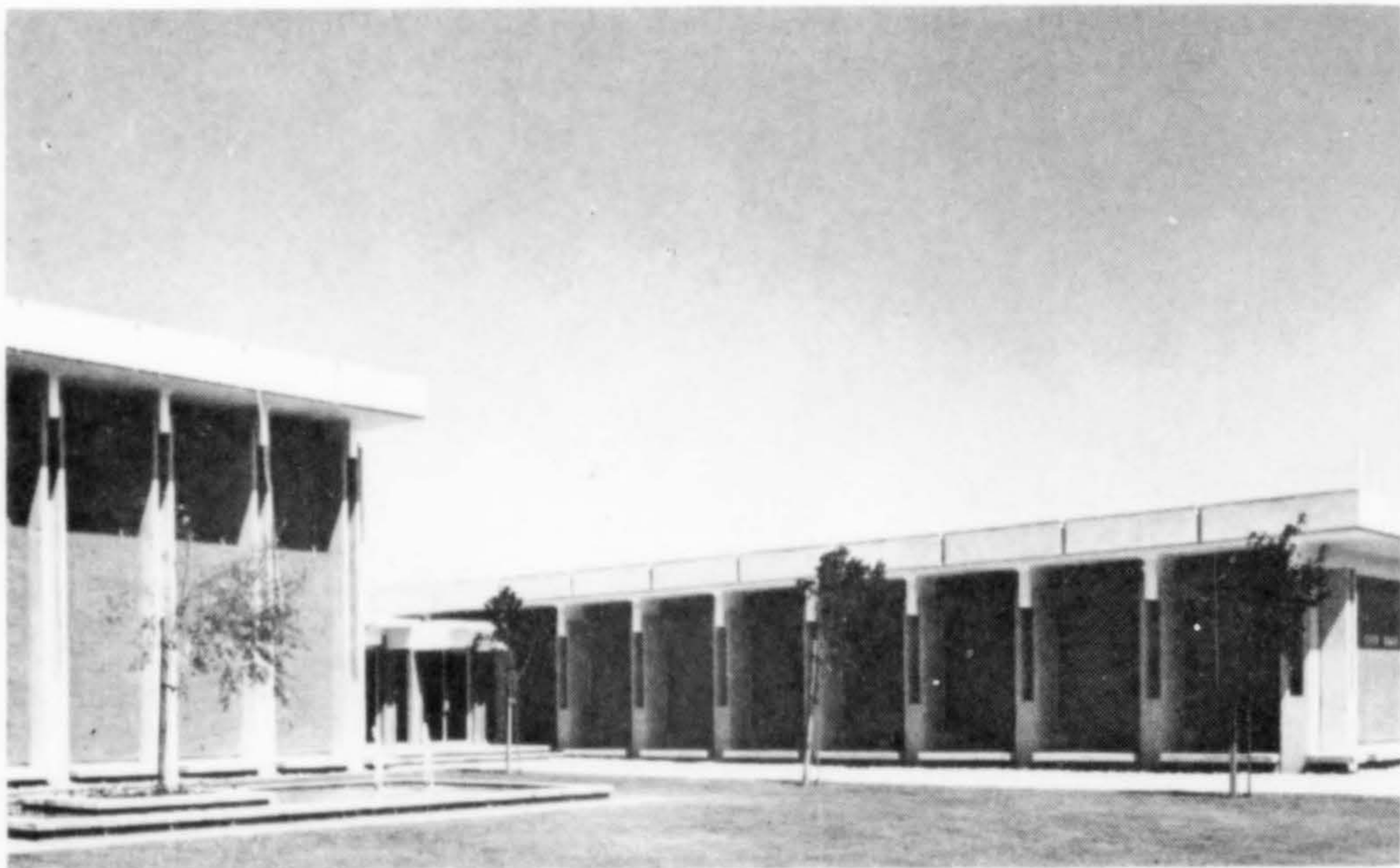
CENTER, Fresno, California

STEVENS ASSOCIATES, Architects



methods of construction.

The upper portions of the structures are framed in steel and are clad in the same pattern of cold rolled steel siding, executed in unpainted COR-TEN. Similar steel trusses are used to span the major assembly spaces of each building. The 100,000 sq. ft. of siding is being allowed to assume its deep colored natural patina, up to 100-ft. high, to unify these elements. Filler walls, columns and other low exterior surfaces are of split faced concrete masonry units.

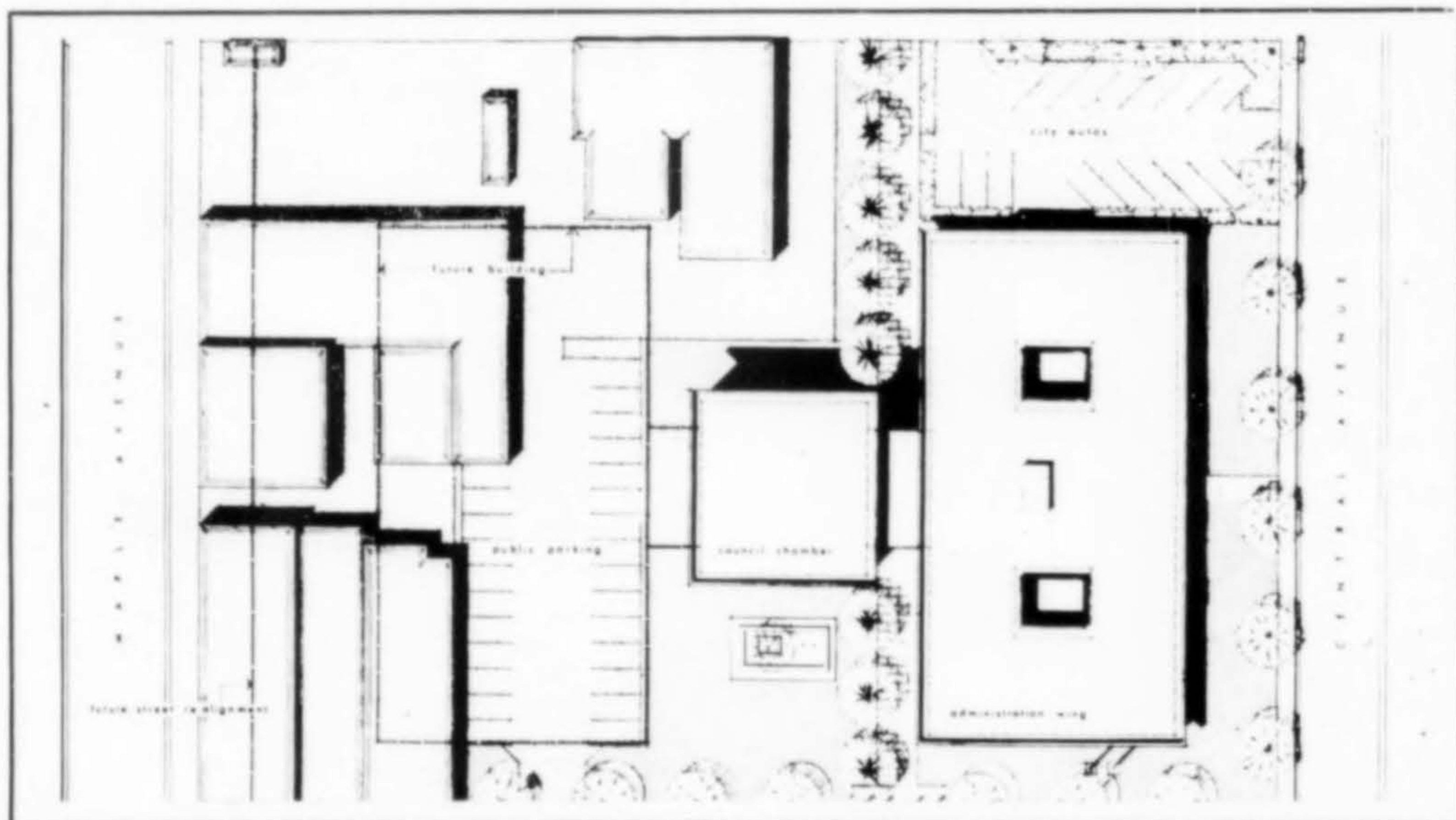


CITY HALL, Watsonville, California

ROBERT B. WONG, AIA, Architect

Donald Sandy, Jr., William W. Hedley, Jr., associated architects

ROSEWALL & SONS, Inc., General Contractor



THE WATSONVILLE City Hall does two things well: serves the public efficiently and is congruent with other downtown buildings. The prestressed concrete structure (cited in the 1966 Prestressed Concrete Institute program) has a circular council chamber, and administrative office wing. Offices are arranged around three landscaped garden courts. Prestressed concrete roof tee-beams provide 84-ft. of clear uninterrupted span.

Rutherford & Chekene were structural consultants.

EL CENTRO is a growing desert city of approximately 20,000 located in the center of Southern California's Imperial Valley. It has a typical desert climate with temperatures exceeding 100° every day during the summer months. Winter temperatures are normally in the 70s.

The new City Hall is sited on a city block, fronting on the Main Street and extending through to a major commercial street. Building cost, including site development, special equipment and built-ins, was \$452,100.

The City Hall was planned as two essentially separate buildings joined by the covered arcade and surrounding a landscaped court. It houses public services as well as the city administrative offices. General clerical areas were sized



CITY HALL, El Centro, California

BRYANT, JEHLE & ASSOCIATES, Architects-Engineers

for expansion to serve a doubled city population. Since City Council meetings are held at night and the Chambers are used for other meetings, it was required that they be operable without entry to the city offices. Both structures are essentially windowless in deference to summer heat gains.

The exterior building walls are tilt-up concrete faced with quartz aggregate. Arcade barrel shells are white concrete, precast on the job, and roofs are complete lightweight concrete slabs on steel framing.



2

libraries in the Southwest

WILMOT BRANCH LIBRARY, Tucson, Arizona

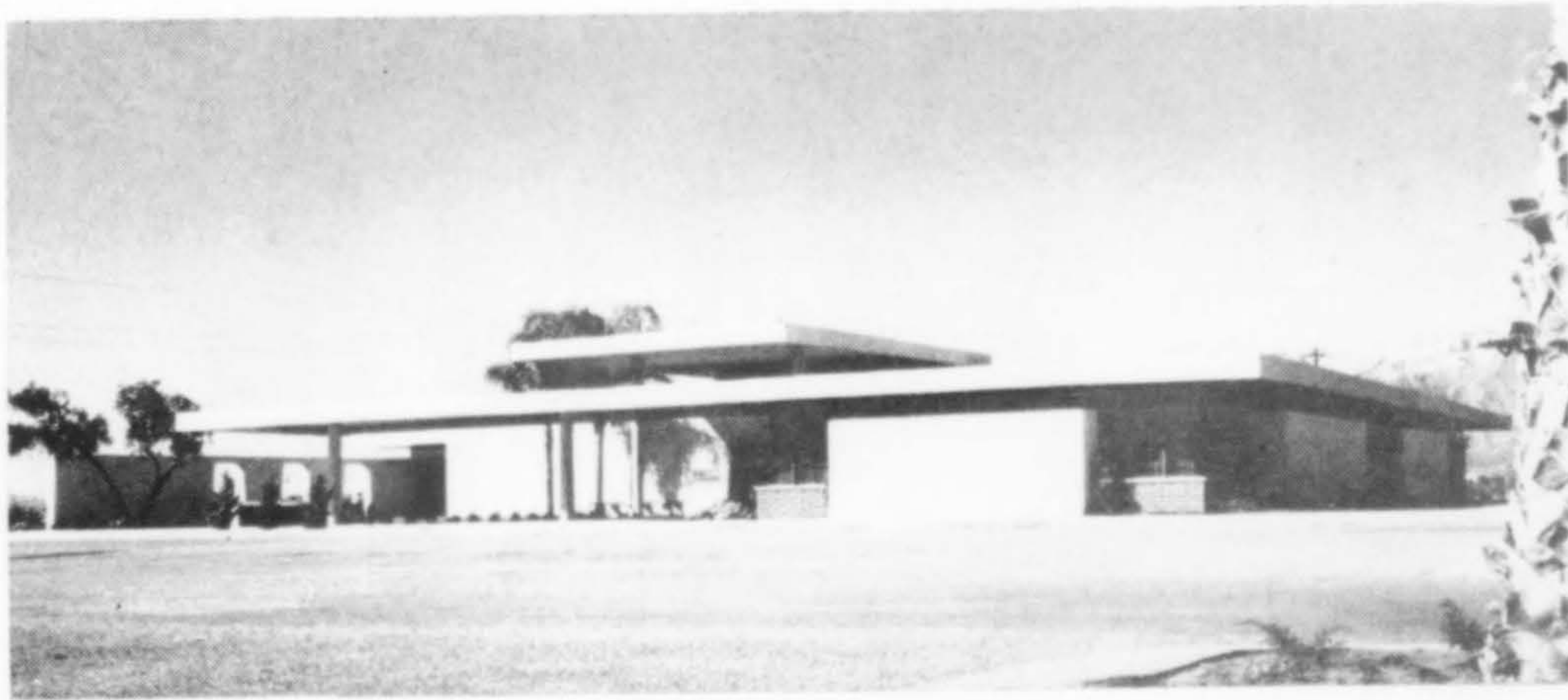
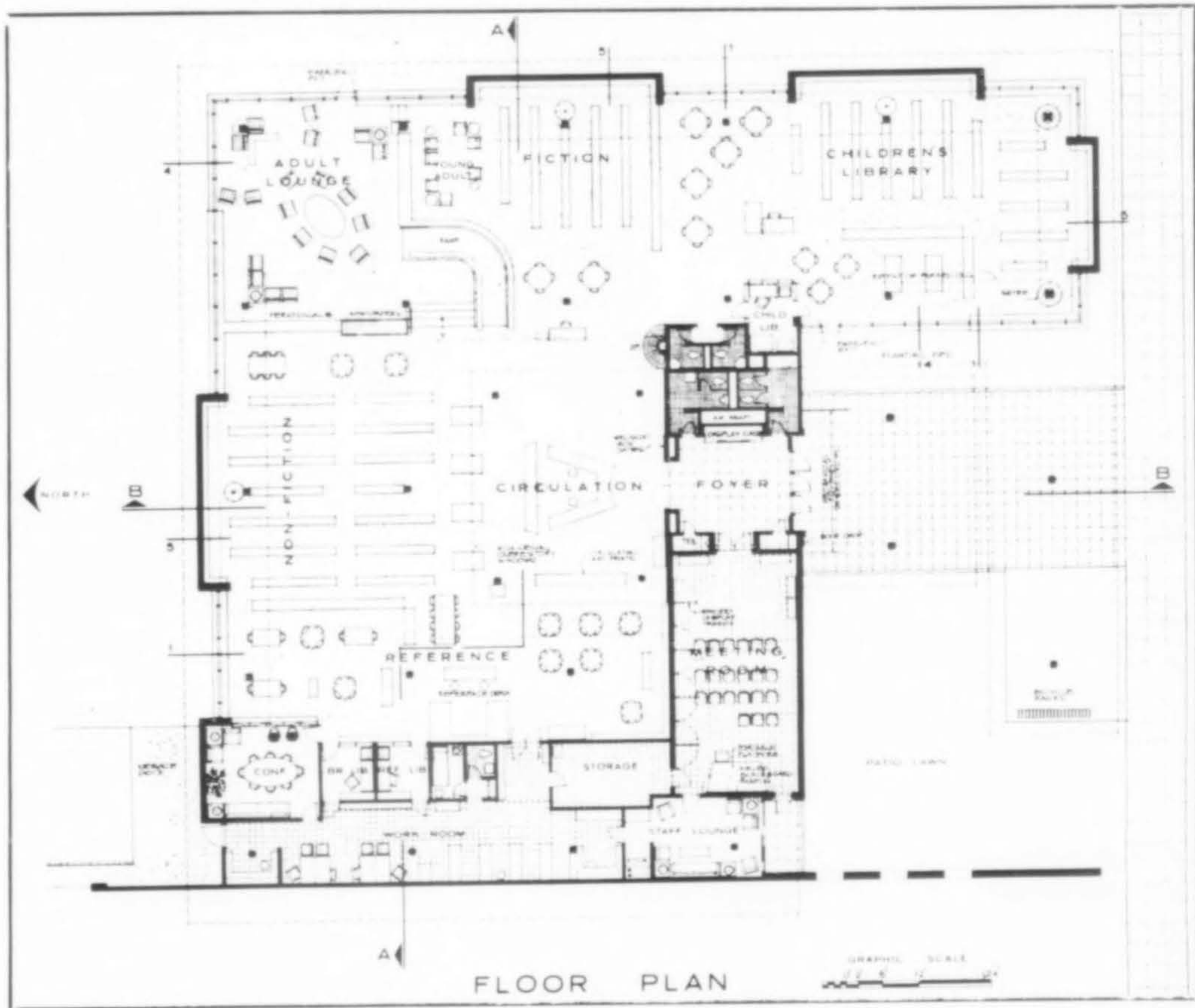
NICHOLAS SAKELLAR & ASSOCIATES, Architects

R. B. TAYLOR CONSTRUCTION COMPANY, General Contractor

THIS BRANCH library is a simple structure with a thin concrete plate roof bearing on 29 precast columns. Non-bearing walls of stuccoed concrete block and glass are placed independently underneath, as the function required. Within the immediate perimeter of this "floating" slab is suspended an acoustical ceiling with the space above a storage plenum of conditioned air. The building received a merit award in the 1966 AIA-American Library Association competition.

Consultants on the project were John K. Parsons, structural; John Paul Jones, mechanical; A. E. Magee, electrical.





Manley photos



SAN PEDRO BRANCH LIBRARY, Albuquerque, New Mexico

JOHN REED, Architect

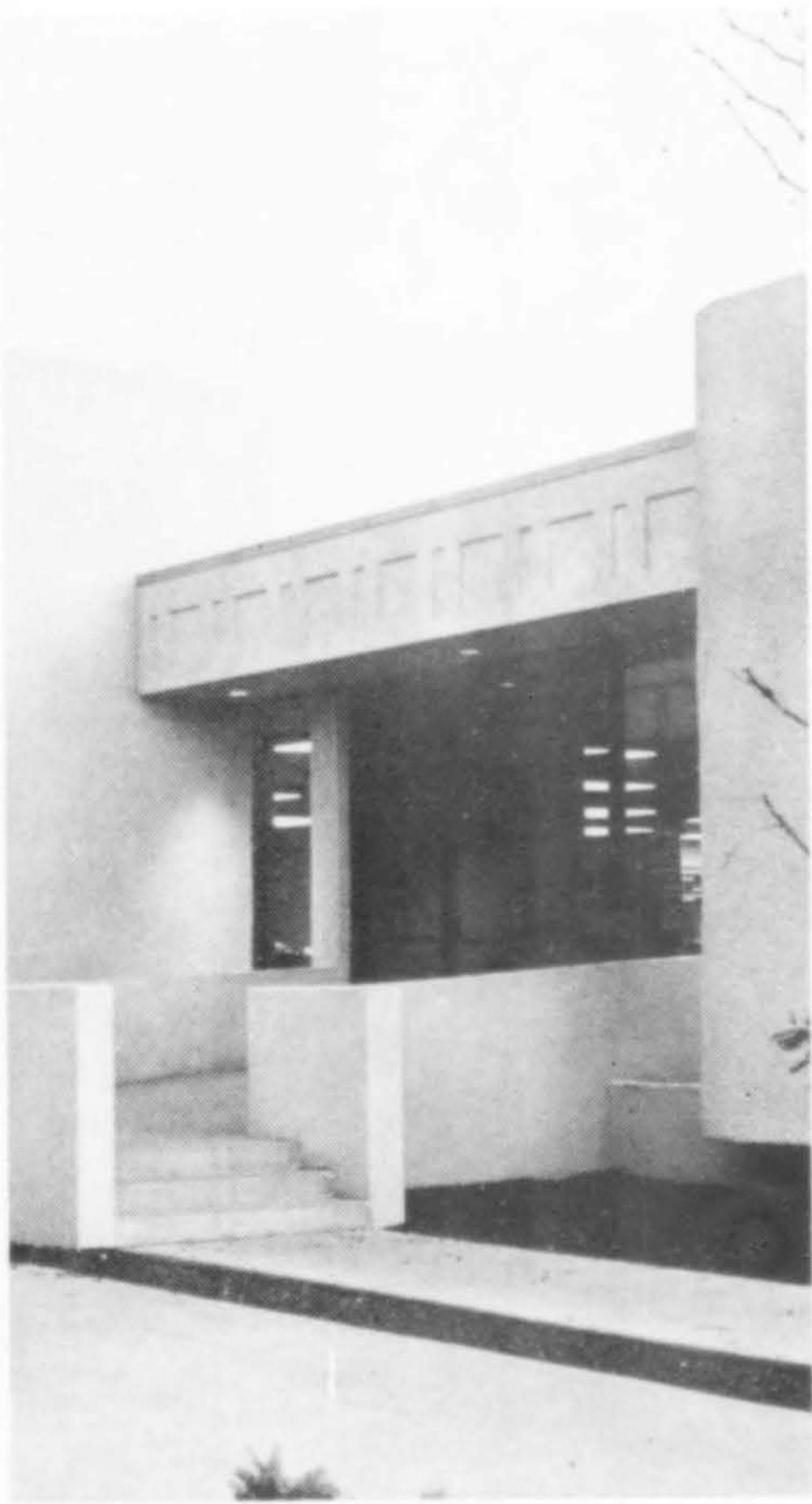
THIS SMALL branch library, while contemporary in character, reflects the region in which it is situated. The strongest control on the building's exterior appearance was the decision to use a minimum of glass while maintaining the visual importance of glass on the interior. Maintenance, long a problem in the city's branch libraries, furnished one of the principal reasons for the simple exterior treatment. Construction is load-bearing masonry walls with a Trus-Joist roof system and a slab floor on compacted fill. All exterior walls, inside and out, are sprayed with a heavily textured cementitious coating. The majority of the interior walls received the same treatment. Simple landscaping is achieved by a series



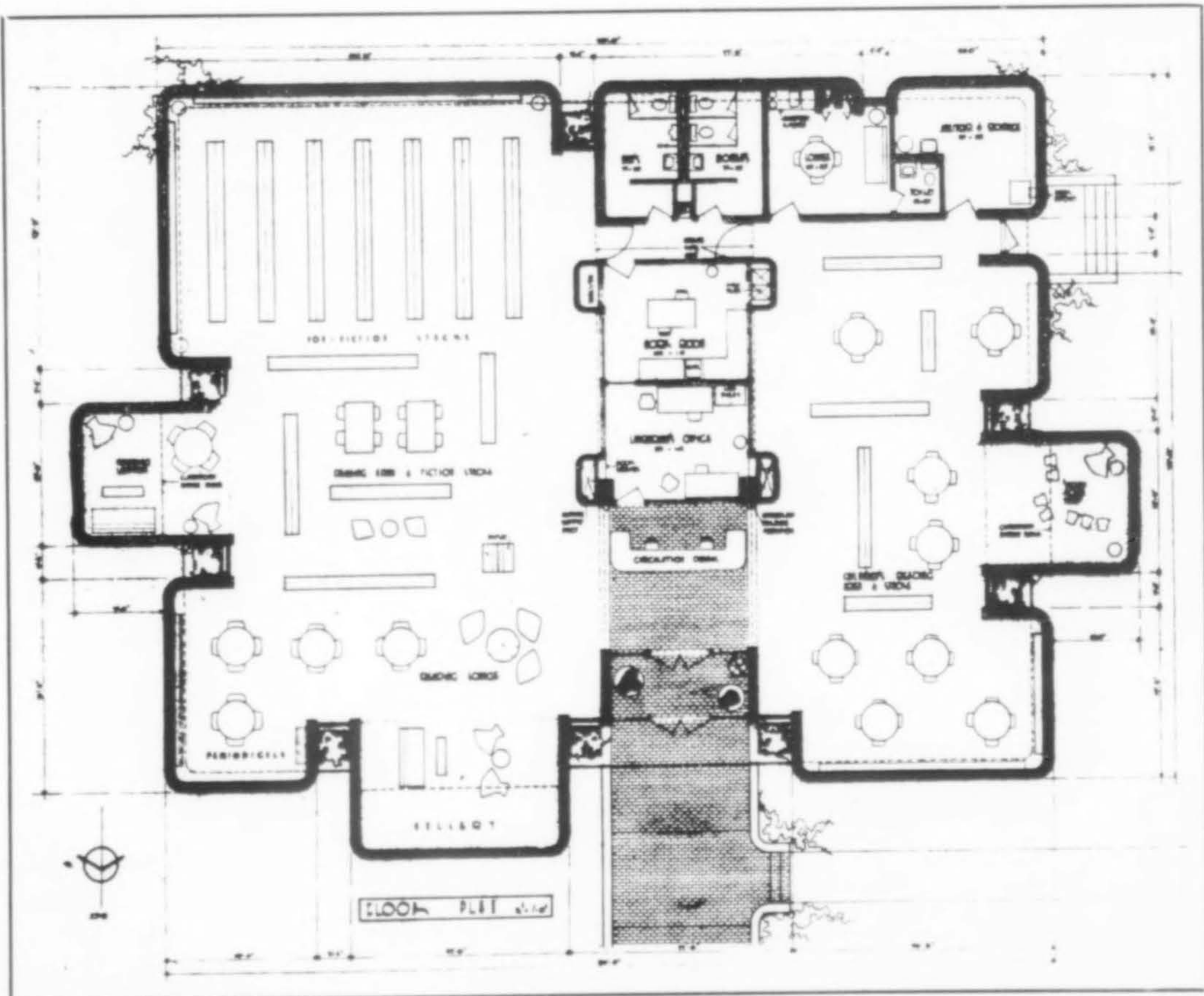
Dick Kent photo

of concrete slab islands with openings for plants and trees.

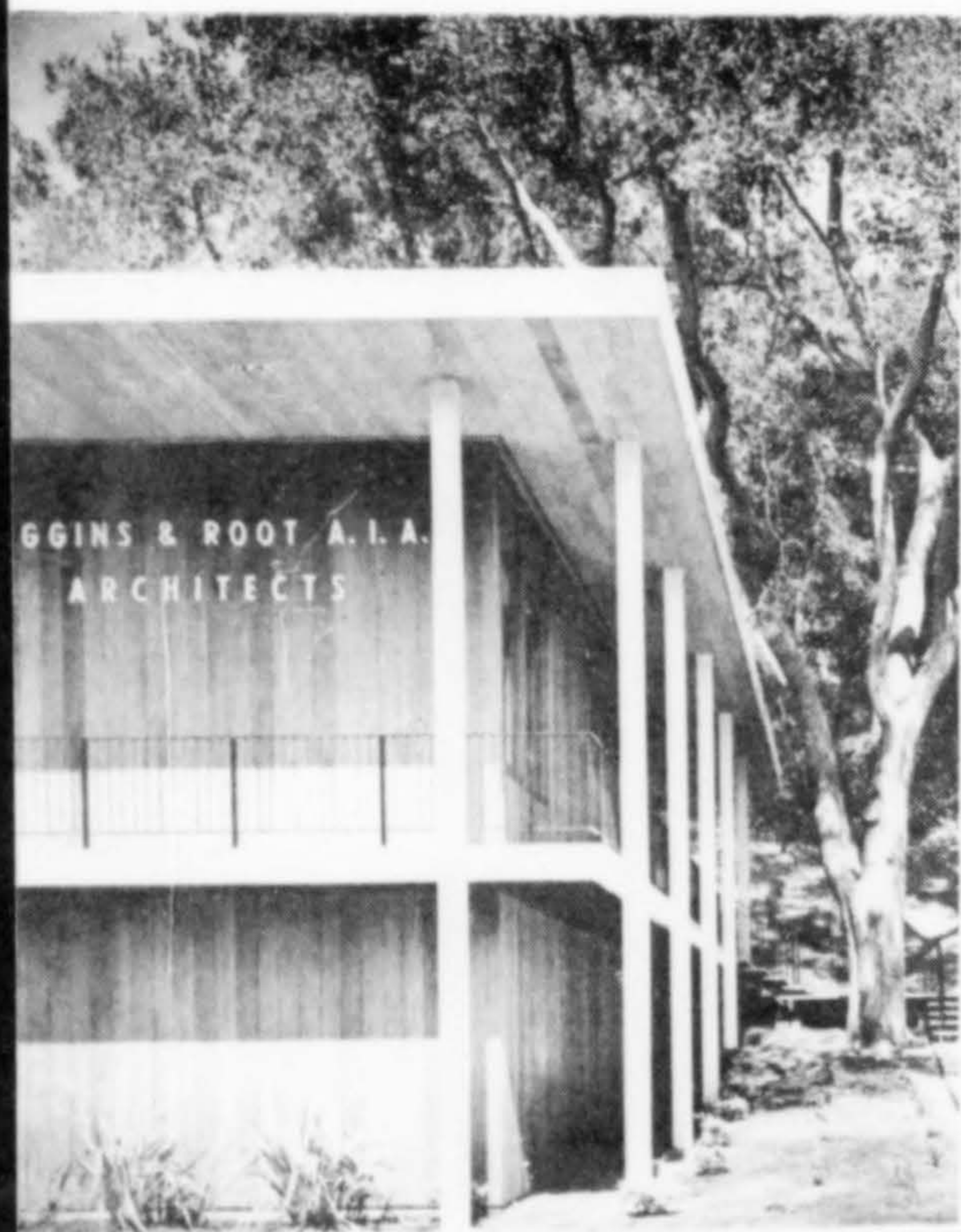
The ceiling height in the library is constant throughout except in the Story Hour (children's reading), the Gallery (adult lounge) and the Adult Reading Lounge. These areas have high ceilings to provide clerestory lighting. From the exterior the position of these rooms are easily identified. Designed to contain 25,000 volumes, the library has an initial allotment of 7,500 volumes. Construction cost was approximately \$108,000, exclusive of furnishings, carpeting and equipment. The project was accorded a First Honor Award in the Albuquerque Chapter, AIA, 1967 honors program.



Jerry Goffe photos except as noted



Where the architects hang their hats



HIGGINS & ROOT, Los Gatos, California



HIGGINS & ROOT, AIA, Architects and Planners, established in 1936, found themselves after 25 years in San Jose, forced to relocate their offices. Since work was regional, they chose a three and one-half acre site in suburban Los Gatos. The new building was sited on the hillside, in a small forest of oak trees. The main floor is on the upper level, overlooking a county park with a large lake.

The office was planned to allow for occasional community affairs, public service and organization meet-

ings. The building exterior is resawn redwood plywood in natural finish. The same plywood is repeated on the interior conference and office areas. The ground floor houses service facilities and will allow for future growth.

The firm was founded by William L. Higgins (San Jose State College, the University of Santa Clara and the University of California) and Chester Root, FAIA (AB, University of California 1926, M. Arch. Harvard, 1930). Seven associates have been with the firm for a number of years, spanning from seven to 20.



Another big one goes all-electric.

The all-electric concept has been accepted hundreds of times over, not only for hotels,

but for all types of commercial and industrial structures. The long list of well known compa-

nies that own and operate all-electric buildings grows longer every day.

Electric space conditioning systems save builders 30% to 50% in first cost and installation. In most cases, expensive stacks, flues and vents are elim-



inated, often saving the equivalent in space of whole floors. There's more freedom of design in all-electric buildings. Less room is required for the main space-conditioning plant. The result is a low first cost, low maintenance building with very

competitive per square foot operating costs. Add up all the advantages and savings. The all-electric building invariably has the lowest total annual cost.

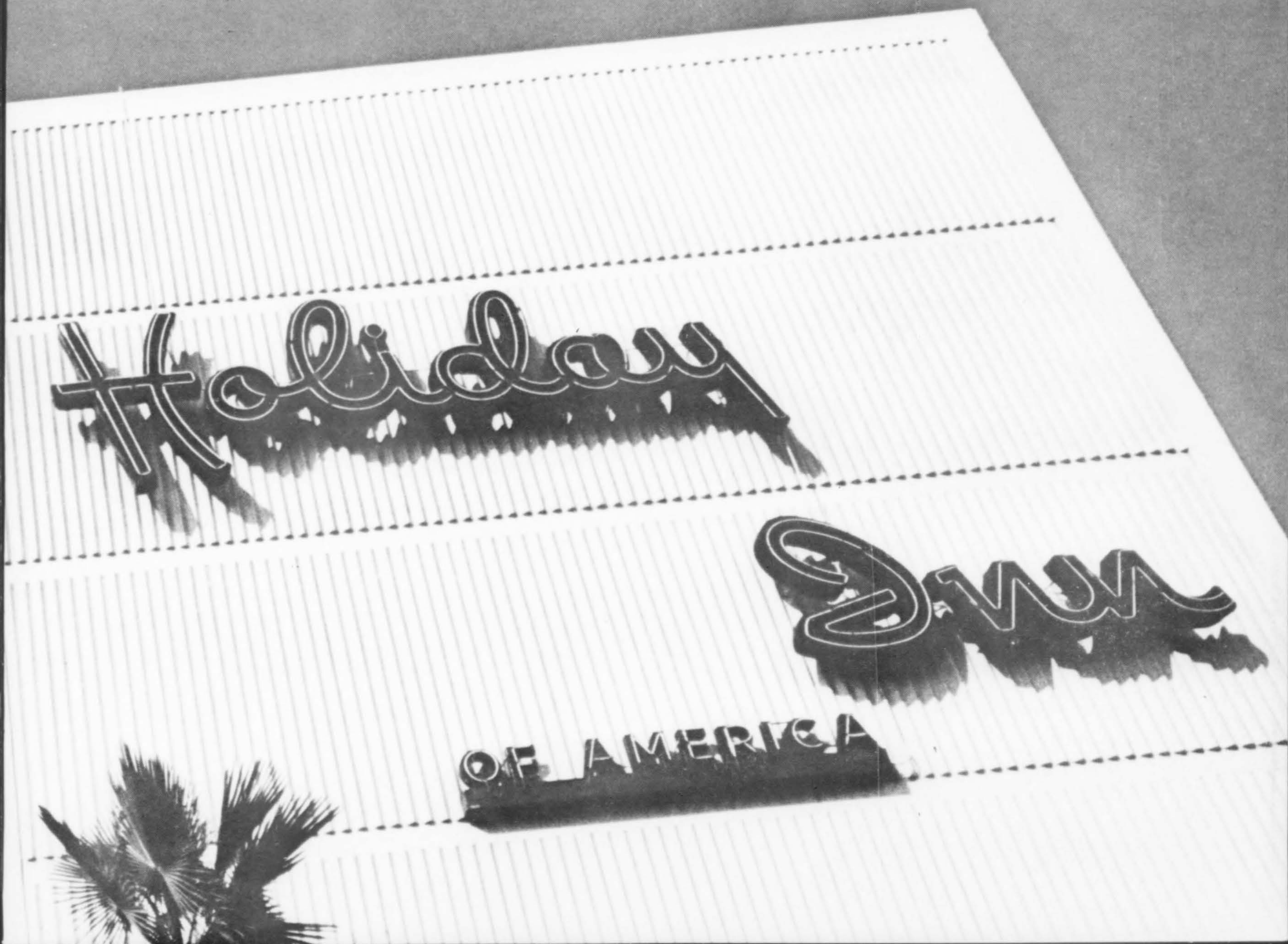
We have hundreds of case histories of all-electric buildings in Central and Southern Califor-

nia. Our Marketing Engineering Department will be glad to show you how to apply the all-electric concept to your project for remarkable savings. Write: Marketing Engineering, Box 62, Terminal Annex, Los Angeles, California 90051.

SCE

Southern California Edison

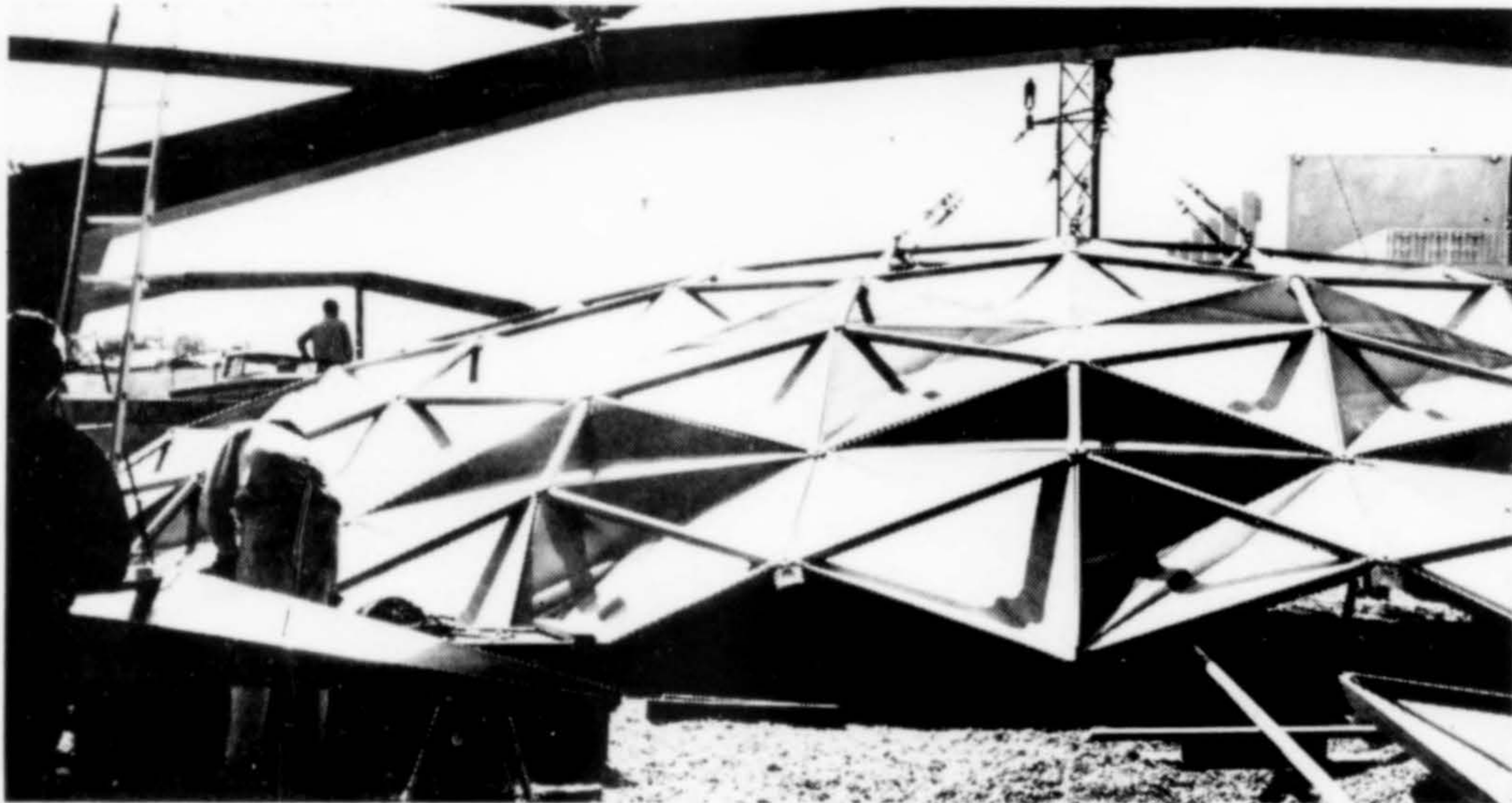
Holiday Inn, Montebello.





Rings which support the aluminum geodesic domes are in place and the first of six domes is being erected.

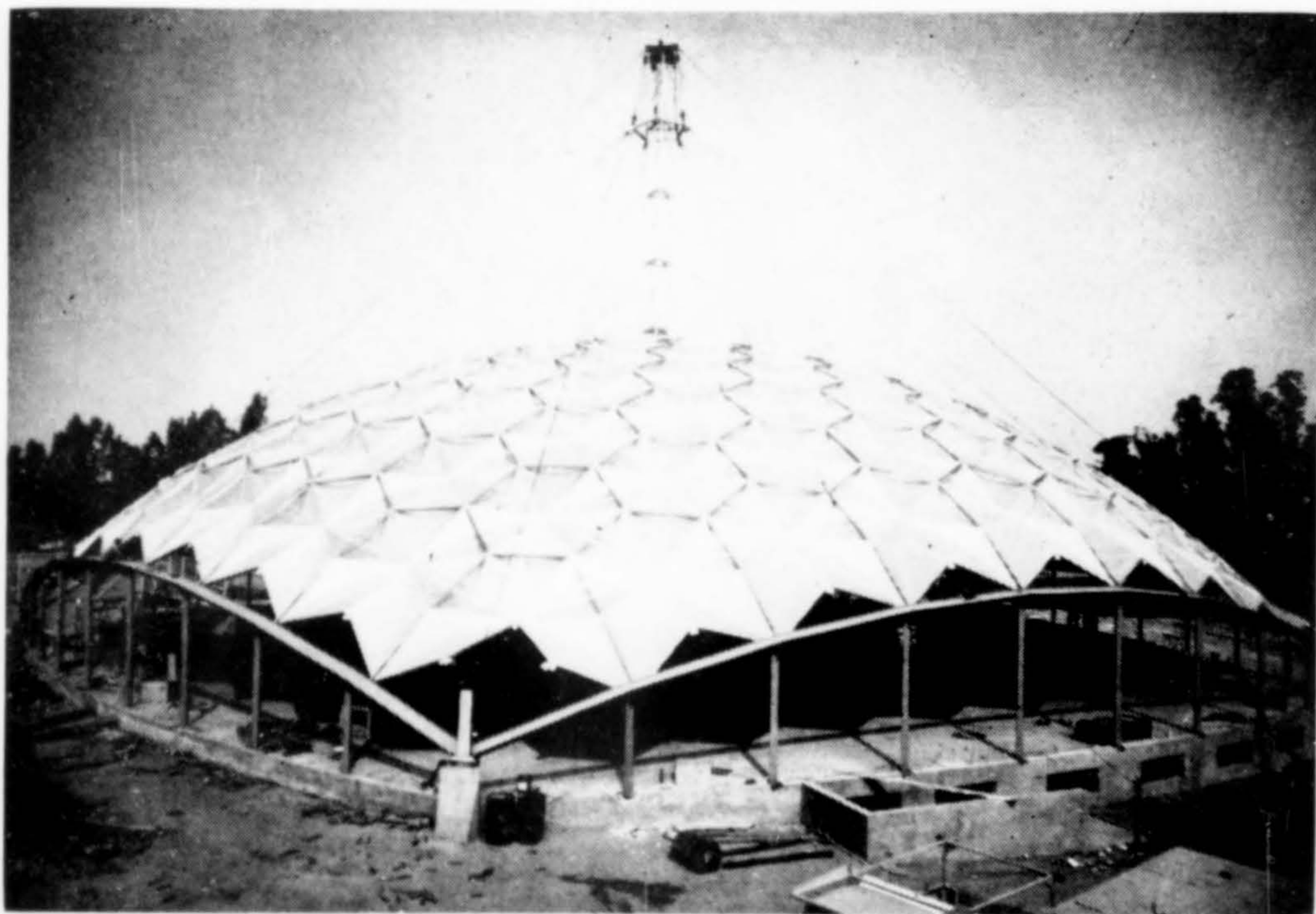
Mast in the background supports dome components. This photo shows the "top-down" construction technique where the top row is assembled first and hoisted up. The next row is added, and the process continued.



GOLD ANODIZED domes, specially modified to form a low silhouette to blend with the surrounding rolling hills, have solved Placer County's office space problem efficiently and economically. The cluster of six domes—five for offices and chambers and a sixth, which is open and covers the major approach and entry way to the structure—is a unique county complex. The unconventional approach was selected because of inherent economies and the speed of construction.

The geodesic dome is an invention of R. Buckminster Fuller. The dome components used on the Placer County project were manufactured at the TEMCOR plant in Torrance, California, and shipped by rail to the site. Erection, under supervision of a TEMCOR specialist, was completed in 15 working days and the entire project, from groundbreaking to dedication, took about nine months. Each dome is constructed of gold anodized aluminum, .08 inches thick. They are designed to carry loads two and one half times more than re-

Methods and Materials: **GEODESIC DOMES SOLVE SPACE PROBLEMS**



Dome as it is hoisted into place to be attached to the steel ring. This particular dome weighs 60,000 lbs. Below: aerial view of completed project.



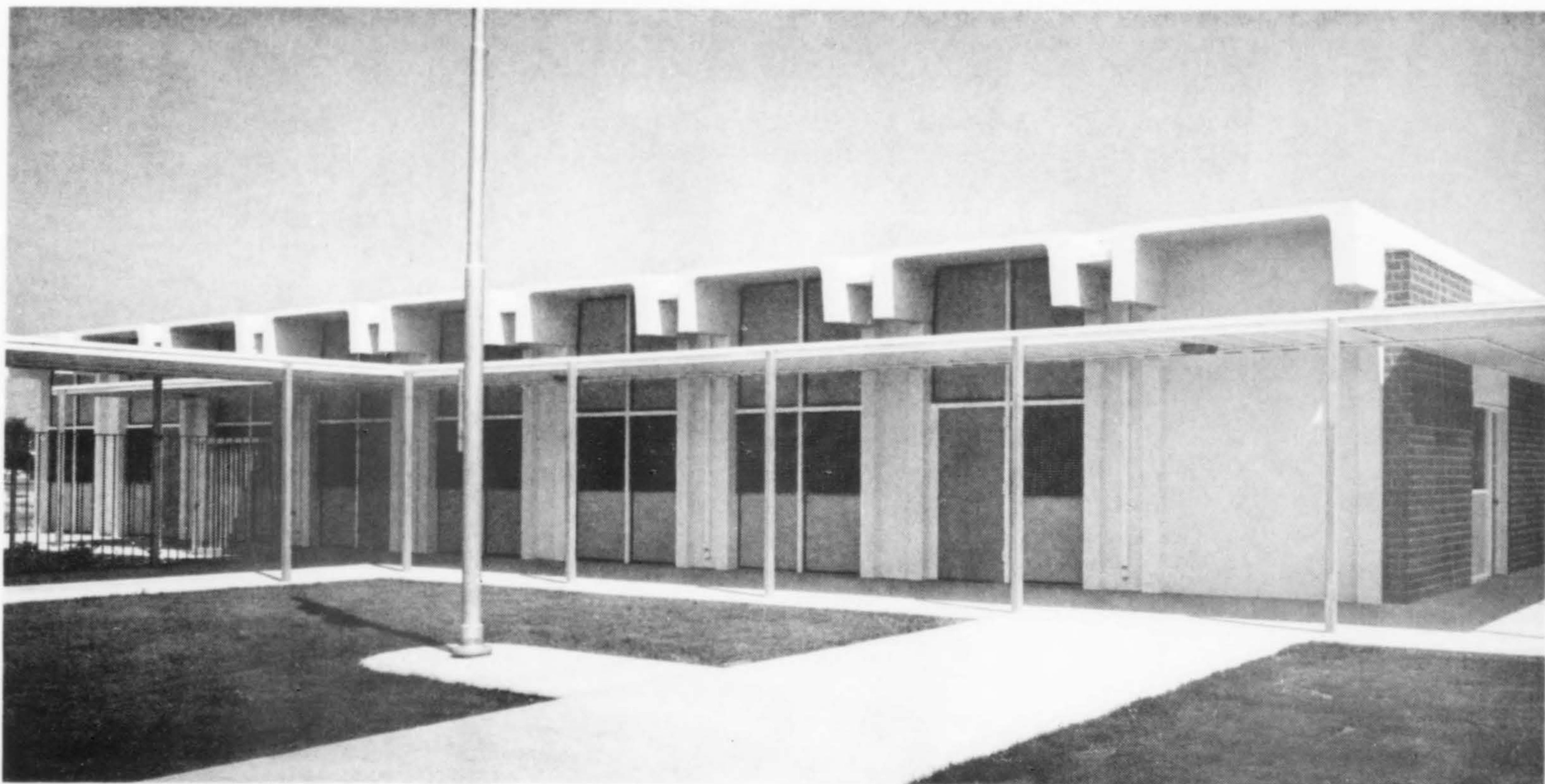
quired by building codes and will withstand winds up to 125 mph. Each dome spans 70-ft. of unobstructed floor space. All interior walls are non-load bearing and can be moved without disturbing the building.

The Placer County domes cover 25,000 sq. ft. Total cost of the project was \$689,647, or about \$25.20 per sq. ft. Figures include architect fees, landscaping, underground utilities for development of the remaining 15 acres of site, off-site parking and all construction costs.

PLACER COUNTY
HEADQUARTERS
Auburn, California

ROBERT B. LILES COMPANY
Architect
Hood Chatham, Project Architect

NIMBUS CONSTRUCTION CO.
Contractor



A concrete example of fast construction.

From raw land to ribbon cutting in 7 months.

The Venn W. Furgeson Elementary School in Hawaiian Gardens, California is an outstanding example of the speed, economy and functional beauty of concrete construction.

One requirement of this design was that it accommodate the school's "team teaching" method, with wall partitions and doors that can be easily moved to provide any number or size of classrooms.

This problem was solved by the use of 105-foot prestressed concrete channels for the roof system of all three buildings. This gave the interior a clear span of 99-feet.

In addition to complete flexibility of classroom arrangement, this system provides the aesthetic appeal of a clean, flat roof line, and built-in ducts for air conditioning and heating. And it is fire resistant, offering additional safety for children.

A brochure with additional information on this structure is available on request.

It's easy to see why the best ideas are more exciting in concrete.



Venn W. Furgeson School, A.B.C. Unified School District. Architect—Duffy & Dreher A.I.A., Long Beach, Calif.; Structural Engineer—Bole & Wilson, Long Beach, Calif.; General Contractor—Harwick & Son, Inc., Newport Beach, Calif.; Precast Contractor—Interpace Precast Concrete Producers, Pomona, Calif.

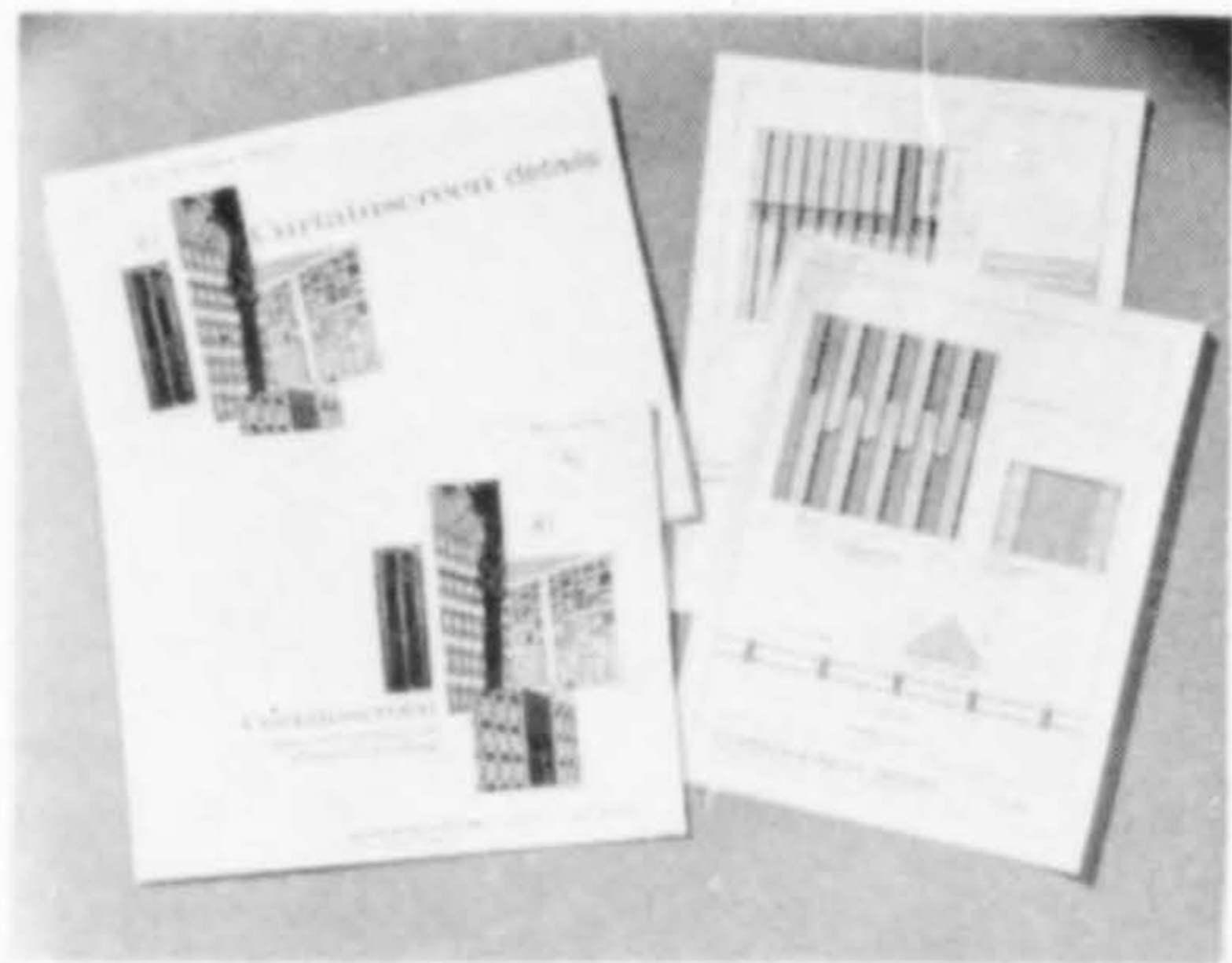
PORTLAND CEMENT ASSOCIATION

680 Wilshire Place, Los Angeles, California 90005 • Room 1515, Russ Building, 235 Montgomery Street, San Francisco, California 94104 • 418 Skinner Building, Seattle, Washington 98101 • 721 Boston Building, Denver, Colorado 80202 • 3800 North Central Avenue, Suite 816, Phoenix, Arizona 85012 • 5301 Central, N.E. Suite 705, Albuquerque, New Mexico 87108. An organization to improve and extend the use of concrete.



Cedar-Asbestos Roof System for Buildings of Public Occupancy: defines the new system involving hand-split red cedar shakes or red cedar shingles in conjunction with asbestos roofing felt. Development of the new system is discussed with test results listed. Specification details and actual installations are given. 4-pp.—Red Cedar Shingle & Handsplit Shake Bureau, 5510 White Bldg., Seattle, Wash. 98101.

Water Coolers, Drinking Fountains (AIA 29-D-42): catalog encompasses almost the entire line of water coolers and drinking fountains manufactured by Sunroc. Models, specifications, roughing-in dimensions and accessories are listed. Four pages in full color. 8-pp.—Sunroc Corp., Dept. SCW, Glen Riddle, Pennsylvania 19037.



Curtainscreen Design Ideas: features a book of typical Curtainscreen installations in full color for vertical and horizontal facades. Interior dividers, railings and examples of urban improvement projects utilizing Curtainscreen are included. The idea kit is accompanied by a folder of over 50 detail sheets which serve as a guide for fabrications and designing when requested.—Julius Blum & Co., Carlstadt, New Jersey 07072.

Investigation of Continuous Metal Ties as Replacements: specifically lists the properties of walls bonded with continuous metal ties as a replacement for brick ties in masonry walls. Studies are reviewed in discussion and chart form. The same information is included for brick header tied walls. No. 67-5. 12-pp.—Dur-O-Wal National, Inc., P.O. Box 368, Cedar Rapids, Iowa 52406.

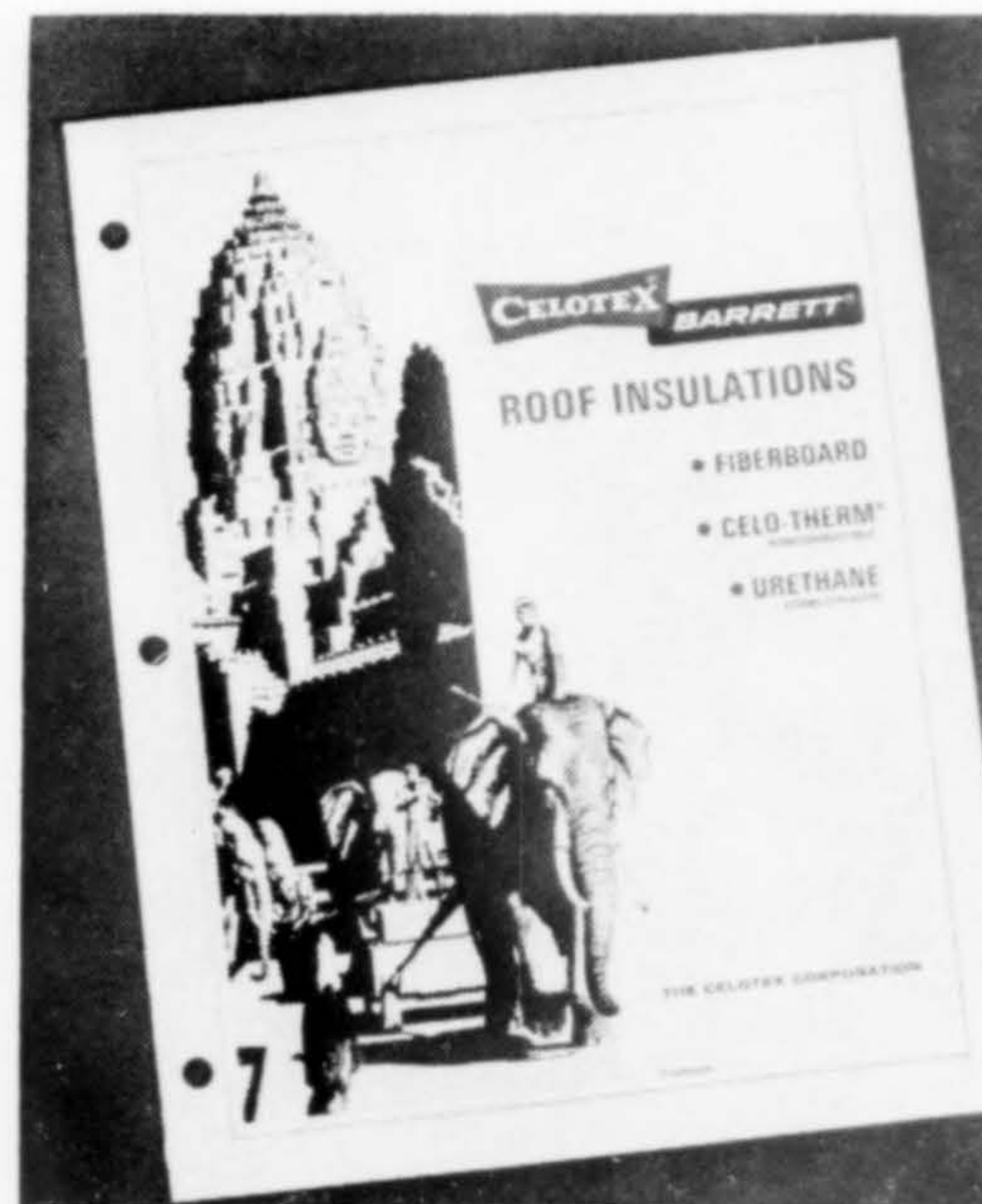
Litecor Wall Systems: illustrates a new design office partitioning now available from the Hausman Corporation. Featured is the detailed schematic drawings that show the ease of installation and information on solid panels, glazed partitions and a combination of solid and glazed. Color. 8-pp.—Wall Systems Div., Hausman Corp., Box 239, Detroit, Mich. 48232.

Infinite Access Floors: describes the multi-uses of Tate Infinite Access Floor for computer rooms and other equipment areas requiring under floor access and plenum. Technical data in regard to steel, aluminum and wood core panels, and the complete line of specially designed air-conditioning packages for use in computer and equipment areas is provided. Application as structural floor systems and trench covers is given. Two color, 8-pp.—Tate Architectural Products, Inc., Dept. 5-68, Box 349C, Montevideo Road, Jessup, Md. 20794.

Auditorium & Stadium Seating: lists the variety of seats available with many choices of wood, laminated, ceramic tile inserts. Type of upholstery and colors available are shown in full color illustrations. A full page is devoted to engineering layout data with recommended minimums and basic requirements. 12-pp.—American Desk Manufacturing Co., Temple, Texas 76501.

Aluminum Swimming Pools: describes prefabricated aluminum swimming pools for institutional, commercial, civic and other large indoor and outdoor installations. Brochure discusses design advantages and specifications.—Overly Manufacturing Co., 574 W. Otterman St., Greensburg, Pa. 15602.

Embeco for Non-Shrink Grout: gives data on Embeco for making non-shrink grout, mortar and concrete. Information is included on the numerous formulations, and drawings and text depict correct placing and forming methods for grouting machinery bases, structural columns, foundation underpinning. Data on using the product as restoration and repair and caulking is also given. 20-pp.—The Master Builders, Cleveland, Ohio 44118.



Roof Installation: contains full information and specifications for Celotex's three lines of roof insulations—fiberboard, perlite (non-combustible) and urethane. 12-pp.—The Celotex Corp., 1500 N. Dale Mabry, Tampa, Florida 33607.

Louvers in Extruded Aluminum: describes manufacturer's extensive line of architectural aluminum louvers for all air handling requirements. Complete specifications for all C/S louvers, detailed drawings, performance data and color chips of C/S finishes supplied, including Duranodic and Kynar/Fluoropon, are provided. 36-pp.—Construction Specialties, Inc., 55 Winans Ave., Cranford, New Jersey 07016.

Specifications for Indiana Limestone: contains suggested specifications plus sections on the material's adaptability and its physical characteristics. One section deals with the use of high-strength adhesives as mill-applied mortars to produce pre-fabricated stone panels, window units, etc. 16-pp.—Indiana Limestone Institute of America, Inc., 111 W. Fourth St., Bloomington, Indiana.

Hatch Rock: tilt-up walls, mosaics, other rock use

Handsome, loose leaf brochure, well illustrated with excellent black and white photos, defines rock, its nature and usage. One section is devoted to Lithocast tilt-up stone walls and mosaics. Installation and application photos are followed by an outline specification that includes tests and inspections, materials, fabrication details, cleaning, handling and storage. One page is on patching.

The other section is devoted to rock classification—structure, texture, form, size, shape, color. Included are listings on quarries and the types of rock available at these quarries. Information contained in the brochure is comprehensive and emphasizes the properties, characteristics, quality of rock and rock formations. Additional pages on the technical aspects of rock are available as information is assembled. Initial cost is \$2.00.—Hatch Rock, P.O. Box 765, Mountain View, California 94040.

• **American Cyanamid Co.:** S. Albert Weymiller has been named manager



of the Los Angeles district sales office of American Cyanamid Company's Building Products Division. He succeeds Victor Sahn who has been transferred to the same post in Dallas. Weymiller,

has been a sales representative with the firm since 1963, will direct sales of Acrylite cast acrylic sheet in a nine-state Western territory, including Hawaii. Los Angeles offices are at 17025 East Gale Ave., City of Industry.

• **Mississippi Glass Co.:** Combustion Engineering, Inc., has acquired Mississippi Glass Company, St. Louis, Missouri. The acquisition of the firm, manufacturer of specialty glass, includes its wholly-owned subsidiary, Walsh Refractories Corporation. Mississippi Glass will be operated as an independent subsidiary of Combustion Engineering, under its present management, according to Arthur J. Santry, Jr., C-E president. The glass company operates plants in St. Louis, Fullerton, California and Floreffe, Pennsylvania.

• **Tate Architectural Products, Inc.:**



Fred Wagner has been named West Regional sales manager for Tate, headquartered in Jessup, Maryland. Wagner will work out of the Bay area, from 2716 Katrina Drive, Mountainview, California.

• **Acoustics Development Corp.:** The Northbrook, Illinois manufacturer of acoustical indoor and outdoor telephone booths and enclosures has appointed Eugene (Gene) J. Churches as manager, Western Division, including all territory west of Denver. He will headquarter at 555 - 17th Street, Denver.

• **Lone Star Cement Corp.:** Richard M. Farrow has been elected regional vice president, Pacific Northwest region, succeeding Robert W. Hutton, who has been advanced to vice president-operations in the company's New York office. Farrow was also elected vice president, general manager and a director of Pioneer Sand & Gravel Company, a Lone Star subsidiary. He has been with the company since 1949. Headquarters will be in Seattle.

• **Airco Chemicals and Plastics:** The West Coast regional sales office of this division of the Air Reduction Co., Inc., has established new offices at 1535 E. 17th St., Santa Ana, Calif. The office, formerly located in Norwalk, serves 11 Western states and British Columbia. It is headed by Robert R. Fritz, West Coast regional manager. A branch office is also maintained at 1231 Second St., Berkeley, Calif.

• **United States Gypsum Co.:** Graham J. Morgan, president of United States Gypsum, and William S. Lowe, president of A. P. Green Refractories Co., Mexico, Missouri, announce the merger of the two companies. The Missouri firm will be continued by a newly organized subsidiary of United States Gypsum, to be known as A. P. Green Refractories Co. (a Delaware corporation).

• **Interpace:** Ralph A. Ferguson has been named regional marketing



manager, building products, according to an announcement by John E. Ryan, marketing manager, of the building products division. In this post, Ferguson will be responsible for marketing activities in California, Arizona, Nevada and Hawaii.

• **American Institute of Steel Construction:** Among directors elected to the organization are: Kendall R. Peck, general sales manager, fabrication division of Kaiser Steel Corporation, Oakland, Calif.; W. S. Leckenby, chairman of the board, Leckenby Company, Seattle; Jack C. Lee, president, Lee & Daniel, Azusa, Calif.

• **Brown-Saltman Company:** Loretta Fontana has resigned all her major



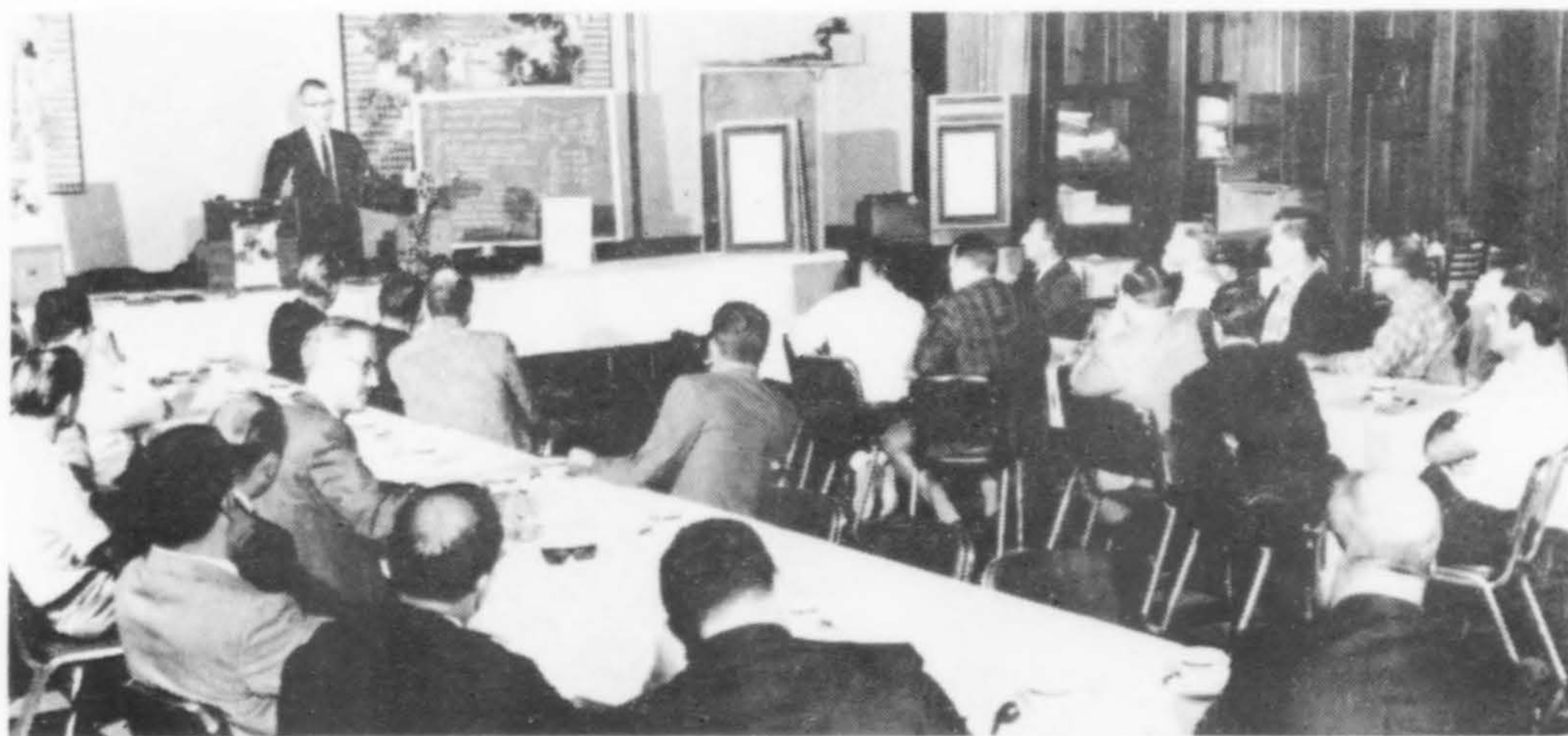
lines to assume full representation of Brown-Saltman in Northern California. Percy Solotoy, president of the Los Angeles furniture manufacturing firm, announced that Mrs. Fontana will continue to make her headquarters in the Western Merchandise Mart, San Francisco. She succeeds Victor Hern, who has retired from Brown-Saltman after more than 25 years with the company.

• **Vermiculite Institute:** Water-repellent vermiculite masonry fill insulation in the cores of 8"x8"x16" lightweight concrete block walls has earned a four-hour fire rating by Underwriters' Laboratories, Inc., of Chicago.

• **Certain-Teed Products Corp.:** John A. Wood, formerly Los Angeles territory manager, has been appointed San Diego territory manager. He will be responsible for sales in San Diego, Riverside and Imperial counties, California, and the entire state of Arizona.

• **Airtemp Division, Chrysler Corp.:** T. W. Kirby, vice president of marketing, announces the appointment of the Benz Company, 3822 S.W. Corbett St., Portland, Oregon, as representative covering 34 counties in the state of Oregon and Clark county in Washington. The firm is headed by Donald L. Benz, president.

• **Hank Loewenstein, Inc.:** Two new representatives have been appointed for the Loewenstein import furniture for contract installation. John Mackall, 798 Vista Grande, Los Altos, will be San Francisco representative and Peter Pepper, 8899 Beverly Boulevard, will serve the Los Angeles area.



TECHNICAL SEMINAR on kitchen cabinet manufacturing was staged recently by Formica Corporation to give manufacturers and fabricators latest information on production methods, cost-saving ideas and new designs. Harry Storch, Formica manager of technical services, is shown here before San Fernando Valley group. Edward A. More, Western marketing director, organized similar seminars, directed in the Los Angeles area by Robert Lowes and in the San Francisco area by Robert Power, district sales manager.

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ARCHITECTS who talk to architects are the layman's nemesis. The particular phraseology an architect uses in jurying a competition draws the most complaints.

Recently an attorney, who admits to being an architecture "buff" and who is each year a patron at the local honor awards banquet, strongly recommended that the comments be couched in terms that the average citizen understands. He has a point. At such affairs at least half of those in attendance are non-architects, not related to the profession in any particular way except as those all-important clients. Sometimes the dinner speeches (or the jury comments) make one long for a handy-dandy Webster's Collegiate for a quick reference to clarify what is being said.

Among the best honor awards comments I have heard were those used by the jury foreman at the recent Southwest Washington AIA honor awards. They were honest, humorous, not too lengthy, and best of all, included the client. And the terms used were those with which everyone could easily identify.

Architecture is not the only profession to commit this "sin"—almost any other professional group has the same inclination. But it makes one wonder if the clients at the Southwest Washington chapter didn't look a bit favorably upon the architect who was jury foreman, tucking his name into the back of their heads against the time when they might commission another project.

—R.G.



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