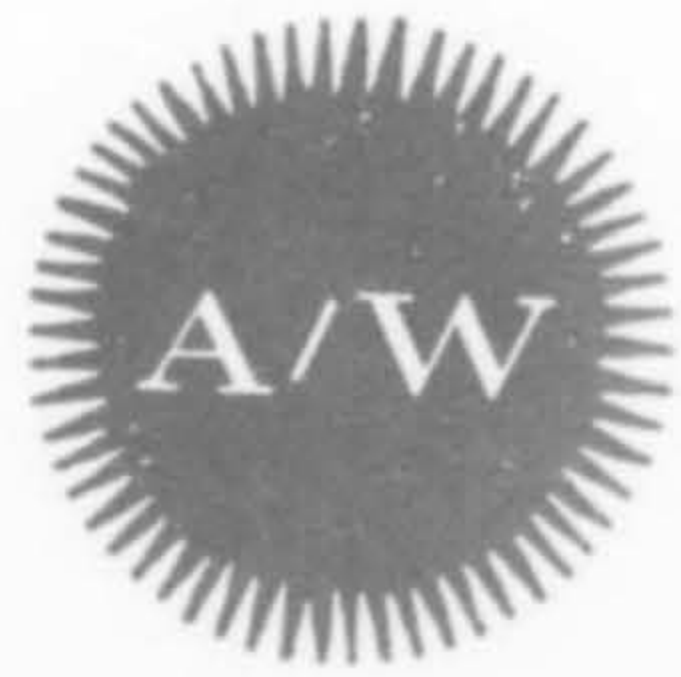
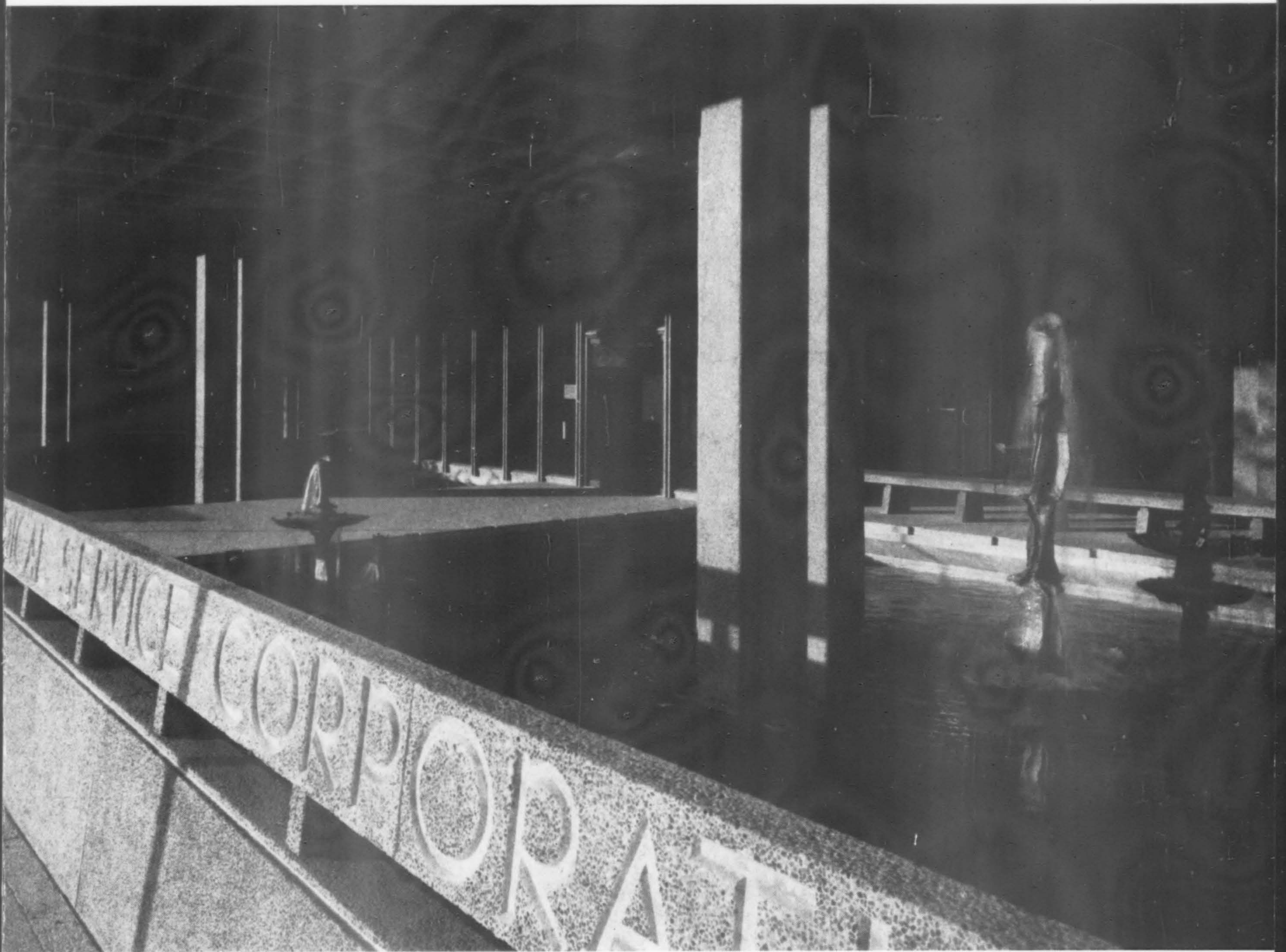


# Architecture / West



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## Architecture / West

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Hawaii

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Business data on page 34

THE COVER: King County Medical Service Corporation building, Seattle. Grant, Copeland, Chervenak, architects. Hugh N. Stratford photo. Page 16.

## HIGHLIGHTS and SIDELIGHTS

### Highway esthetics committee named—

A three-man committee to coordinate the California Division of Highways efforts at highway beautification and special training in highway esthetics for division employees has been appointed. State Highway Engineer J. C. Womack announced that A. C. Estemp, design engineer, A. L. Elliott, bridge planning engineer, and D. P. Van Riper, landscape architect, will have the general responsibility for creating beauty on all state highways. They will also be concerned with the training program.

### Nation's first underground high school—



The nation's first underground high school facility, the Robert H. Goddard Senior High, accepted the first students this past September. Located at Roswell, New Mexico, the \$2.1 million building was named for America's rocket pioneer. The school, built entirely by local funds, is a controlled environment structure that doubles as a fallout shelter capable of protecting 6,500 persons for up to two weeks. Architect was Frank Standhardt, Roswell.

### Shopping centers for the cities—

Shopping centers are moving back to the cities—at least, this is the trend that R. J. Stoddard, president of Bolo Corporation, one of the nation's largest builders of commercial and industrial structures, predicts. The key advantages, he believes, is the fact that in older areas of many cities, people are established and refuse to move into suburban homes; that such in-city complexes would provide ample free parking, access to a wide range of stores and modern facilities, roughly the same advantages offered in the suburban counterparts. These shopping complexes would not be as vast as those outside the city and will cover an area somewhat less than a block square. But there would be more in each city. In areas where land prices are prohibitive, the size could be scaled down to cover a minimum of a third of a square block.

### Hawaii state capitol work started—

Work has started on the \$15.4 million Hawaii state capitol, although some \$4 million additional will be needed to complete the structure. It is hopeful that further legislative appropriations will provide the additional sum. The capitol was designed jointly by Belt, Lemmon and Lo, and John Carl Warnecke and Associates; Reed and Martin International, are contractors.

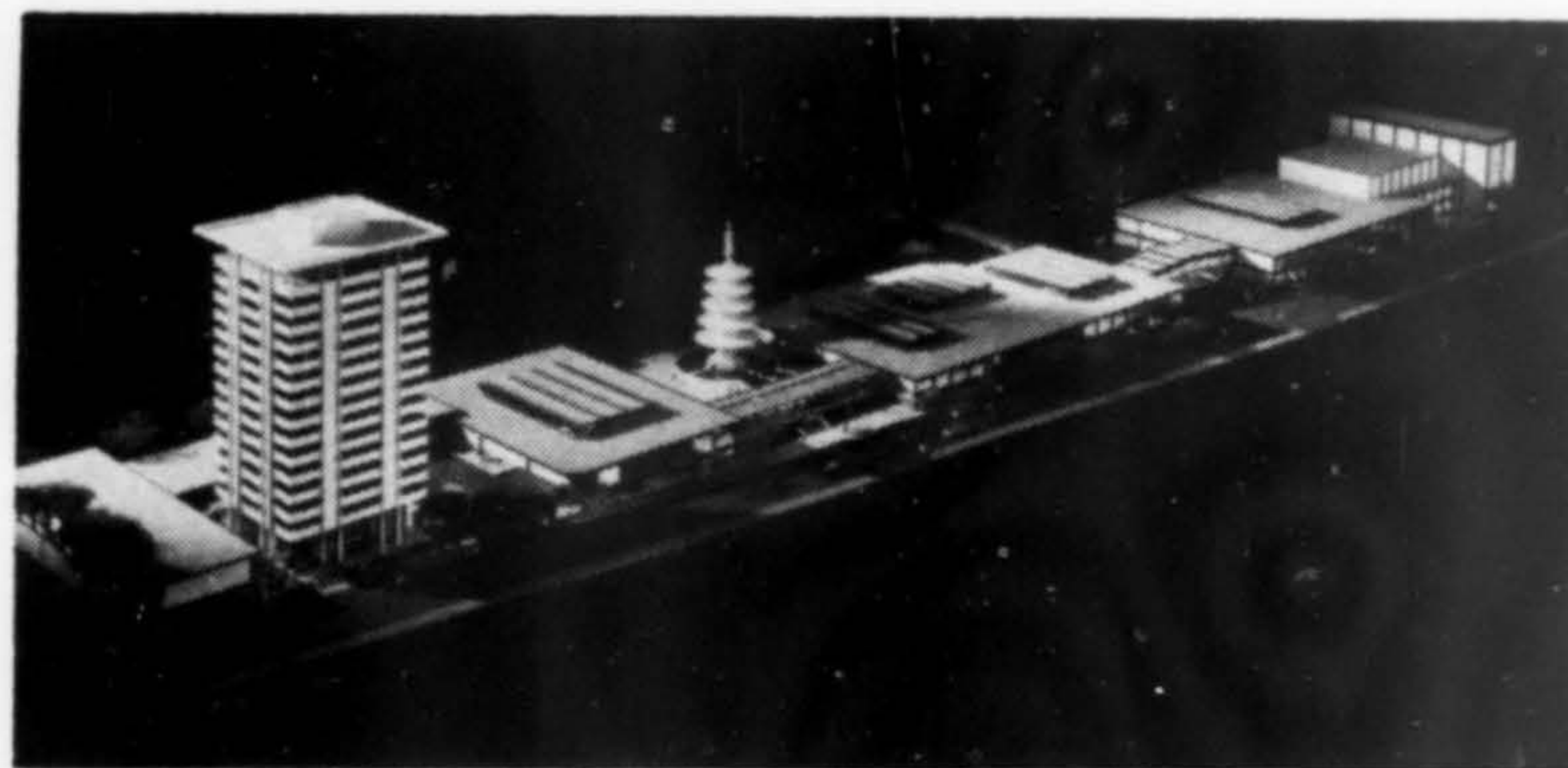
### \$10 million in construction for Stockton—

About \$10 million will be spent in Stockton on state construction projects during the current fiscal year according to the General Services Department. Earmarked for construction: at Northern California Youth Center, a third 400-bed unit, \$6 million; employee dining hall, \$288,543; surgery facility, \$209,000; laundry and dry cleaning plant, \$851,900; drainage canal and basin, \$450,000; landscaping, \$171,000; at Stockton State Hospital, central food service building, \$1.5 million; air conditioning, \$303,000; improvements in food distribution system, \$150,000.

### Plastic pipe, fittings receives Federal okay—

The long-awaited Federal Specification, giving the green light to ABS plastic pipe and fittings for interior drainage systems in government, military and civilian construction has been issued on an interim basis by the Specifications and Standards Branch, General Services Administration, Federal Supply Service, Washington. The new specification, L-P-00322 (GSA-FSS), spells out technical and other requirements on (ABS) drain, waste, vent pipe for soil lines, waste lines and vents.

### Japanese Trade and Cultural Center—



Construction is under way on the \$15 million Japanese Trade & Cultural Center on three blocks bounded by Laguna, Geary, Fillmore and Post Streets in San Francisco's Western Addition Redevelopment Area. Collaborating architects for the Center are Van Bourg/Nakamura and Associates, Berkeley, and Minoru Yamasaki and Associates, Birmingham, Michigan. Designer of the Peace Pagoda is Professor Yoshiro Taniguchi of Japan. Haas and Haynie, San Francisco, are general contractors.

### Calendar of coming events—

Annual Meeting, Pacific Southwest Section, Forest Products Research Society, Wilbur Clark Crest Hotel, Anaheim, California, Feb. 3-4, 1966.

The 1966 American Association of School Administrators convention, School Building Architectural Exhibit, Atlantic City, Feb. 12-16, 1966.

National Kitchen Cabinet Association's 10th anniversary training school for kitchen specialists, Sheraton-O'Hare Motor Hotel, Chicago, Feb. 13-16, 1966.

The Gypsum Drywall Contractors International 9th annual convention, Americana Hotel, New York City, March 6-10, 1966.

### Marincello approved—

The \$285 million, 20,000 population Marincello project has been given a final approval by the Marin Board of Supervisors. The Marin County Planning Commission had previously approved the development which New Yorker Thomas Frouge plans to build on the Golden Gate headlands. There has been a year of hearings and controversy on the project.

### Salt Lake City winner—

Vern C. Hardman, Jr., president of Research Homes, Inc., Salt Lake City, has been named international winner of the Concrete Industries' Horizon Homes program, a building and merchandising contest for new homes in the United States and Canada. The prize is an all-expense paid trip for two anywhere in the world. Ron Molen, employed by the architectural firm of Glen Ashton Lloyd and Associates, designed the award home.

### \$60 billion income—

For the first time, personal income of Californians has topped \$60 billion, an increase of \$3.9 billion or 6.9% over the 1964 level and \$1.3 billion or 2.2%, over the revised 1965 second-quarter estimate. State Department of Finance economists base the figures on third-quarter returns. Governor Edmund Brown emphasizes that the figures indicate the California economy is still growing and still strong.

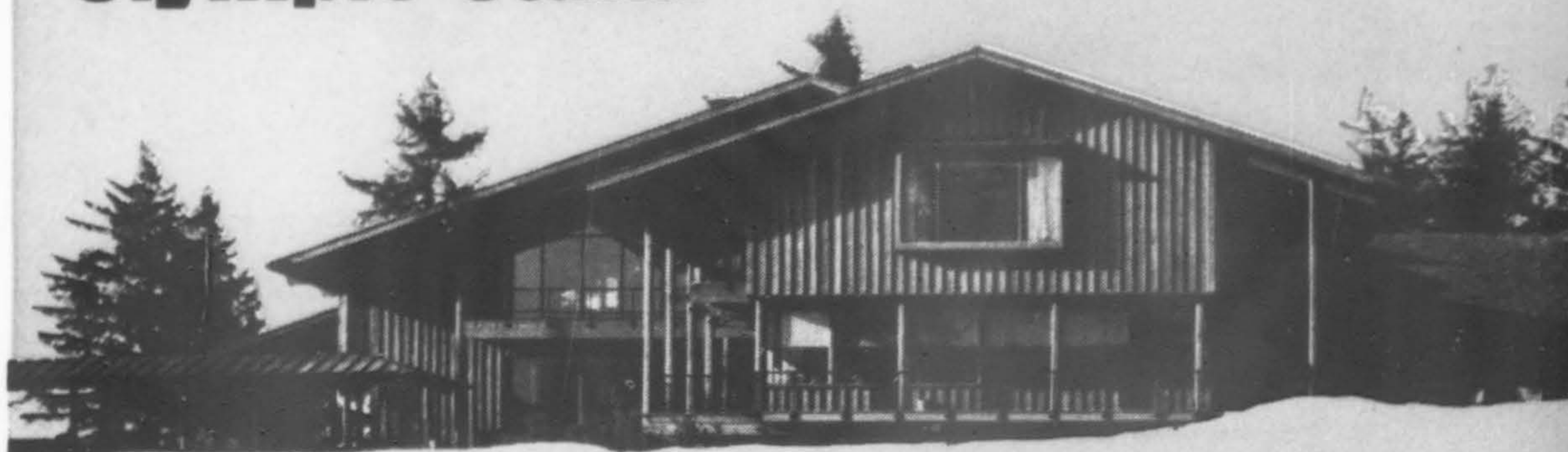
### Tourist study for Samoa—

The government of Western Samoa and its United Nations advisors are eyeing the tourist industry as a major aid to boosting the economy which so far has been mostly agricultural. A joint study of the independent nation's tourist potentialities has been authorized by the Minister of Economic Development, G. F. D. Betham. Belt, Collins and Associates, Ltd., engineers and planners, and Wimberly, Whisenand, Allison & Tong, Architects Ltd., will make the study. Both firms are located in Honolulu.

### Lake Tahoe committee chairman—

Richard Graves, Los Angeles real estate and construction executive, has been named chairman of the nine member California-Nevada-Lake Tahoe study committee, charged by both states with drafting a plan for orderly development of the lake basin.

# SALISHAN... natural harmony through the use of wood and Olympic Stain.



The challenge of Salishan was to construct a \$2,000,000 resort Lodge, incorporating extensive relaxation, convention and recreational facilities, in complete harmony with its location, a 2½ mile forested peninsula along the Oregon coast.

In architect John Storrs' words, "We are trying to take this piece of ground and leave it the way it is relating to nature." He wanted the Lodge to appear as though it had been dropped naturally into the woods. His solution involved the use of two materials natural for the situation—wood and Olympic Stain.

The results achieved, distinguished by Storrs' patterns of plane and texture, show the possibilities for design inherent in the large scale use of wood. (Over a million and a half board feet of Douglas fir, hemlock and cedar were used to build the Lodge.)

Olympic Stain was selected because of its wide range of available colors, which enabled Storrs to choose the exact tones desired to enhance the wood's natural properties; and because of its durability, a crucial factor in Salishan's seacoast climate.



To gain the weathered, driftwood effect wanted for the rough sawn exterior, Olympic Semi-Transparent Stain was selected. Mr. Storrs reports, "I think we left more of the grain exposed, more of the hairs of the wood in their natural state, and aged the building considerably."

The interiors of the Lodge and guest accommodations continue to develop Salishan's natural theme with extensive use of wood (e.g., rough sawn plank and shingle walls, carved wood post screens) and the

use of earth tones in floor coverings to complement the natural wood characteristics.

Because of a particularly tight construction schedule, absolute reliability and odorlessness were important factors in the choice of interior finish. Olympic provided both.

The results? "We are very satisfied," was the architect's appraisal. "A great number of people have commented and written

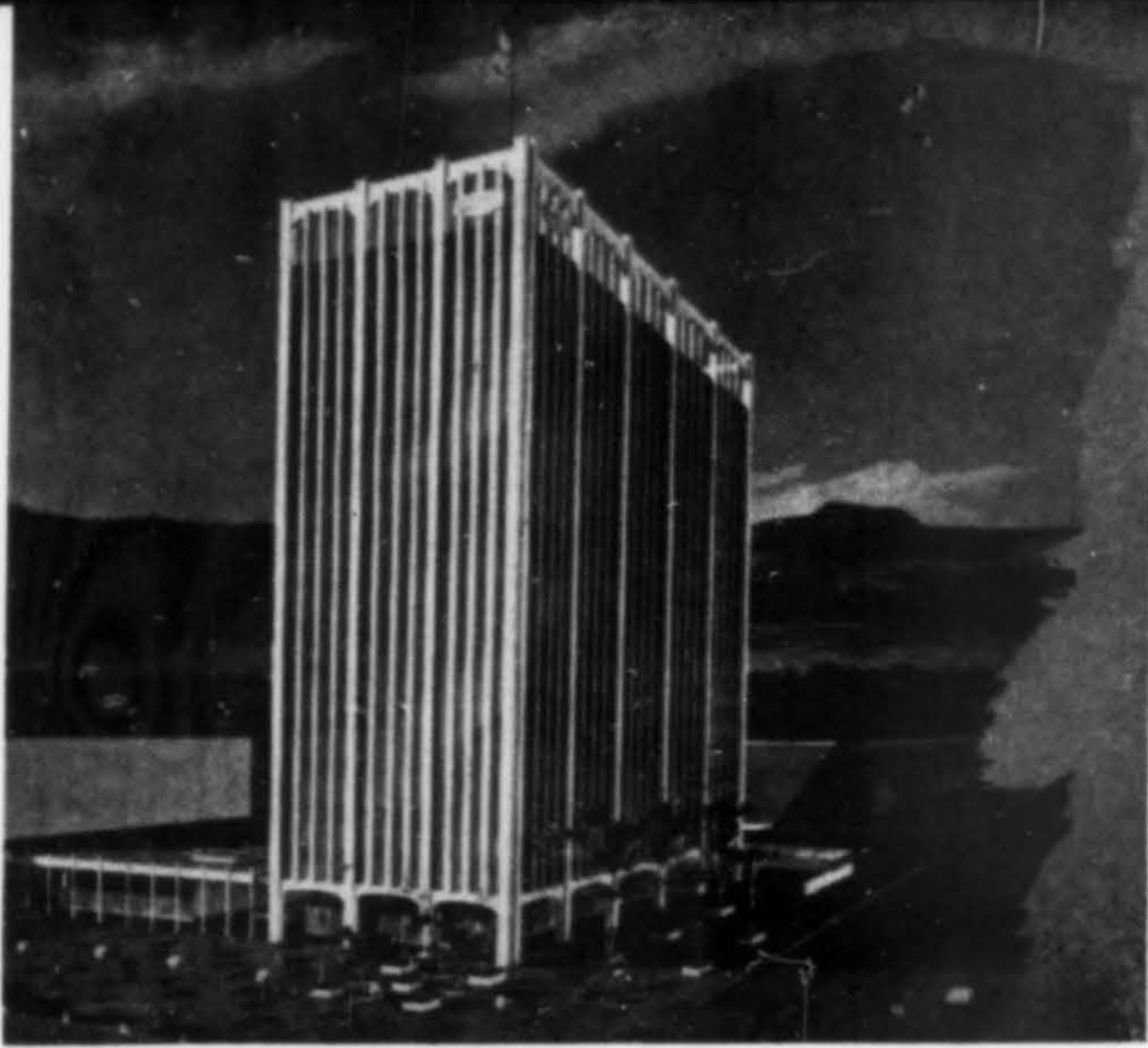


letters on the 'feel' of the place, and I think the stain on the wood characteristics plays a large part in this total feeling."

The idea of Salishan was to achieve a blending, a fitting-in, a naturalness. Salishan Lodge is that idea realized, with the help of Olympic Stain.

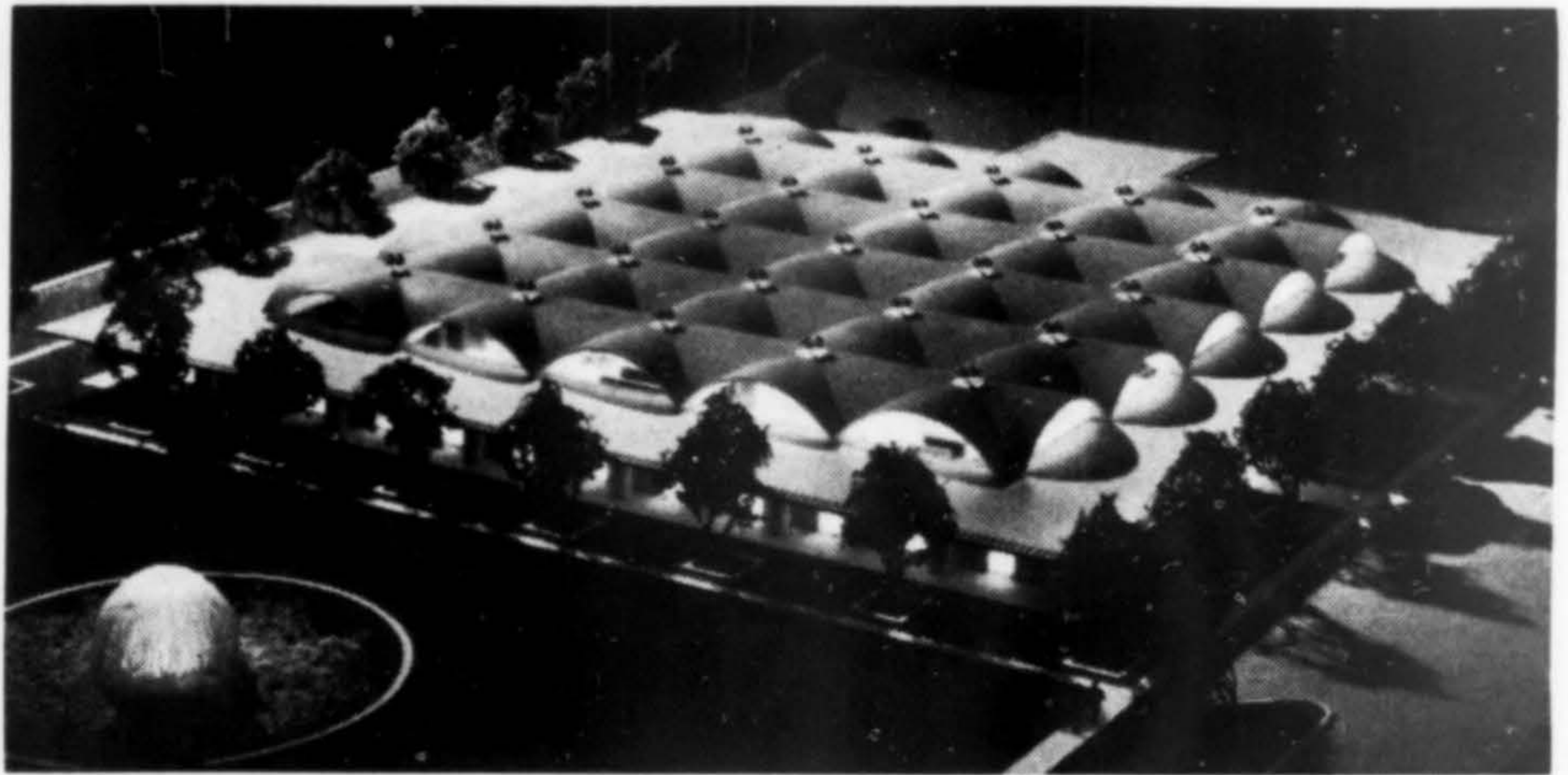
For color samples on wood and new A.I.A. Information Manual, write Olympic Stained Products Company, 1118 N.W. Leary Way, Seattle, Washington 98107.



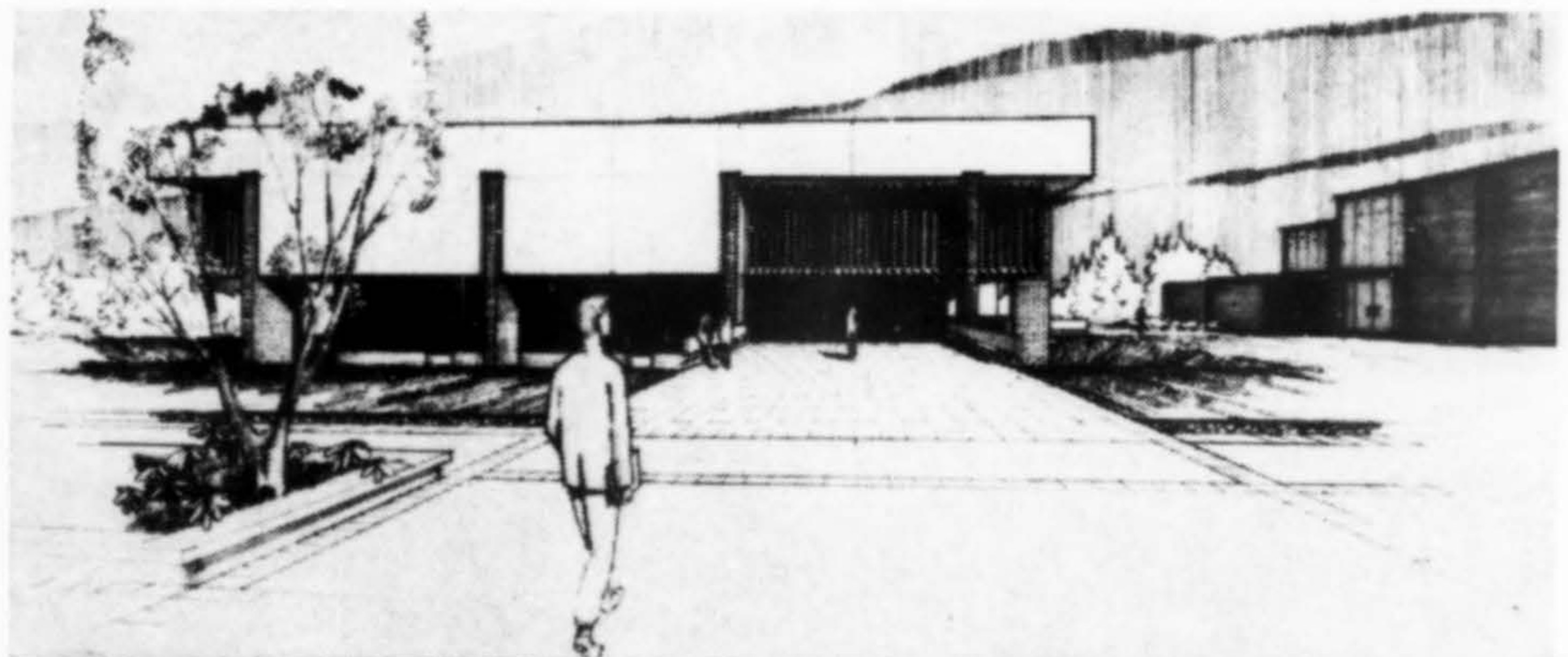


**HOLLY SUGAR COMPANY** building, Colorado Springs, is part of the \$15 million Antlers Center complex. The 16-story building will have a structural steel frame, and feature cellular metal decking and concrete fill floors. It will rise 207-ft. above the complex. Estimated cost: \$3.5 million. Architects: Carlisle B. Guy, Colorado Springs; Lloyd J. Lovegren & Associates, Seattle.

## PROJECT PREVIEW

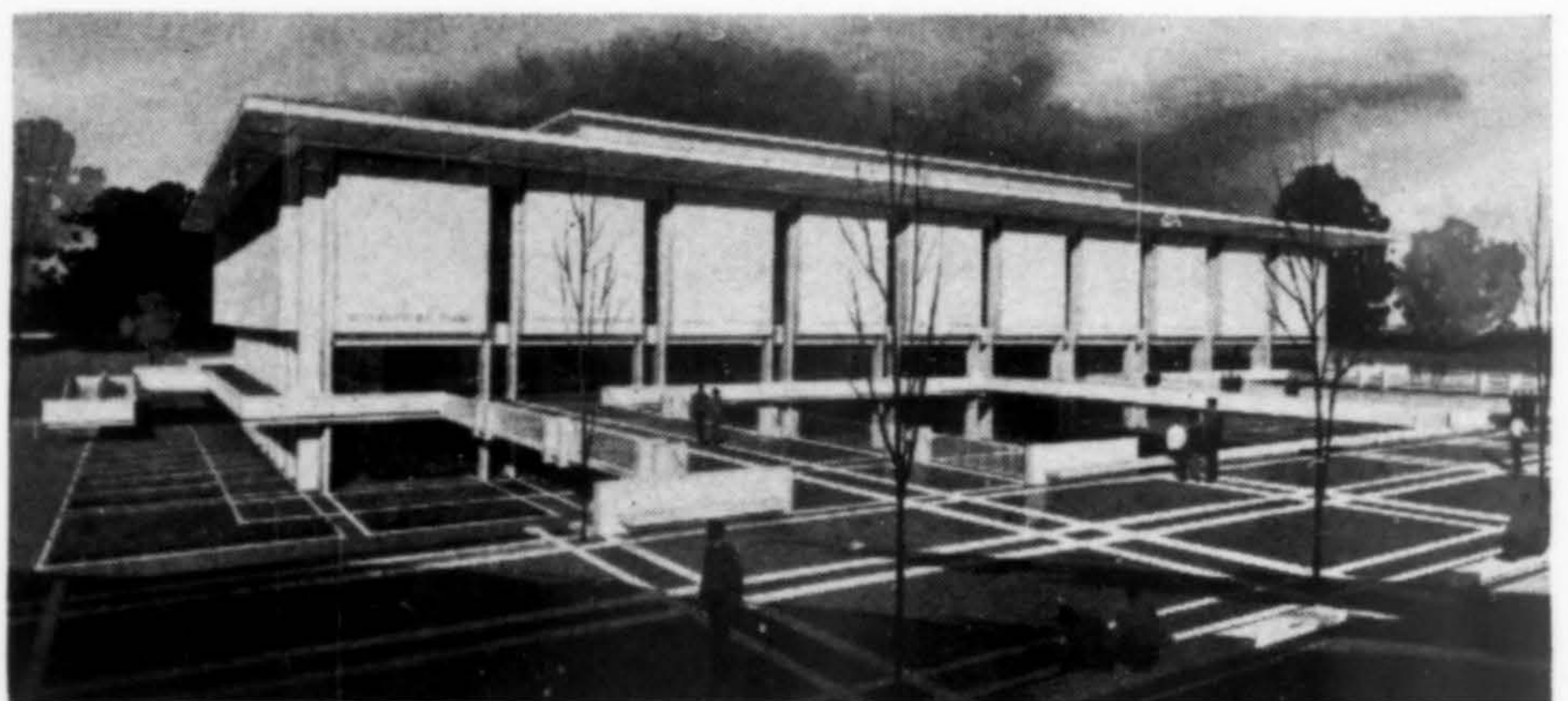


**MAIN LIBRARY**, Santa Clara, has concrete barrel vaulting with concrete ribs, lighting through skylights. The ceiling was adopted from the old Carmelite Monastery in Santa Clara. The 40,000 sq. ft. structure will be fully carpeted, with a separate entrance and check-out for youngsters and an area reserved for old-timers. Completion: August 1966. Architect: Edward Durell Stone; J. P. O'Halloran, contractor.

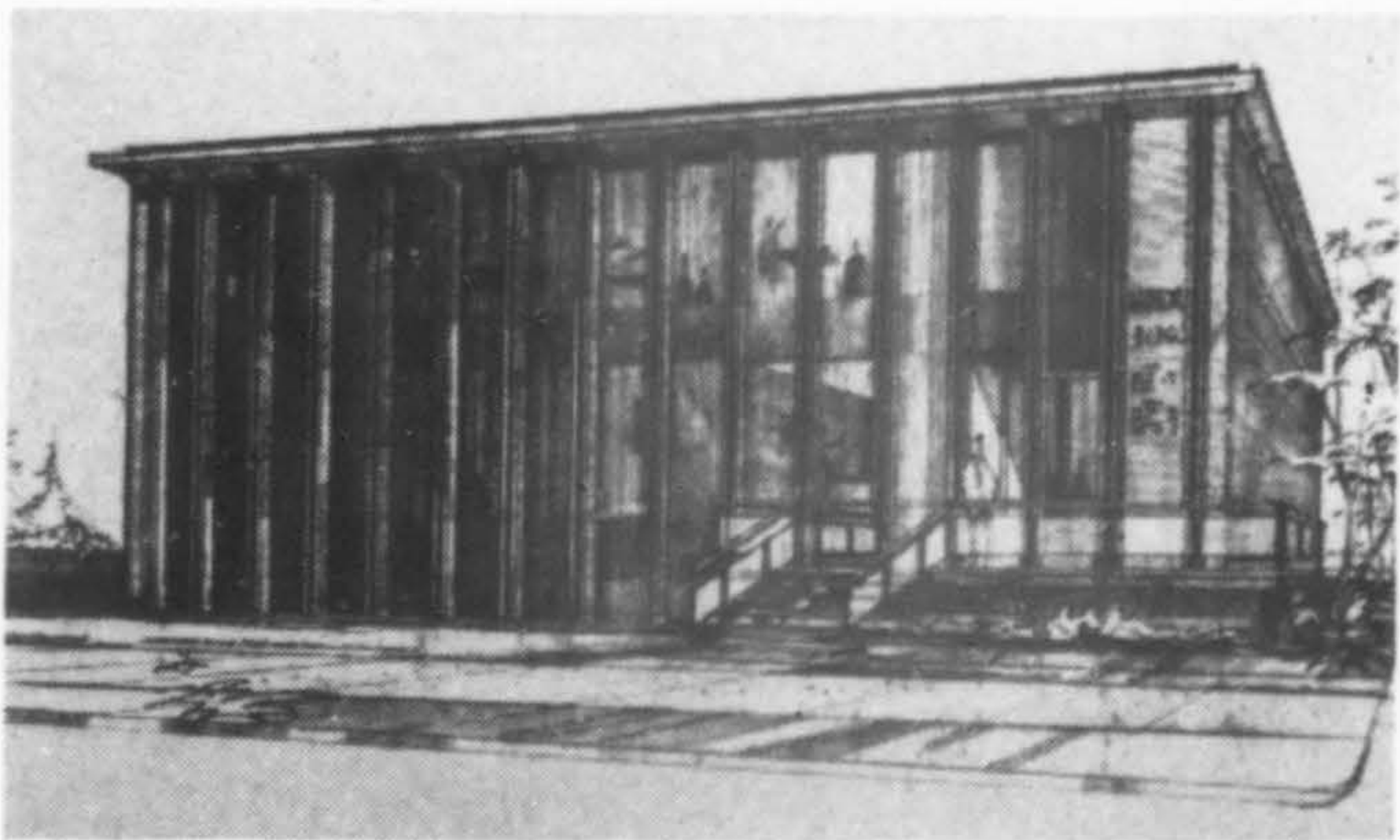


**GRAYS HARBOR COLLEGE LIBRARY**, Aberdeen, Washington, will be two stories, reinforced concrete on first floor, frame above, with laminated roof beams; exterior, white cement plaster and brick veneer. Architect: Robert Billsborough Price, Tacoma; Fodge & Jensen, contractor.

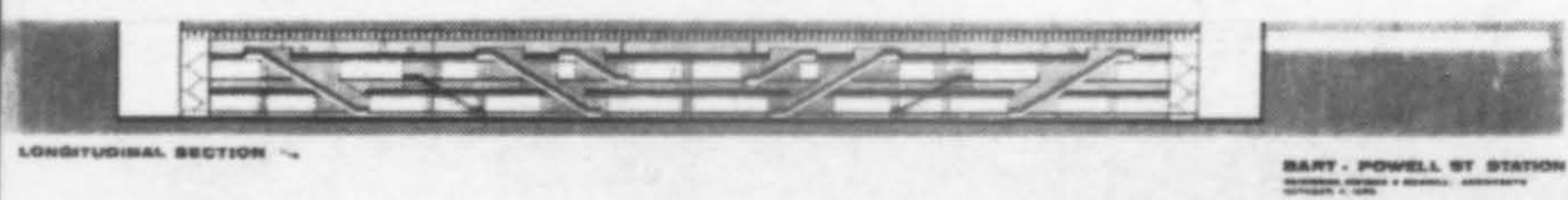
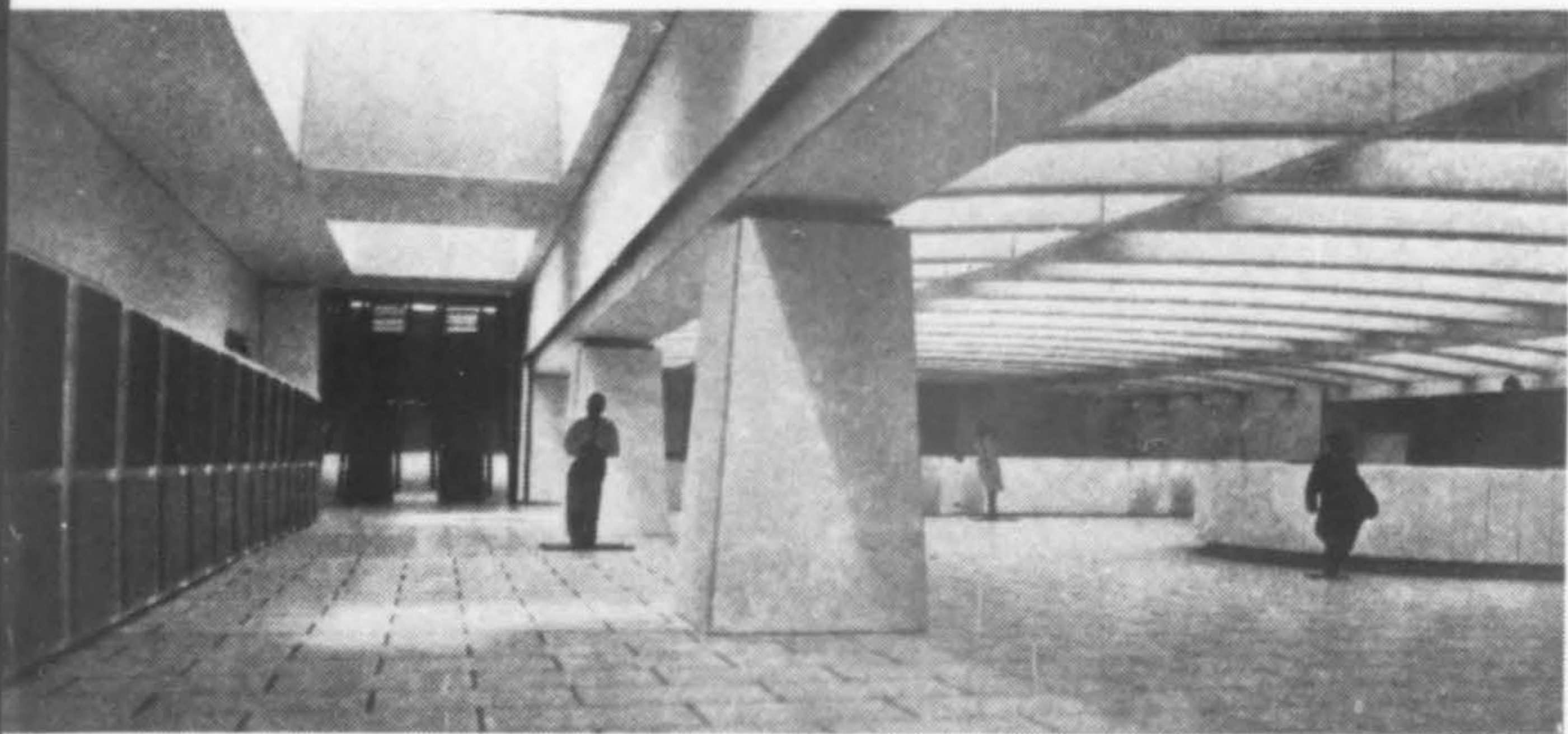
**THEATER-OFFICE BUILDING**, Los Angeles, will include a 2600-seat proscenium theater, to be called the Cole Porter Theater, a 24-story office building, bank, two restaurants, parking for 1300 cars on three levels beneath the complex and in an adjoining parking structure. Estimated cost: \$24 million. Architects: Welton Becket & Associates.



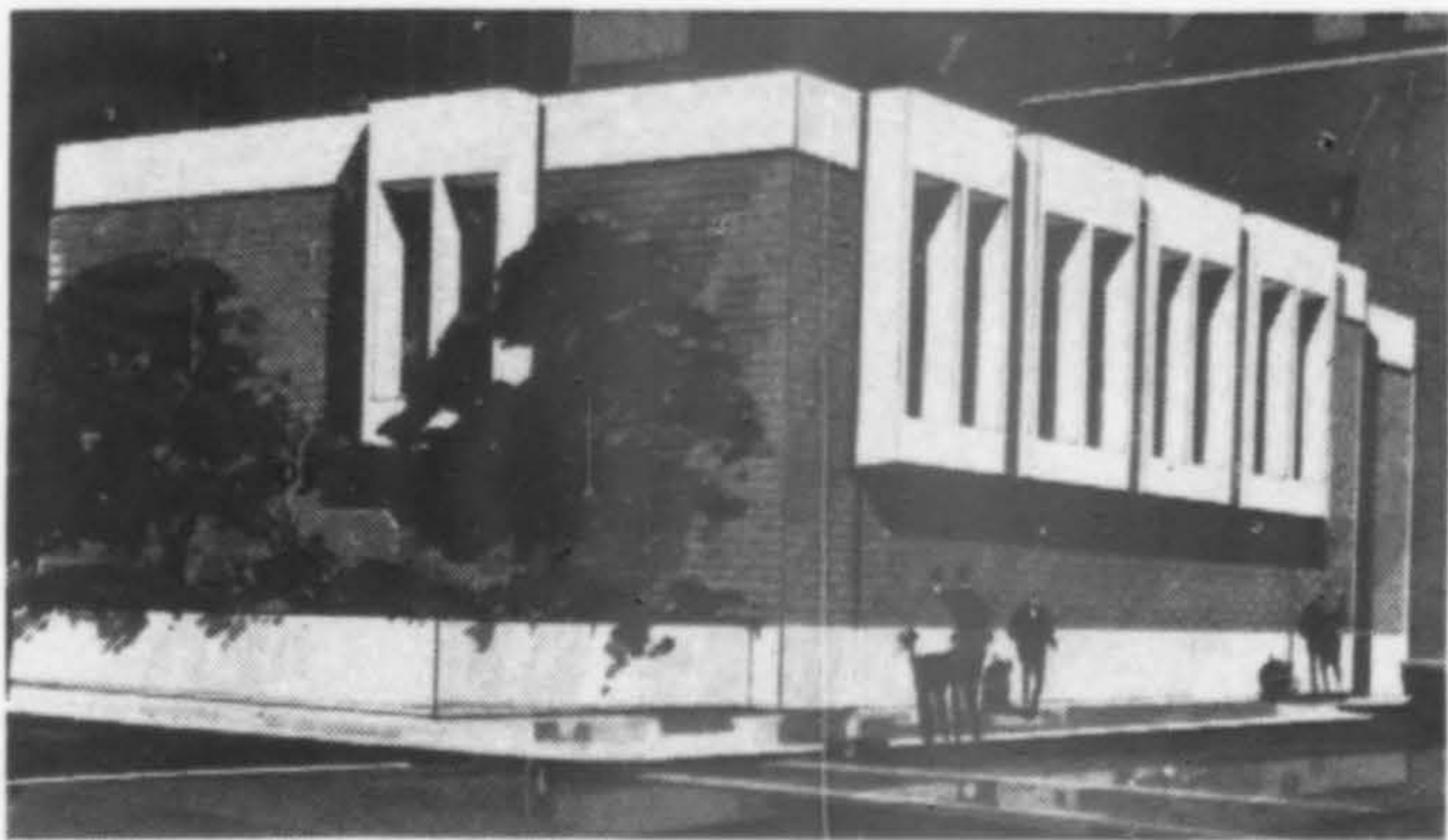
**LEARNING CENTER AND LIBRARY**, University of Utah, Salt Lake City, will provide facilities to house one and one-half million volumes on five levels. The exterior is precast stone columns and facing with double glazing for all exterior windows. Cost: \$5.2 million. Architects: Lorenzo S. Young & Partners; Tolboe Construction Co., contractor.



**MINOR-JONES BUILDING**, Everett, Washington, is a three-story professional office building with brick cavity walls, brick columns, solar bronze glass and a structural system of steel beams and columns. Construction is under way on the 7,200 sq. ft. building. Architects: Mithun & Associates, Bellevue; Sanford Wright, general contractor.



**SUBWAY STATIONS**, San Francisco, for Bay Area Rapid Transit, are divided into three levels with first level as a pedestrian mezzanine, second level for street cars, lowest level for rapid transit. Vertical circulation is primarily by high speed reversible escalators. Structure is reinforced concrete with 60-ft. clear span, post tensioned beams at the mezzanine roof. Entire station is 790-ft. long, 60 to 90-ft. wide. Architects: Skidmore, Owings & Merrill.

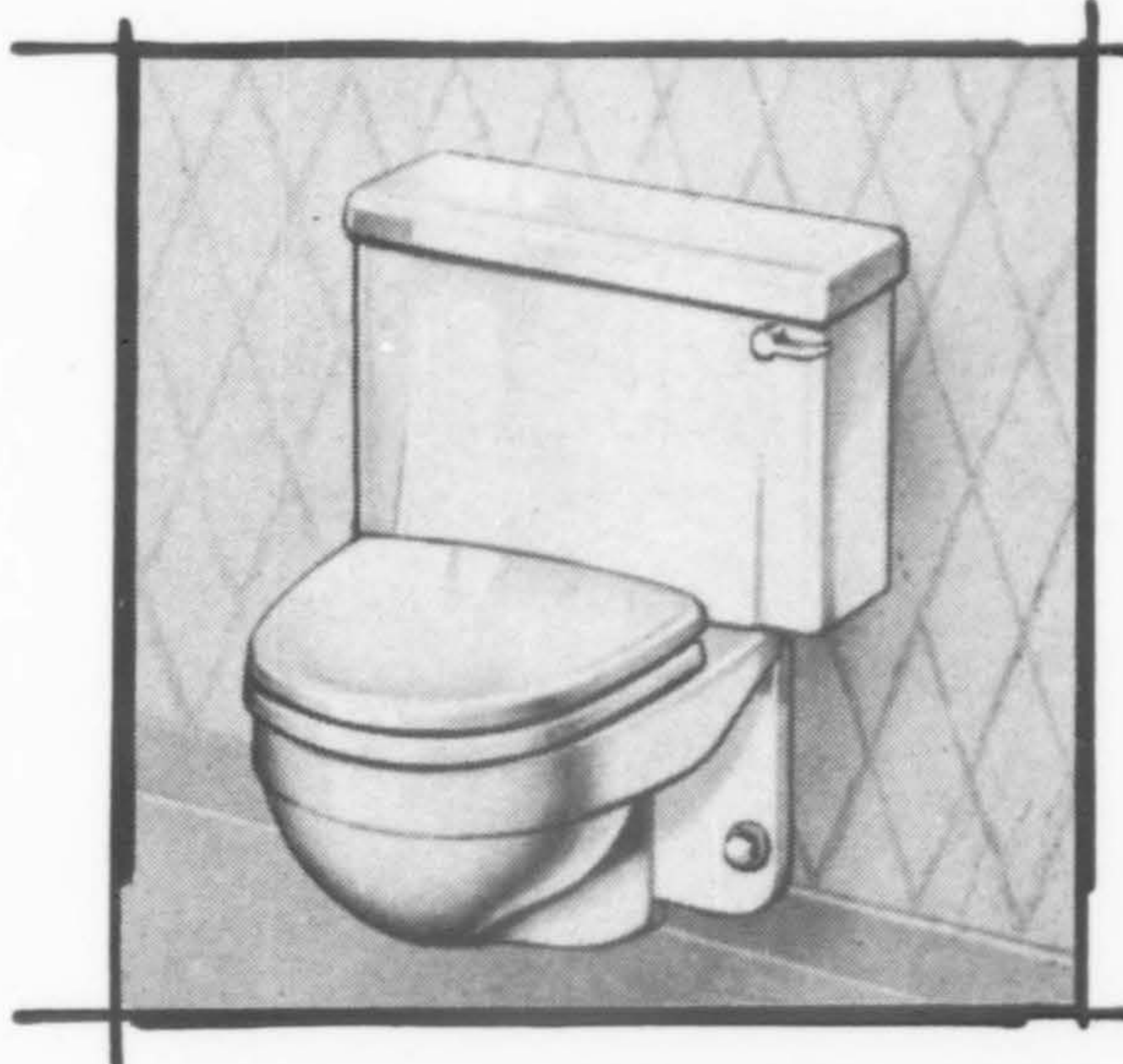
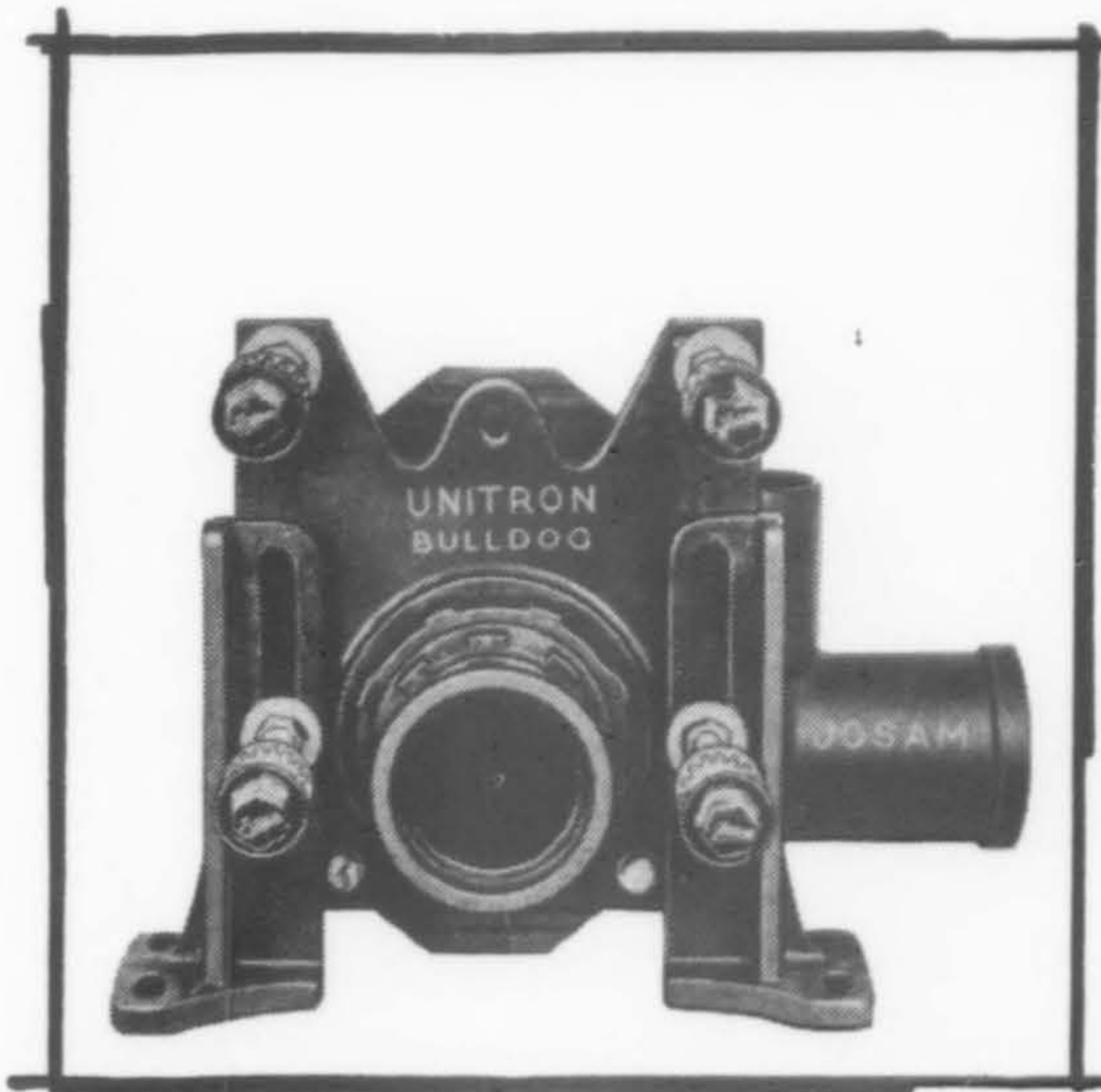


**ALAMEDA COUNTY CORONER'S BUILDING**, Oakland, is being constructed near the existing building at Fourth and Washington. Estimated cost: \$145,000. Architect: Robert L. Goetz.

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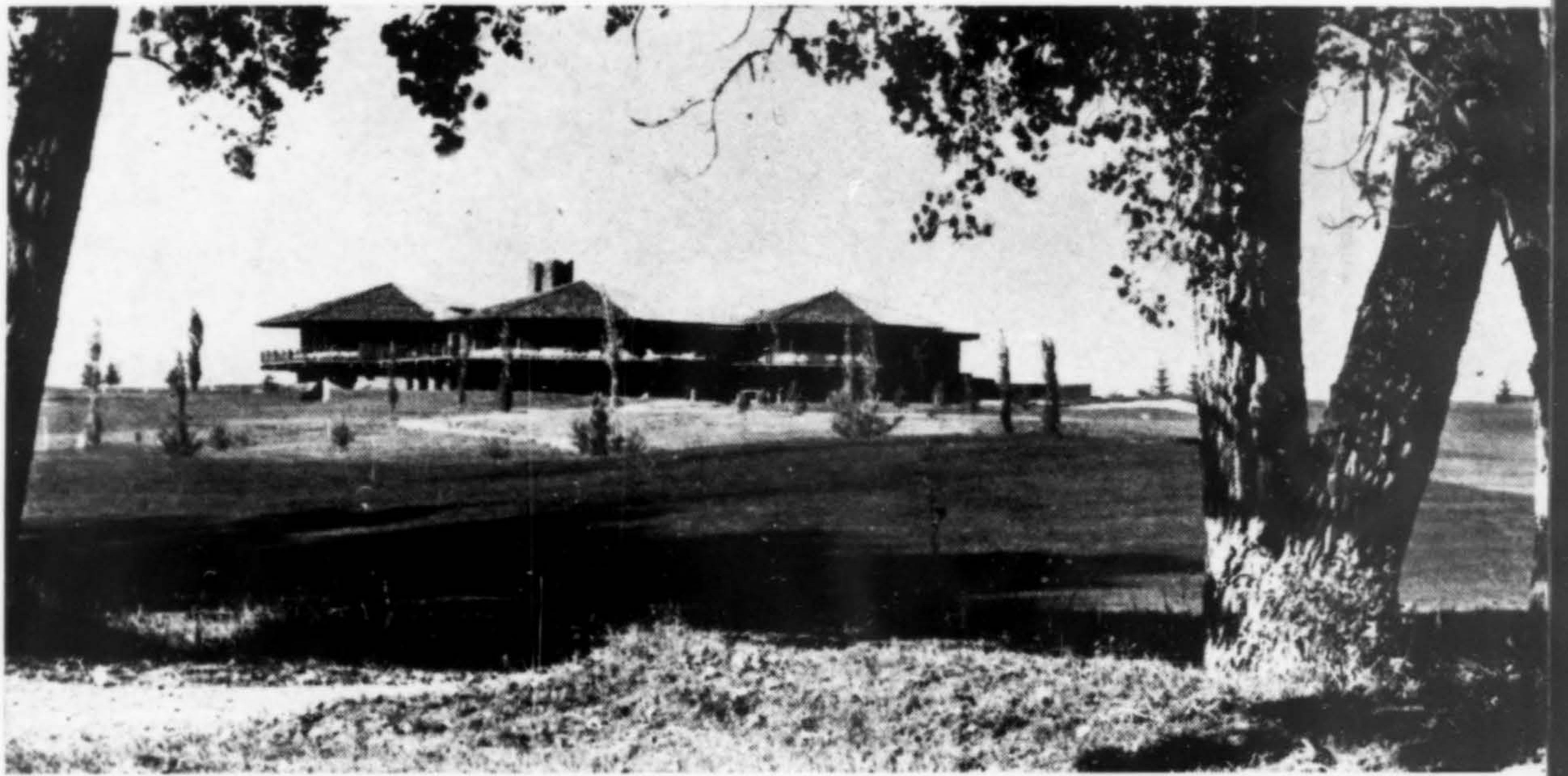
Seven equal citations were awarded to as many architects in the Western Mountain Regional AIA competition held again this year in conjunction with the 14th annual conference in Phoenix, Oct. 21-23.

A jury of distinguished architects selected the winning projects from 58 entries. Jurors were George E. Kassabaum, St. Louis, vice president of the American Institute of Architects; Charles Blessing, FAIA, Detroit; S. B. Zisman, San Antonio; Thomas H. Creighton, FAIA, San Francisco; Robert H. Royston, San Francisco landscape architect.



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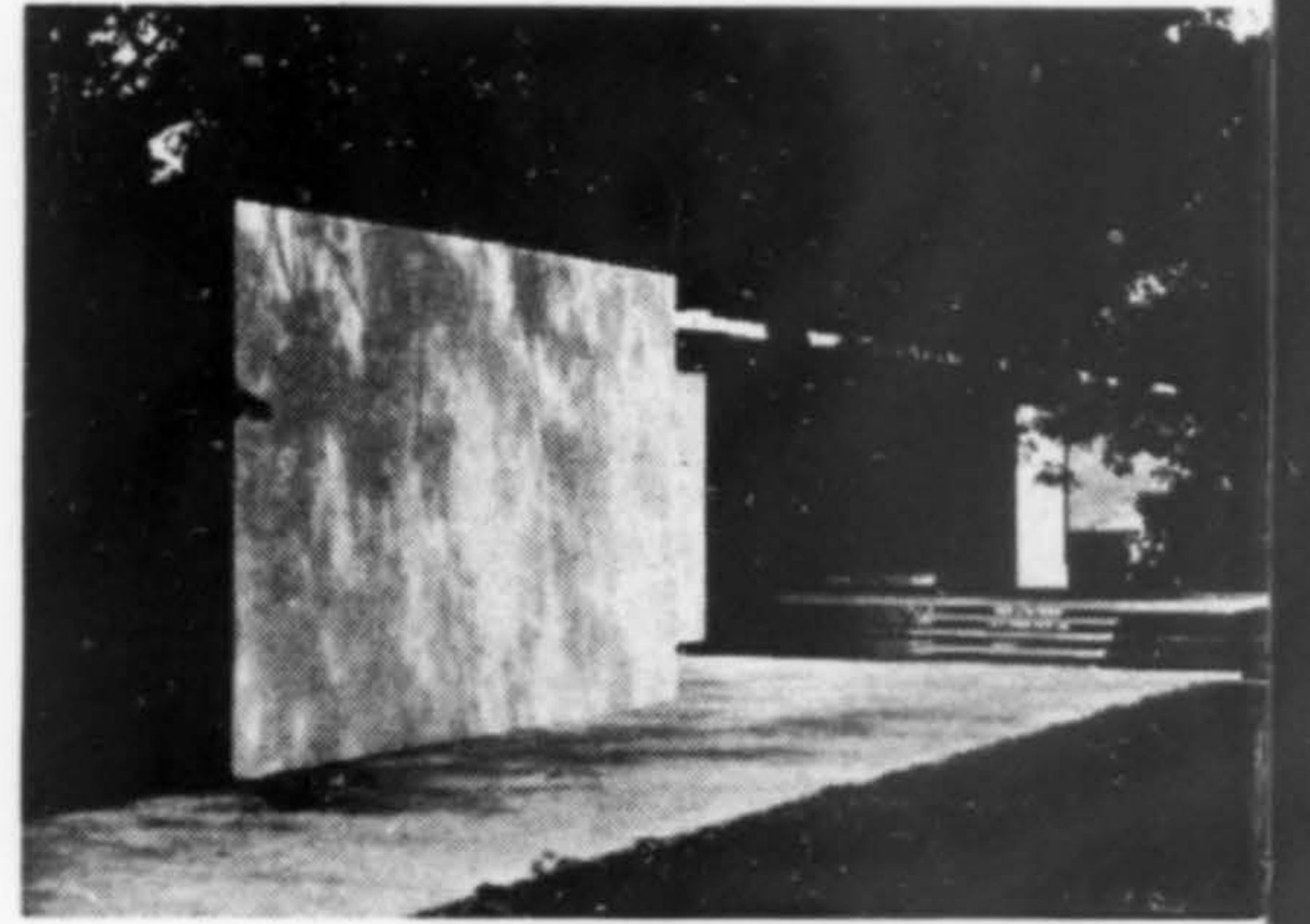


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1  
MARCUS WHIFFEN residence, Phoenix,  
Calvin C. Straub, architect.

2  
BOULDER COUNTRY CLUB, Boulder, Colo-  
rado, Hobart D. Wagener, architect.

3  
JERRY DITTO residence, Castle Rock, Colo-  
rado, James T. Ream, architect.

4  
PROFESSIONAL OFFICE building, Boulder,  
Colorado, Roger J. Easton, architect.

5  
DOBROW residence, Golden, Colorado,  
Donald R. Roark, architect.

6  
CENTRAL PARK WEST apartments, Phoe-  
nix, Delfiel and Miller, architects.

7  
FIRE STATION NO. 10, Tucson, Cain,  
Nelson and Wares, architects.



7





## New offices, associations, changes

□ The Berkeley firm of Moore, Lyndon, Turnbull & Whitaker, announce that they will function as three firms, operating under the firm's initials plus the name of the managing partner in three separate locations: MLTW-Lyndon, Eugene; MLTW - Whitaker, Washington, D. C., and MLTW-Moore & Turnbull, New Haven, Conn.

□ Donald A. Innis, chief design architect for Paderewski, Dean & Associates during the past four years, has opened his own office for the practice of architecture: Donald A. Innis & Associates, Suite 410, Bank of America Building, San Diego.

□ James K. Tsugawa & Associates, architects have opened offices at 1232 Waimanu Street, Honolulu.

□ L. Perry Pearson and Paul Weusthoff, have formed a new partnership, Pearson & Wuesthoff, AIA, Associated Architects, having terminated the firms of Pearson & Rawdon and Wuesthoff & Associates. Offices are at 1758 South La Cienga Boulevard, Los Angeles.

□ Robert E. Brown, a principal in the Los Angeles firm of Ruhnau, Evans, Brown & Steinmann for 13 years, has opened his own office for the practice of architecture at 3633 Fourth Avenue, Riverside.

□ Russell Field has joined Daniel, Mann, Johnson & Mendenhall, Los Angeles architects-engineers, as commercial projects director.

## Honors, awards, appointments

□ Five Western projects were cited in the nationwide 13th annual Industrial and Institutional Landscape and Beautification competition for 1965 and sponsored by the American Association of Nurserymen. "Plant America" awards were given to:

Ampex Corporation, Redwood City, Calif., John Carl Warnecke & Associates.

Rocky Reach Dam, Wenatchee, Wash., John B. Strander.

Aeronutronic Division of Philco Corp., Newport Beach, Calif., Linesch & Reynolds.

Bullock's, Lakewood, Calif., Ruth P. Shellhorn & Harry A. Kueser.

North American Aviation, Inc., Science Center, Thousand Oaks, Calif.

□ William J. Hess of McIver & Hess, Great Falls architects, has been appointed chairman of the zoning committee of the City-County Planning Commission of Great Falls.

□ Sanford L. Berger, partner in the San Francisco firm of Stone, Marraccini and Patterson, has been named a member of the Berkeley (Calif.) Planning Commission.

□ Victor Gruen Associates, Los Angeles, was responsible for the design and planning work for renewal projects in three American cities cited by the American Institute of Architects for excellence in community architecture. Cities receiving the awards were Fresno, California; Urbana, Illinois and Rochester, New York. All three projects were planned in the Gruen Los Angeles office. Citations were issued in 17 separate regions throughout the nation during 1965.

□ Herbert Johnson, Oakland architect, has received an award for the Warehouseman's Union Building in the Port of Oakland Industrial Park. The citation, given by the Society of American Registered Architects, was in the field of contemporary architecture.

□ William Rowe Smith, Salt Lake City architect, has been given the annual Award of Merit by the Salt Lake Chapter of the Producers Council, given each year for civic and building contributions.

## News notes

□ Frank E. Hotchkiss, vice president and director of planning for Victor Gruen Associates, Los Angeles, has been awarded a sabbatical leave and grant by the Gruen firm to undertake an independent research study of emerging metropolitan growth trends and patterns.

□ Robert Alexander, FAIA, Los Angeles, was one of two architects invited to represent the profession at the second annual Interdisciplinary Conference on Environmental Design in Washington, D. C. Sixty persons of national standing represented some 20 other disciplines at the conference.



THE TOWER of Oakland's Merritt Hospital won for San Francisco architects, Stone, Marraccini & Patterson, a 1965 Masonry Honor Award. MacDonald, Young & Nelson were general contractors. Karl H. Riek photo.

□ The University of Colorado School of Architecture has been designated one of eight Design and Development Centers for the U. S. Office of Civil Defense. The center will be administered as a department of the school and will be supported by a \$25,000 contract from the Office of Civil Defense and the Office of the Secretary of the Army.

□ Architect William Wesley Peters of the Frank Lloyd Wright Foundation at Taliesin West has been commissioned to design a one million dollar palace in Iran for Princess Shams Pahlevi, sister of the shah. The palace



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## News notes continued

will be on a 1,000-acre site atop a 3,000-ft. plateau, 20 miles west of Tehran. The design will include the palace, furnishings, landscaping, a rose garden, island dance pavilion, sports playfields and entrance gates, as well as private quarters for the princess and her family, public reception rooms, dining rooms and a covered pool and garden with aviary for exotic birds.

□ Albert C. Martin & Associates, Los Angeles architecture-engineering firm, has organized an Industrial Services Division, specializing in heavy industrial engineering projects of all types and sizes, both in this country and abroad. John Day, structural and civil engineer and a Martin associate, has been named division manager.

□ Edward A. Killingsworth, FAIA, Long Beach, is the only Westerner named to serve on the 1966 tenth annual R. S. Reynolds Memorial Award jury.

## Commissions

□ Reno architects *Ferris and Erskine* have been given the go-ahead in the preparation of preliminary plans for a proposed Sparks (Nev.) city hall complex . . . *Welton Becket & Associates*, Los Angeles, have been named to design the new \$1.7 million police building in that city . . .

*Robert Billsbrough Price & Associates*, Tacoma, in association with Minoru Yamasaki, will design a new residence hall for 400 men at Pacific Lutheran University, Tacoma . . .

...*Howard W. Frank*, Los Angeles, has been selected as architect for Sinai Temple's \$750,000 school building and chapel . . .

*Ludwig Mies van der Rohe* is designing two twin high rise apart-

□ George Hasselein, dean of the school of Architecture and Architectural Engineering, California State Polytechnic College at San Luis Obispo, was one of seven faculty members from California State colleges to participate in the United States Department of Health, Education and Welfare International Studies Project in Israel for the entire month of December.

□ Thomas Edward Bliska, partner in the Grand Junction, Colorado firm of Van Dusen and Bliska, passed away in November.

□ Harold A. Hovind, 57, partner in the Seattle firm of Hovind, Harthorne & Smith, architects, died December 7 of a heart attack in Spokane where he was attending an architectural conference. A graduate of the University of Washington School of Architecture, he was best known for school design.

ment houses and a recreation building on a six acre park site in Foster City, rising on the San Francisco Peninsula . . . *Warren Callister*, Tiburon, has been named to plan and design the Filper Corporation's proposed new \$30 million, 250-acre community in Danville . . . The Hotchkiss Company of Sydney and Melbourne, Australia, have selected *Bodrell Joer'dan Smith & Associates*, Los Angeles, to design the first major shopping center for Brisbane, Australia . . . *Kump, Masten & Hurd*, San Francisco, are designing a new Foothills Electronics Museum at Foothill College in Los Altos Hills to house the Douglas Perham collection of historic electronic devices.

## Elections

□ The Alaska Chapter, AIA, announce the following new officers:

Lucian Cassetta, Anchorage, *president*.

Edward Sands, Juneau, *vice president*.

Kenneth Maynard, Anchorage, *secretary*.

Bjarne Olsen, Juneau, *treasurer*.

Douglas Ackley and F. Wayne White, Fairbanks, W. J. Wellenstein, Anchorage, *directors*.

□ The Utah Chapter, AIA, officers for 1966:

Fred Montmorency, Salt Lake City, *president*.

Ralph A. Edwards, Salt Lake City, *vice president*

William A. Richardson, Salt Lake, *secretary*.

Kenneth W. Jones, Ogden, *treasurer*.

James W. Christopher, *director*.

□ The first full-time officers for the newly chartered Central Washington Chapter, AIA, have been elected:

Donn Rothe, Yakima, *president*.

H. Brandt Gessel, Walla Walla, *vice president*.

Vernon D. McFall, Walla Walla, *secretary*.

Gerald Mossman, Walla Walla, *director*.

□ Santa Barbara Chapter, AIA, have named the following to office:

Frank L. Greer, *president*.

Glen G. Mosher, *vice president*.

William C. Hall, *secretary*.

Robert L. Dillon, *treasurer*.

Kenneth C. Kruger, Frederick Noel and Richard Bliss Nelson, *directors*.

□ Portland Chapter, Inc., American Institute of Architects has elected officers for the coming year:

Jack Broome, *president*.

Curt Finch, *vice president*.

Marvin Witt, *secretary*.

John R. Maslen, *treasurer*.

Tom Houha and Dan McGoodwin, *directors*.

□ The following new officers for Spokane Spokane Chapter, AIA, will take office in January:

William H. Trogdon, *president*.

Walter Foltz, *vice president*.

Donald H. Murray, *secretary*.

J. Kimball Bernard, *treasurer*.

Laurel Carlson, Fred Creager and Don Ericson, *directors*.

## Address changes

CECIL R. CURTIS—30 So. Wilson Ave., Pasadena.

FRANK LAULAINEN & ASSOCIATES—50 University Ave., Los Gatos.

LEO S. WOU, AIA & ASSOCIATES—119 Merchant St., Honolulu.

M. A. STARK—259 Harloe Ave., Pismo Beach, from Fremont.

KYLE L. LORENZEN—1080 - 10th St., Boulder, Colo.

WARREN E. WALTZ—2854 Dunleer Place, Los Angeles.

KENNETH E. NORWOOD—Gregg Building, 224 E. Olive Ave., Burbank.

ARTHUR LAVAGNINO—2809 E. Foothill Blvd., Pasadena.

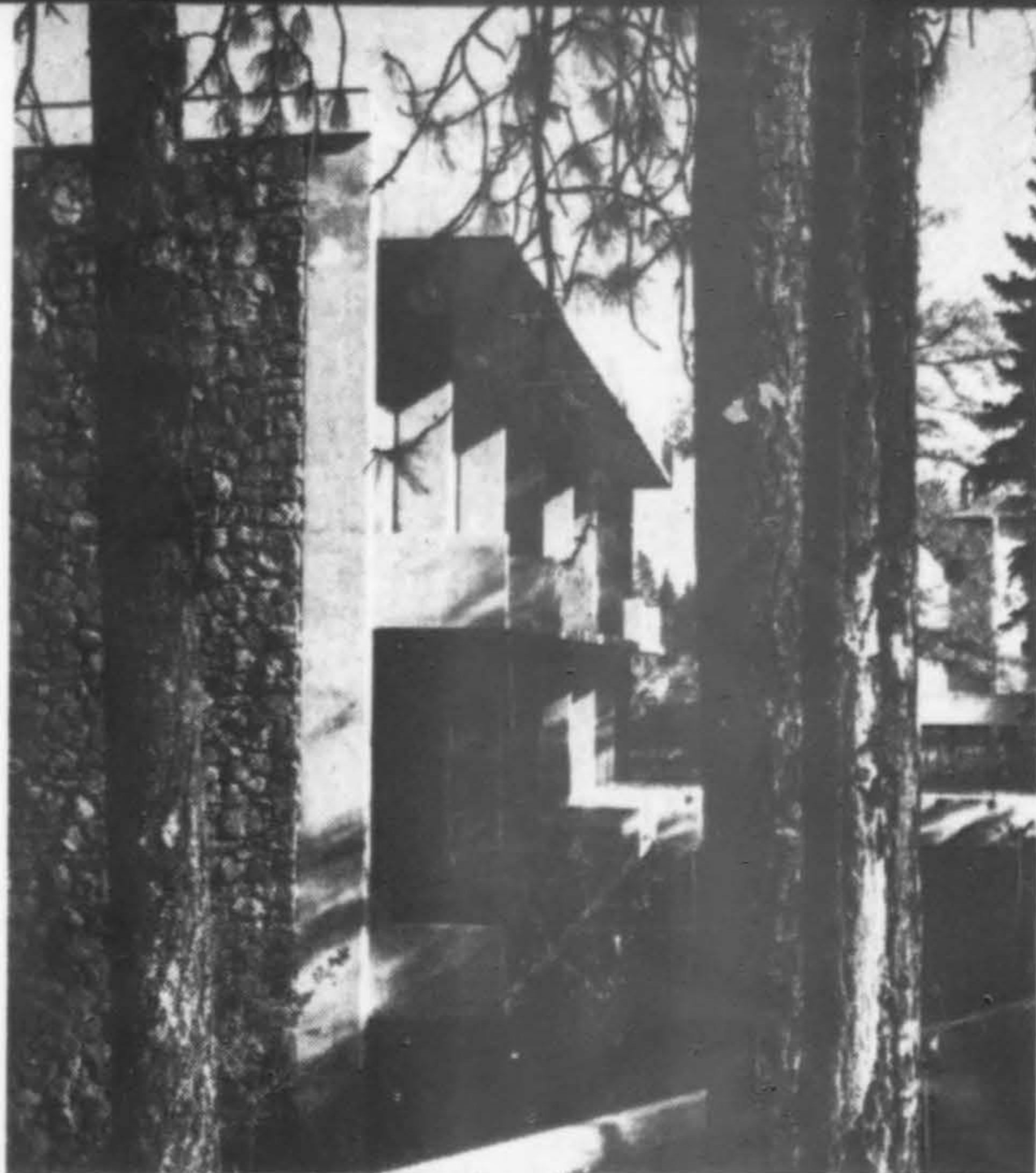
E. M. PIERCE—Tahoe City, Calif., from Arcadia.

NORMAN DYER—P.O. Box 754, Danville, from San Francisco.

ROBERT C. DUNCAN—14525 Valerio St., Suite C, Van Nuys, from North Hollywood.

CARL GAEDE—3649 Market St., No. 504, San Francisco.

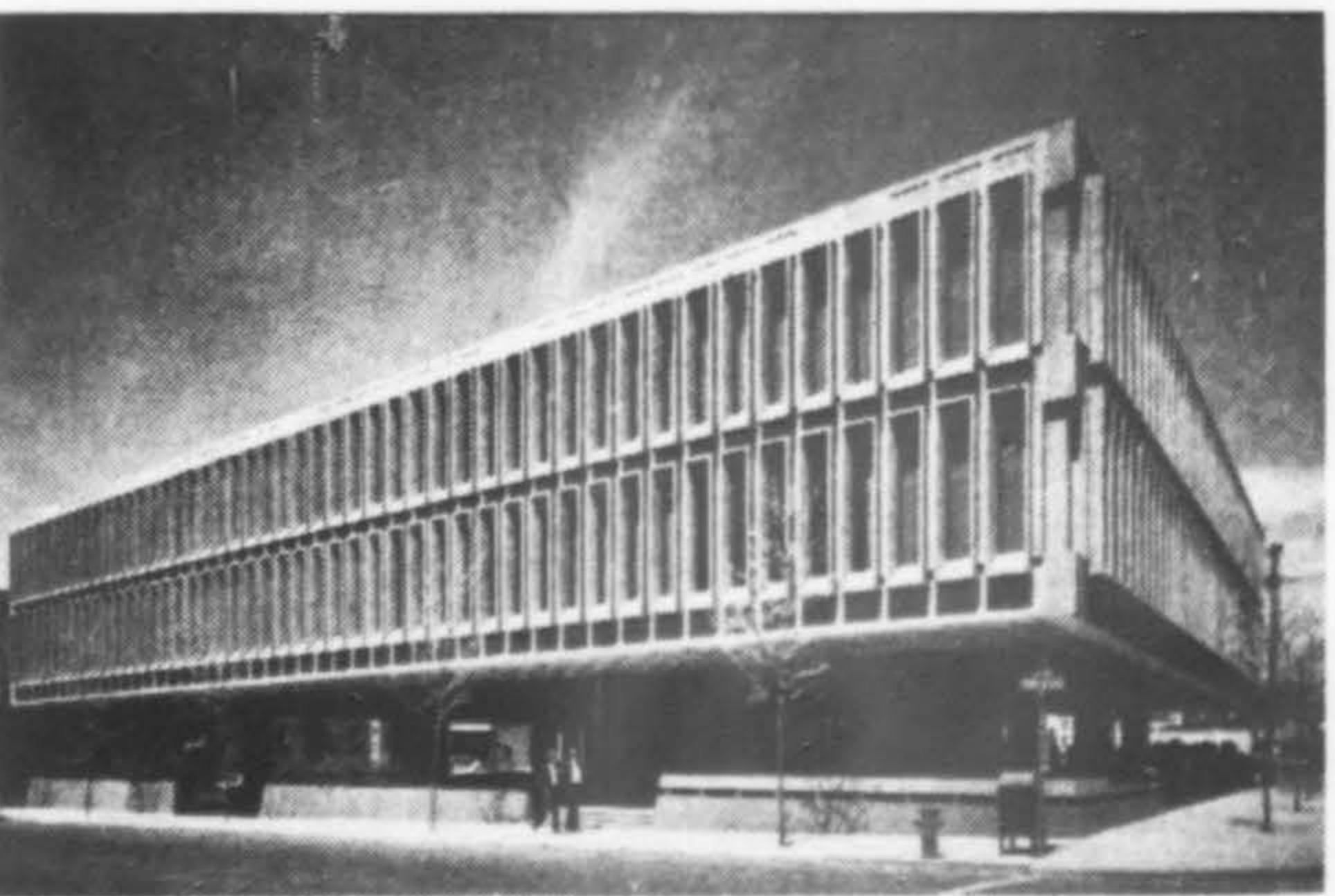
GOODWIN B. STEINBERG—90 E. Gish Road, San Jose, from Los Altos.



1



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## Architects, artists honored in Seattle, AIA annual competition

Four firms and five projects were cited in the annual honors competition sponsored by the Seattle Chapter, AIA, in December. In keeping with an annual presentation honoring an historic building in the area, a citation was presented to the present owners of the Victorian Charles Bartlett residence in Port Townsend.

Robert Nixon, Seattle, was chairman of the honors competition. Jurors were architects Saul Zaik, Portland; Royal McClure, Spokane; John M. Morse, Seattle.

In a new awards program, presented for the first time this year, the chapter gave public recognition to the work of collaborating artists of the area. Awards were given for artists' work directly related to architectural commissions and included all mediums. David Checkley was chairman of the Collaborating Arts committee and jurors were Paul Hayden Kirk, FAIA; Boyer Gonzales, dean of the School of Art, University of Washington; Edward Thomas, associate director of the Seattle Art Museum; Gordon Woodside, gallery owner; and Don Scott, artist and former gallery owner.

### HONOR AWARDS

1. I.B.M. OFFICE BUILDING, Spokane; Kirk, Wallace, McKinley & Associates, architects.
2. A. O. BUMGARDNER REMODELED HOUSE-OFFICE; A. O. Bumgardner, architect.
3. KING COUNTY MEDICAL SERVICE CORPORATION building; Grant, Copeland, Chervenak & Associates, architects. (See pages 16-18)

### AWARDS OF MERIT

4. MAGNOLIA BRANCH, Seattle Public Library; Kirk, Wallace, McKinley & Associates, architects.
5. PARKE, DAVIS & COMPANY Seattle sales office; Bindon & Wright, architects.

### ART AWARDS

Sculpture by Glen Alps, Seattle Public Library, Main branch; Bindon & Wright, architects.

Fountain by James FitzGerald, Seattle Center Playhouse; Kirk, Wallace & McKinley, architects.

Mural by Guy Anderson, Seattle Center Opera House; Priteca and Chiarelli, architects.

Bronze sculpture by Harold Balazs, Norton Building; Bindon & Wright, architects.

Entrance gates by George Tsutakawa, Lake City branch, Seattle Public Library; John Morse & Associates.

PHOTOS, top to bottom: Bob Nixon; Paul Hayden Kirk, FAIA; Royal McClure; George Tsutakawa; David Checkley; Al Bumgardner; John Morse; Guy Anderson and Mayor Dorm Braman; Saul Zaik and John Wright.



Hugh Stratford photos



*Where the architects hang their hats . . .*

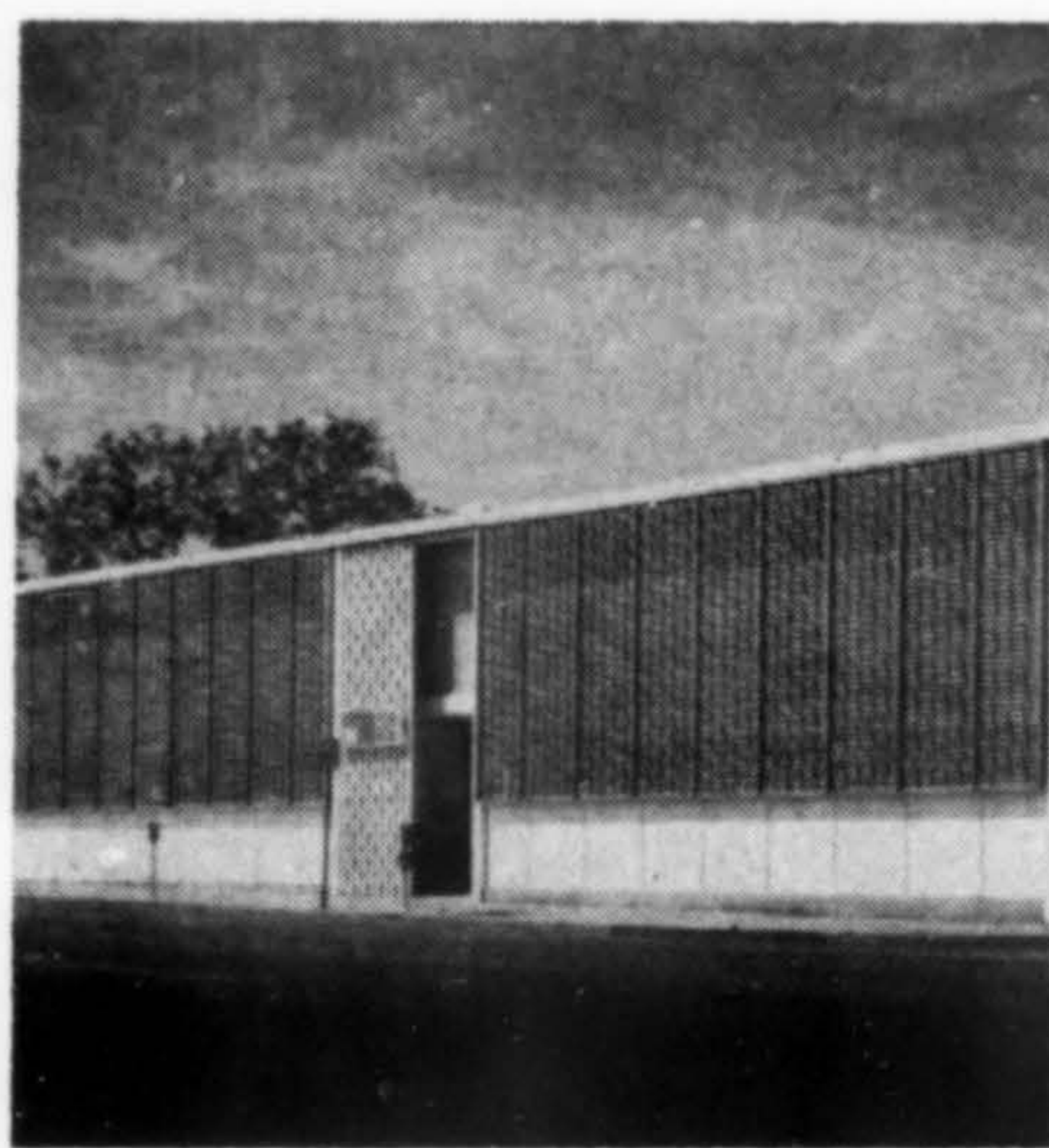
JOE JORDAN & ASSOCIATES

Burbank, California

PRINCIPAL DESIGN interests of the Joe Jordan firm are in the fields of institutional, governmental and industrial projects. Consequently, a staff geared for performance and productivity in these fields forms the nucleus of the office personnel.

The Jordan practice originated in 1952 and the present staff has been in the office a minimum of five years. Principals are architect Joe Jordan; Bert R. Levine, senior associate; Arthur H. Weikal, structural engineer; Tom Hoshizaki, chief draftsman. In addition, the firm also employs two senior draftsmen.

Offices are in a building designed by the Jordan firm. The architects occupy 2,000-ft. on the second floor with the remaining 1,000-ft. rented to architectural representatives of ceiling and lighting materials. The entire first floor is rental space, all occupied. The building is a fire resistive structure on a narrow lot, 25x156-ft. with a total area of 5,000-sq. ft.



*Concrete block exterior walls with Transite panels glazed as though they were glass have anodized aluminum gold louvers (Brise Soleil) on south and west exposures, necessitated by the extremely narrow lot. Entrance to the office is immediately at the top of the stairs, through sliding glass doors of American Saint Gobain Beadex, leads directly into reception area.*



In Seattle:

## Governor's Conference on *Design for Washington*

By MAXINE CUSHING GRAY  
Arts Editor, Seattle Argus

CAUTIOUS CREATURES that they are, elected officials tend to wait for a go-ahead nod from the public, or from men of the top echelon, before they risk any new directions.

The Governor's Conference on Design for Washington filled the bill beautifully in both departments. The busy two-day, statewide ingathering of over 300 "do-gooders and the good-doers", Dec. 3 and 4 at the Seattle Center, was called by the young engineer, Daniel J. Evans, who became Washington's Republican governor exactly one year ago. His opening salute set the tone:

"The urgency of economic growth should not place a permanent scar on our state. We must be concerned with advancement of *human* resources, as well as natural. And to all your planning, there must be an end in sight." Adding that "affluence also means satisfaction of the spirit," Governor Evans said with deep seriousness, "I assure you the full and complete support of this administration for the steps you are about to take."

The conferees not only backed the governor by applying themselves solidly to the problems of area design, air and water pollution, town and city design, and arts in the environment (summary reports will be available to the public), but already have made a start in the more difficult field of implementation.

One promising sequel is the "Washington State Urban Study Tour of Europe" (May, 1966), announced three weeks after the Design conference by its able chairman, Langdon Simons Jr. Cosponsors are the only woman member of the Seattle City Council, Mrs. Harlan H. Edwards, and John Wright, immediate past president, Seattle chapter, American Institute of Architects.

This brings up a fact of artistic life in these parts that demands recognition: the extraordinary civic-arts activity of architects. Not the least of their skills in an area edging warily from a period of rough economic exploitation to more civilized delights is their ability to communicate in both directions, between the artist or planner and the person who writes the checks or passes the necessary legislation.

Helping to organize the Conference and actively involved as panelists, for instance, were these architects:

Robert L. Durham, A.I.A. vice-president and former chairman of Seattle's Municipal Art Commission ("This conference is impressive in both the quality and variety of people attending"); James E. Hussey, another former Arts Commission chairman; Robert W. Evans, presently chairman of the State Arts Commission and a founder of Tacoma Allied Arts; and Kenneth W. Brooks of Spokane, vice-chairman of the State Arts Commission and a most quotable panelist ("I believe that to cure ugliness the people of a town or city have to get 'turned on.' . . . Democracy has given us the privilege to be rugged individualists. . . . Democracy has also given us the privilege to team up, and *this* system we are just now beginning to learn to use in curing the ugliness in our cities. . . . What's the good of a Conference if it does not explore new outlooks, new ideas?")

The design influence of University of Washington-trained architect Minoru Yamasaki hung like a beneficence over the delegates as they moved under the arches of the Pacific Science Center, which is the Detroit architect's contribution to the Seattle World's Fair of 1962; a new AIA film on urban planning set the tone at the outset

of the conference; and substantial ideas were contributed by Victor Steinbrueck, originator of the hour-glass design for the Seattle Center's Space Needle, and Jack Wright, who zeroed in on a key point with his remark that "we need a method of organizing the citizenry."

Another immediate sequel of the Design Conference was Governor Evans' pointed suggestion in a Dec. 8 speech in Spokane that "the state should lead in the creation of better things for its residents," so pointed that a long-sought development was announced within a fortnight by the State Highway Commission: plans will be announced soon for a competition in which architects and engineers throughout the country will be invited to submit ideas for bridge and highway designs.

Two points stressed throughout the Conference deserved reiteration, and got it: (1) The need to augment the work of volunteer committees by hiring professionals, particularly *design teams* to include, as Kenneth Brooks persistently suggests, not only an architect and a landscape architect but "a sociologist, historian, sculptor and graphic designer;" and (2) the imperative need to start education for "visual literacy," in Robert Durham's phrase, or "taste for the amenities" at every level of schooling.

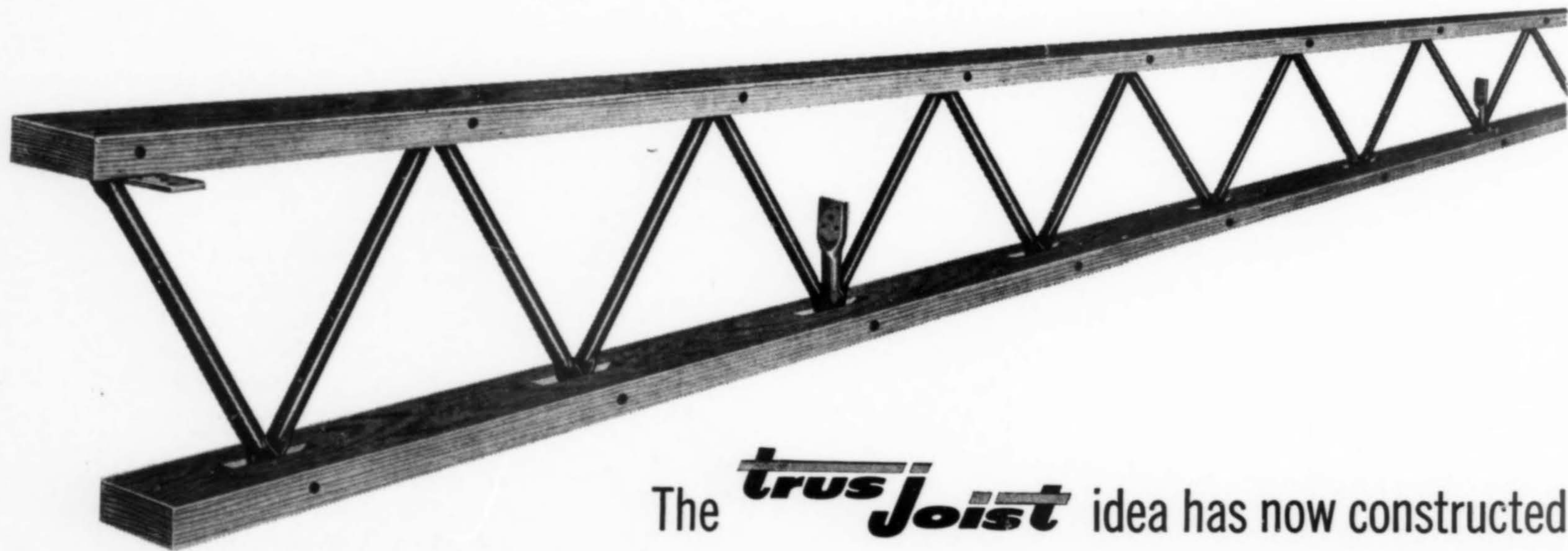
As a panelist for "Arts in the Community" with former Washingtonian Edgar Kaiser and John Hauberg Jr. and Victor Steinbrueck, I tried to cut through this visually-oriented conclave with a few remarks about the importance of professional *performing arts*, to add bite and depth to any community. This great new rush to the arts in all parts of the country vents itself too often in hiring architects, which is lucky for them, and putting up civic structures; but then the selection and nourishment of artists to fill these buildings with life and excitement too often is not allowed the same level of public responsibility. Sponsorship becomes a social frivolity of the Establishment, and unwittingly the public is kept at arm's length from what it had been called upon to support as its own repertory theater, or ballet, or symphony orchestra.

A new social dimension, deeply anchored in democracy, must be added to the performing arts. Perhaps the architects can lead in this direction as well as they have in others.



No army  
can withstand  
the strength of  
an idea  
whose time has come

—Victor Hugo



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## In Phoenix:

# Governor's Conference on Arizona Beauty

CONCERNED CITIZENS and knowledgeable professional people more than doubled the expected attendance at the Governor's Conference on Arizona Beauty held in late August. Some 700 registered (countless others attended single sessions during the two-day event) for the conference in the Towne-House convention hall, Phoenix.

Governor Sam Goddard, answering President Johnson's call for state-sponsored conferences aimed at saving the environment from creeping ugliness, listed Arizona as the first state to implement such a conference. In welcoming delegates, Governor Goddard cautioned: "The things we treasure most in our great state are beginning to deteriorate. The litter of civilization is all around us, but if we do something about it now, we will avoid the great rebuilding problems later." Secretary of the Interior Stewart L. Udall, keynoting the conference, warned that Arizona is at the crossroads: "We will either preserve our beauty or become a smaller and smoggier suburb of Los Angeles."

Garrett Eckbo, principal in the landscape architectural firm of Eckbo, Dean, Austin and Williams, Pasadena, drew the heaviest applause when he suggested that parts of housing, building and zoning codes that place arbitrary and negative restrictions on urban design must be removed. "We need freedom to design by persons who are competent, and then require self-policing by these people to make them responsible for what they do." He was also emphatic about the need for education: "The American public is not prepared by education at all to judge its environment in qualitative terms."

Mark E. Keane, Tucson city manager and president of the International City Manager's Association, urged that each city set its own goals. "If federal programs will help us achieve them, then let us be wise enough and courageous enough and honest enough to use them."

Keane was as emphatic as Eckbo about the need for education: Open

the eyes of children in our schools before they become immune to ugliness. His second approach to solving the problem: organize the citizens of the community to work on signs, utility wires, clean house-keeping and general esthetics. Dramatize the problem.

Immediate enforcement of laws regarding water pollution within the state and the amendment of existing state enabling acts regarding air pollution as soon as possible were listed as urgent items. The governor has been requested to ask the Board of Regents of the state colleges to establish schools of Urban Design and Landscape Architecture citing the need for public agencies to have more well trained designers to effectively administer development controls.

The long list of beautification aims made public covered every aspect of urban and rural preservation and improvement from the burying of utility wires, air and water pollution control, to a new approach to roadside littering and vandalism. Recommendations called for establishment of state commissions and committees, appointment of a permanent, paid state director of natural beauty, a state-wide citizens advisory council, an annual Governor's Conference on Arizona Beauty.

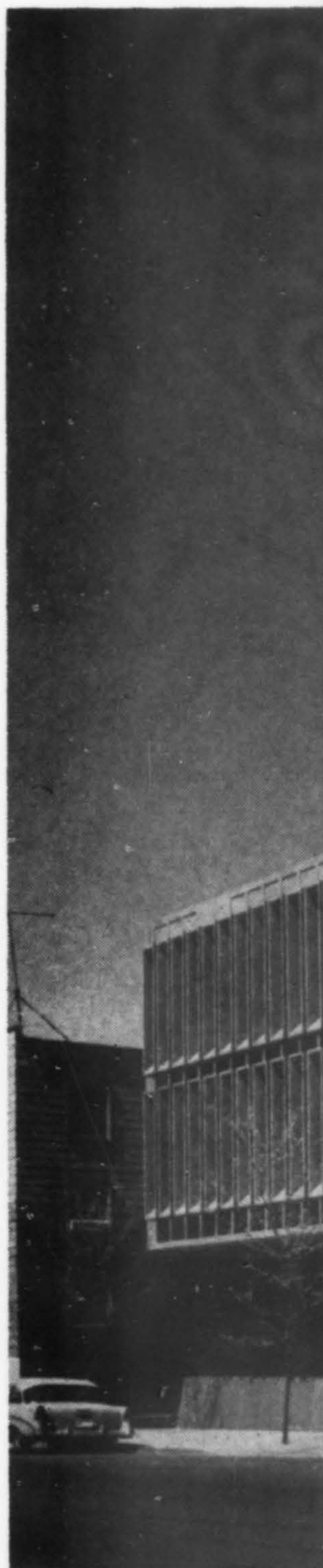
The conference asked the state to put its recommendations into action by creating new administrative machinery and tightening laws that will protect and enhance urban and natural beauty.

Governor Goddard pledged action if, in return, he receives a strong consensus of support. "I want to do the very best I can with your recommendations, but don't expect things to happen quickly. I hope we will get a consensus so strong that I can recommend these aims with the power of law." (In Arizona's present state governmental system, the governor lacks power to put recommendations into immediate effect.)

Lewis Ruskin, president of the Valley Beautiful Citizens Council, served as an able conference chairman.



*Its former site threatened by a downtown freeway, King County Medical Service Corporation seven years ago acquired a new site at downtown Seattle's northeast edge. The Corporation's move to their new quarters this past year showed real prescience in site selection. This handsomely designed building is the first new major structure in an area of aging buildings, mostly of frame construction. Yet proximity to the retail core marks this area for intensive development. The architects have by their restraint in establishing the building's color and form and by sophisticated detailing created a really urbane building. Our cities need a great many more of them.*





SMALL URBAN BUILDINGS

1 / *Seattle*

KING COUNTY MEDICAL SERVICE CORPORATION



GRANT, COPELAND, CHERVANEK  
& ASSOCIATES

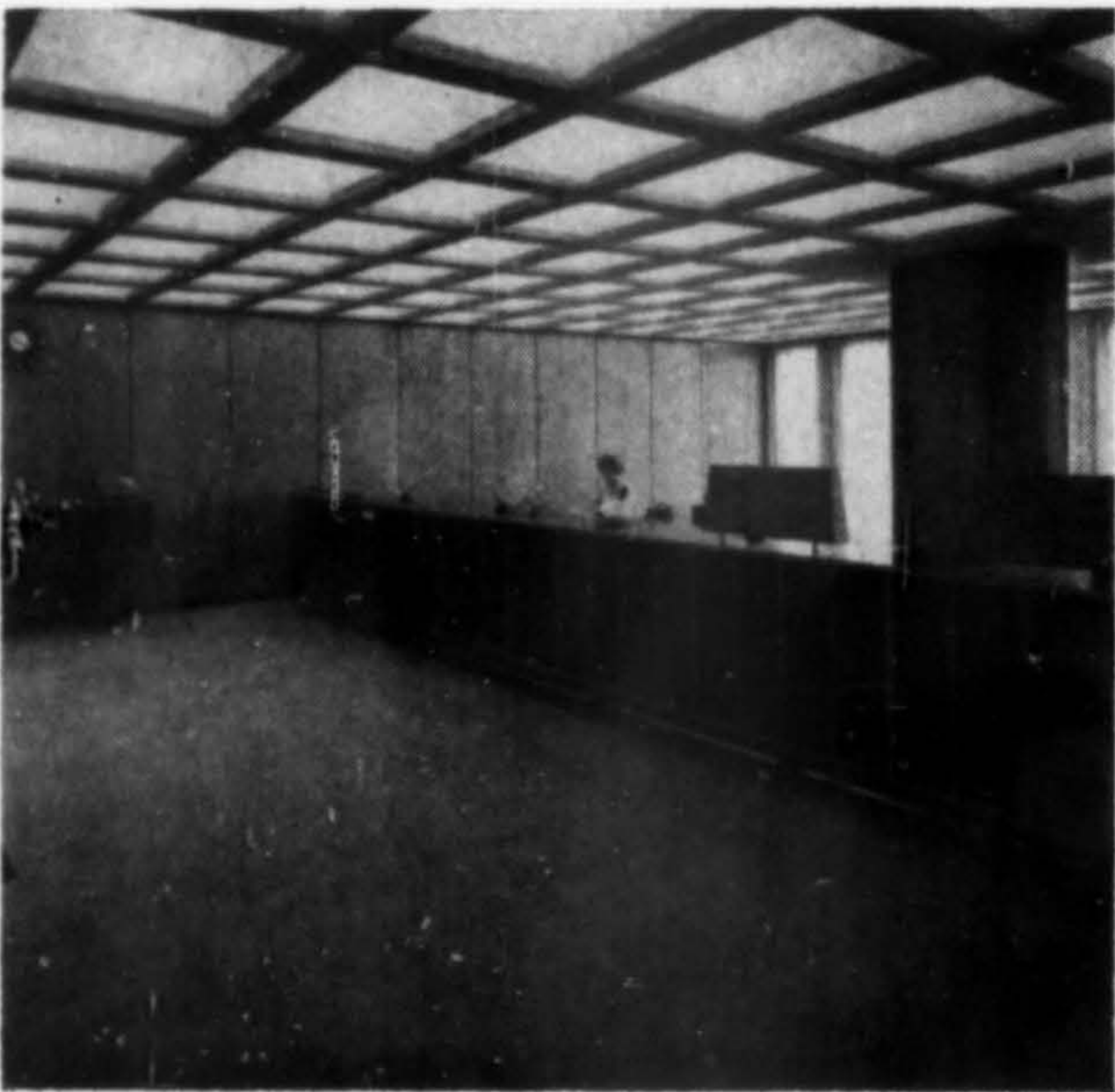
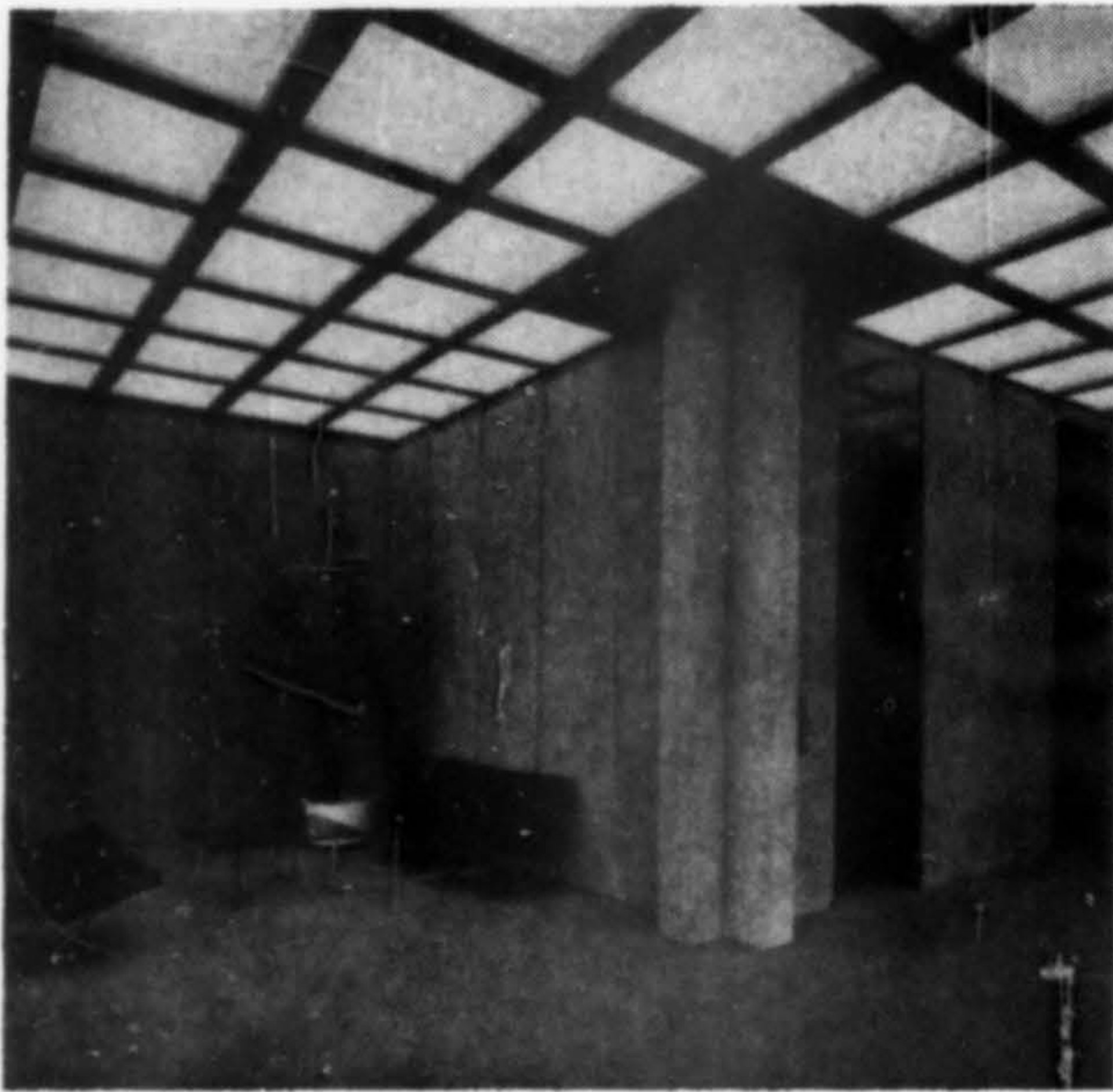
ARCHITECTS

BAUGH CONSTRUCTION CO.

GENERAL  
CONTRACTOR



Hugh N. Stratford photos



## 1 / Seattle

### Small Urban Buildings

THE ARCHITECTS set five goals as program requirements for King County Medical Service Corporation's new building:

- to design a completely flexible office space;
- to provide the opportunity for the maximum number of module points for repositioning the movable office-partitioning system;
- to provide a pleasant environment in the working spaces of the building where one could see outdoors;
- to express the concrete structure throughout—with concrete of sophisticated finish;
- to provide a stimulus to upgrade the surrounding area.

In solving these problems, floor and roof systems of post-tensioned structural concrete have been employed. The coffered undersides of the floors and roof become a dominant design element. Into the carefully finished concrete coffers, lighting has been recessed. Flexibility is achieved through the use of movable partitions with a raised floor system making electrical and mechanical utilities accessible.

King County Medical serves more than 265,000 members in its use of the entire second floor and a portion of the third floor. Two related organizations, the Washington State Medical Association and the Washington Physician's Service, are tenants on the third floor. The ground floor level is devoted primarily to parking for 52 cars, with only the lobby and elevators enclosed. Parking under a building with adjacent entrance to the building is a practical planning device in our auto-oriented cities. Seldom has this feature been turned into such an asset. The pool-fountain-bridge entry enlivens the scene for both the building user and passers-by.

#### Consultants included:

- Structural: Harvey R. Dodd & Associates
- Mechanical: Kane & Ervin
- Electrical: Howard Johnson & Associates
- Sculptor: Norman G. Warsinske
- Landscape Architect: William G. Teufel

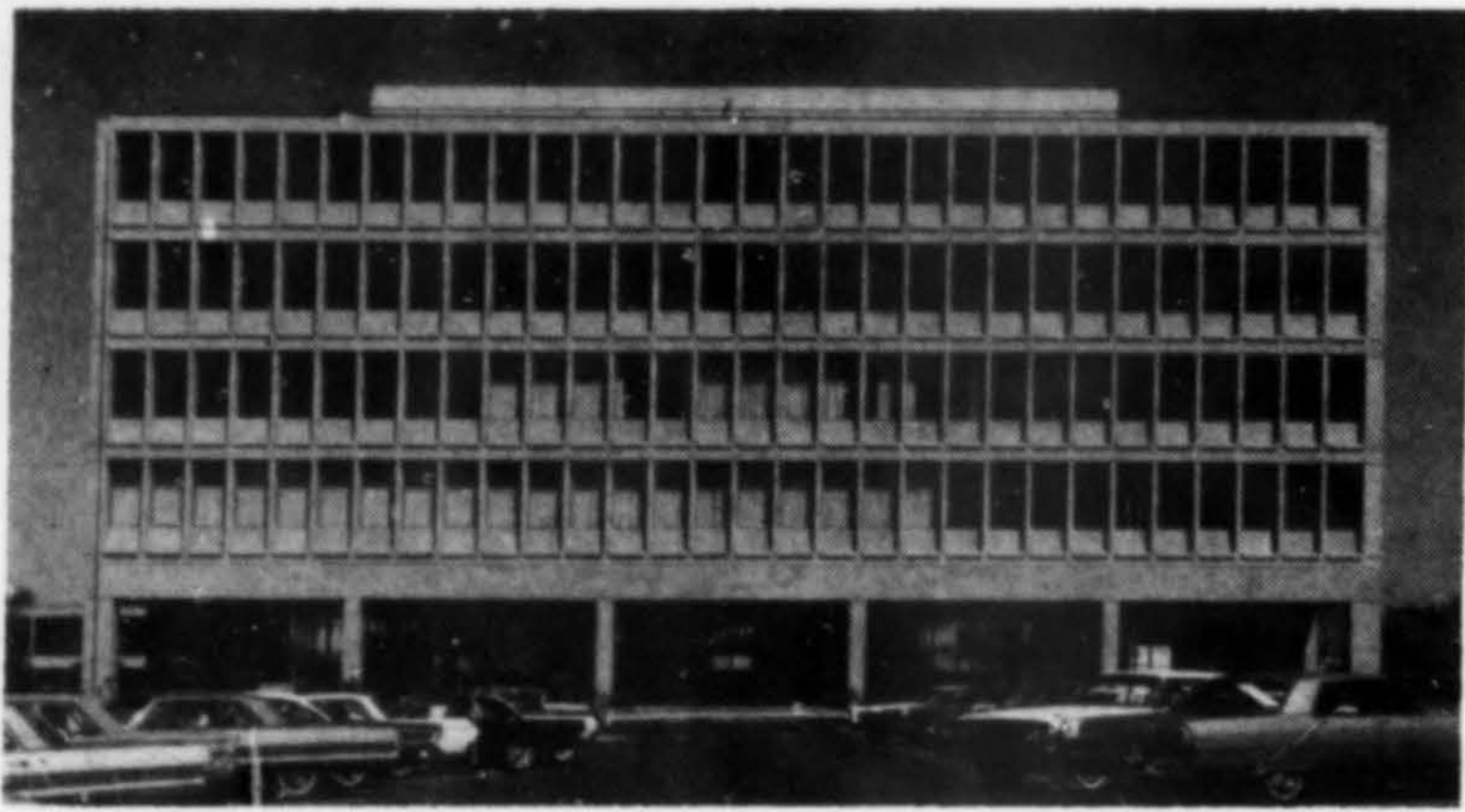


**SMALL URBAN BUILDINGS**  
**1500 PLAZA OFFICE BUILDING**

SKIDMORE, OWINGS & MERRILL  
C. L. PECK, CONTRACTOR, INC.

*2 / Portland*

ARCHITECTS  
GENERAL  
CONTRACTOR



THE LLOYD CORPORATION'S basic request was for a multi-tenant office building of 50,000 square feet net rentable area which could be erected in minimum time, at minimum cost. Space rental was to be in the first-class range, including full central air-conditioning, modular ceiling construction.

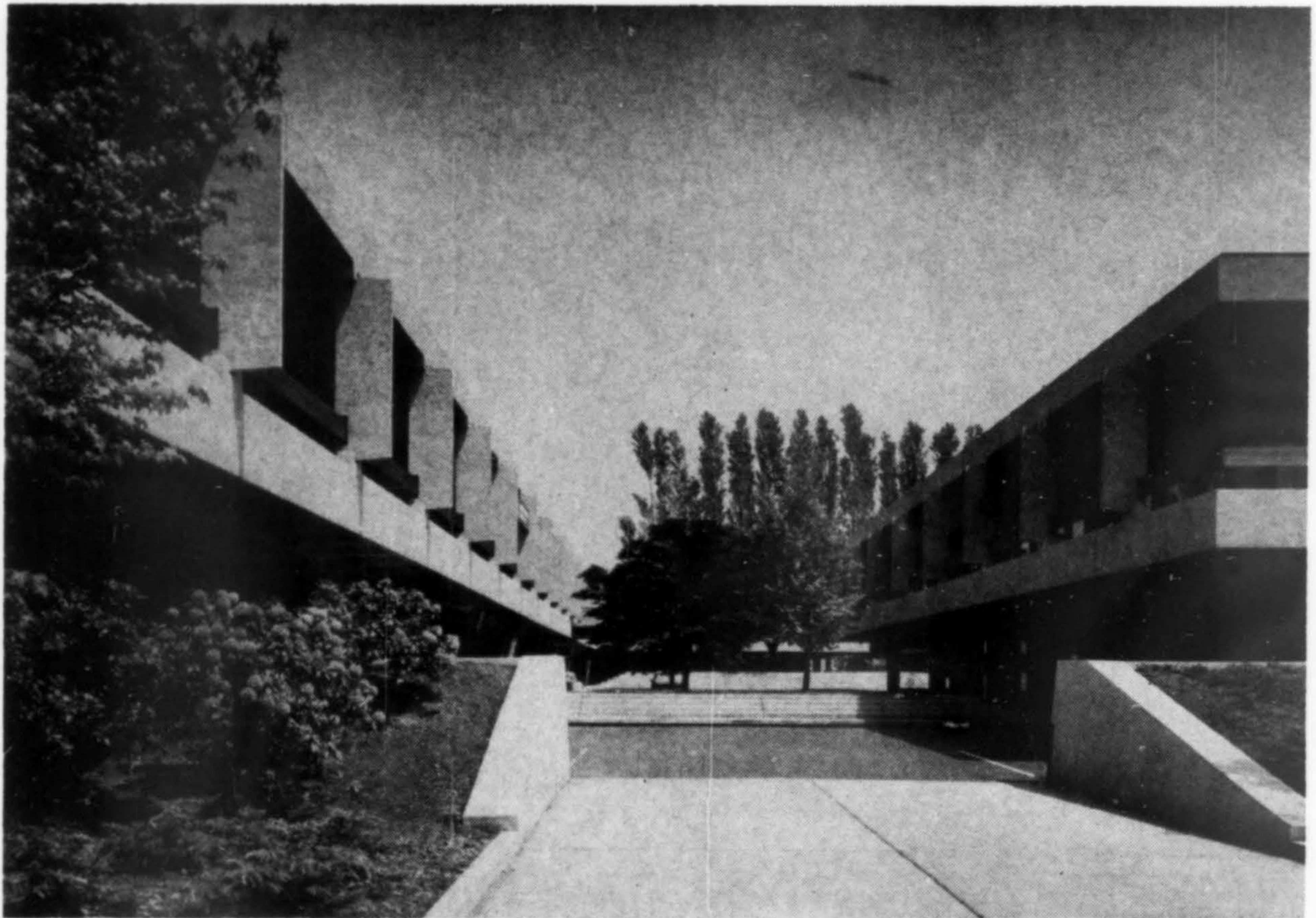
Directly across the street from the Lloyd Plaza (done earlier for the same owner by Skidmore, Owings & Merrill, see photo below), the structure was located

at the north end of the site. A future second building will occupy the south portion of the block connected to the first by a two-level underground garage.

A five-story structural frame of exposed reinforced concrete (Cooper & Rose, structural engineers) was chosen to exactly match Lloyd Plaza. A combination of pre-cast and site-cast concrete is seen in the building's exterior. All columns, transfer girders, spandrel beams are cast-in-place in plywood forms. The spandrel panel and protruding sill element under the window are pre-cast in steel forms. All concrete exposed to view was carefully controlled for uniformity of the special color additives and received a sand-blasted texture similar to the Lloyd Plaza project. A final spray coat of silicone waterproofing reduces the darkening effect caused by rain.

Close cooperation allowed a very rapid project schedule. Initial space programming started in November, 1963; construction started in June, 1964; the first tenants occupied the building in June, 1965.

*The previously - built Lloyd Plaza (shown at right) is a complex of four interconnected buildings situated in a park-like setting around open landscaped courts. The visual impact of the automobile is suppressed in the one-story buildings situated on top of covered depressed parking. The four office structures are designed on a 5-foot modular basis utilizing a 30x30' concrete structural bay. Like the Plaza office building across the street, this project also is entirely rental space. Covered parking, sign control, landscaping all produce a controlled environment.*

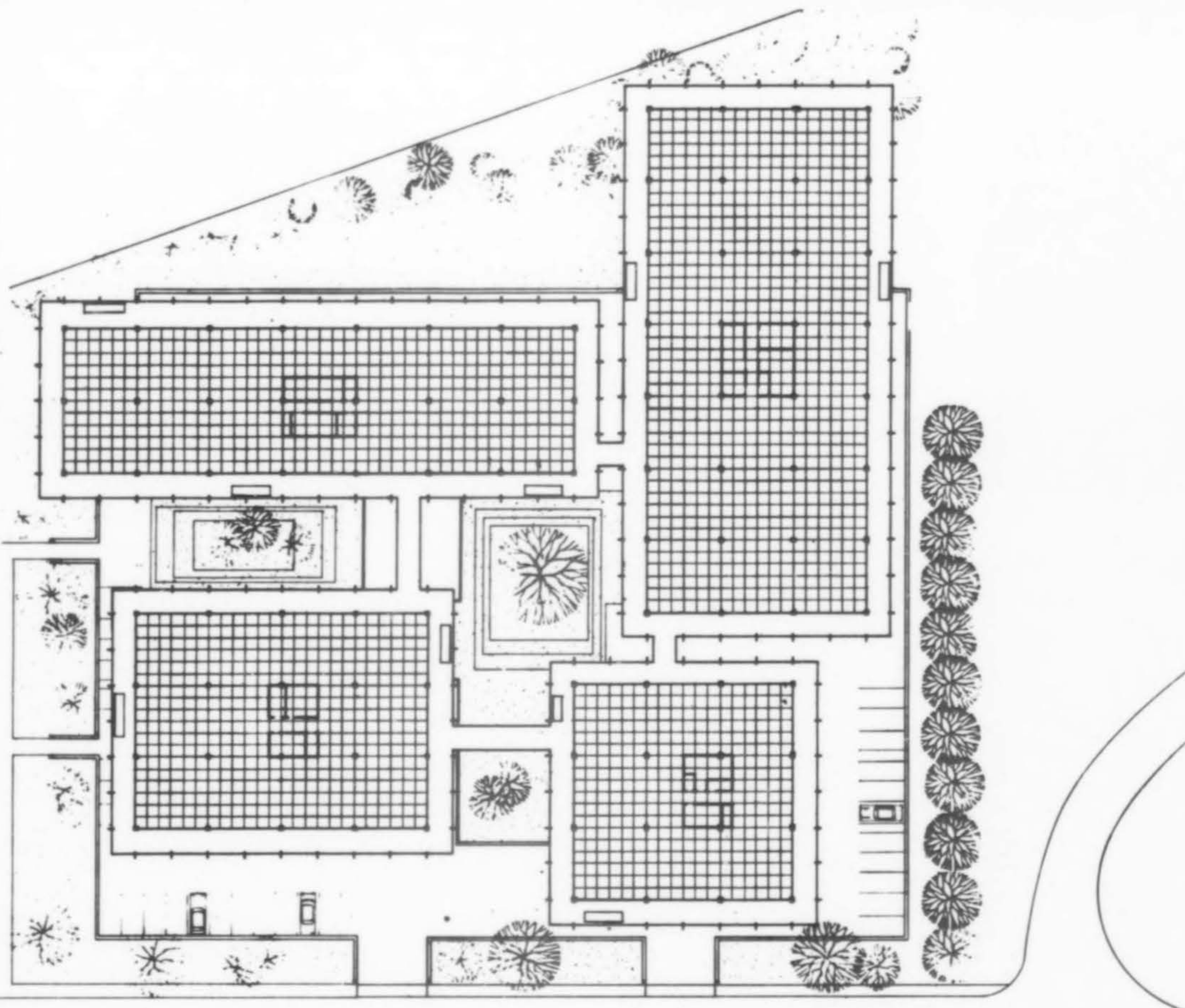
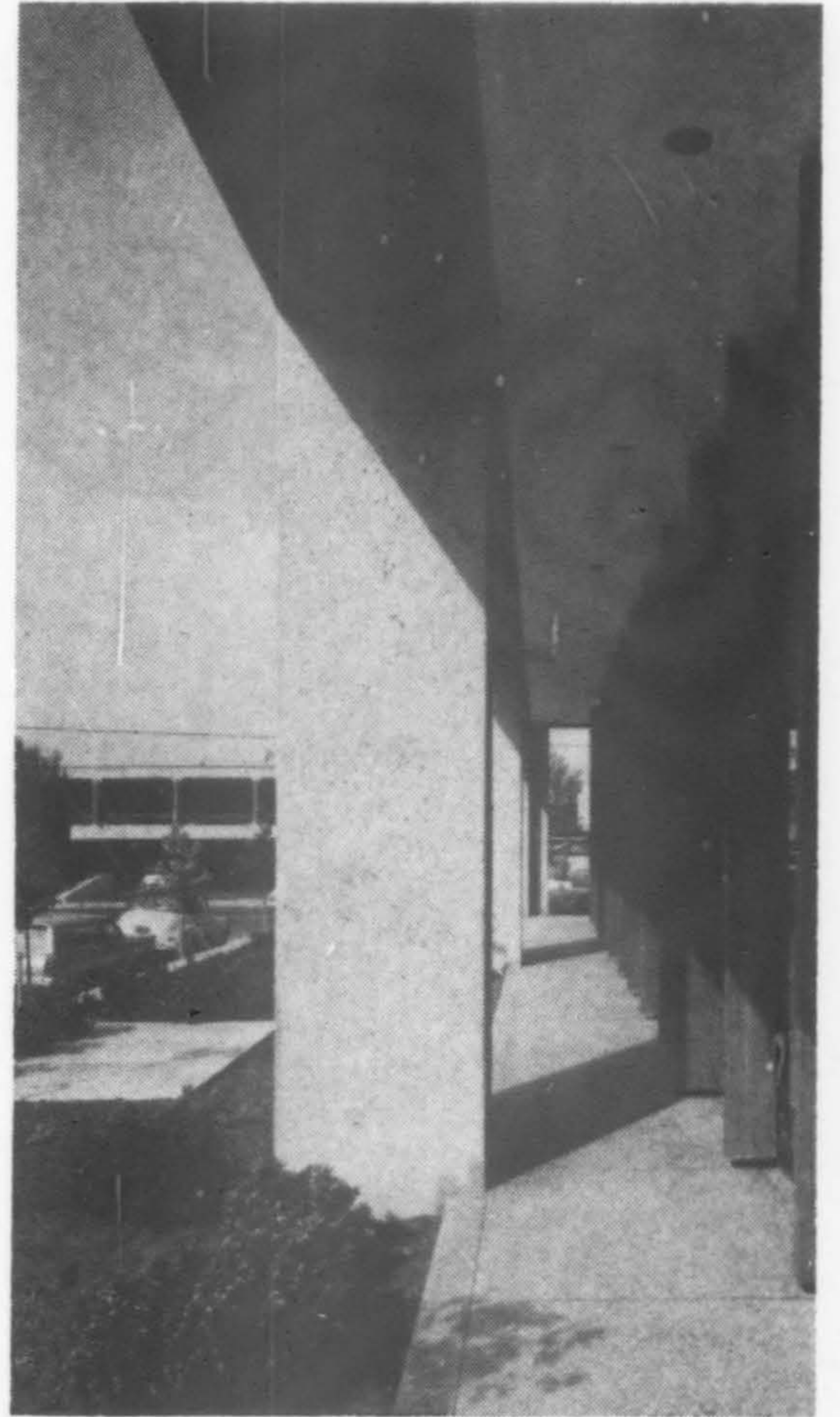


Morley Baer photo

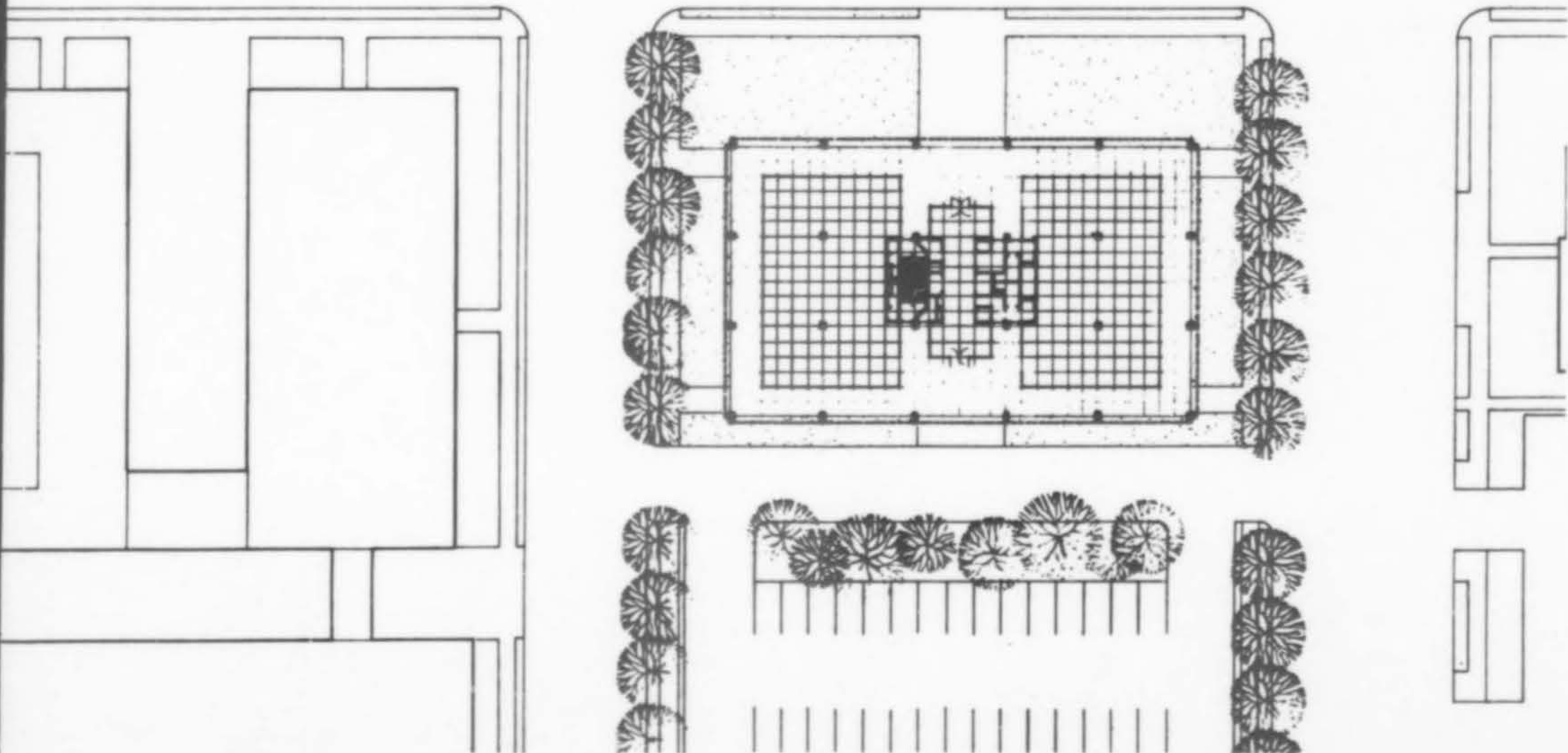


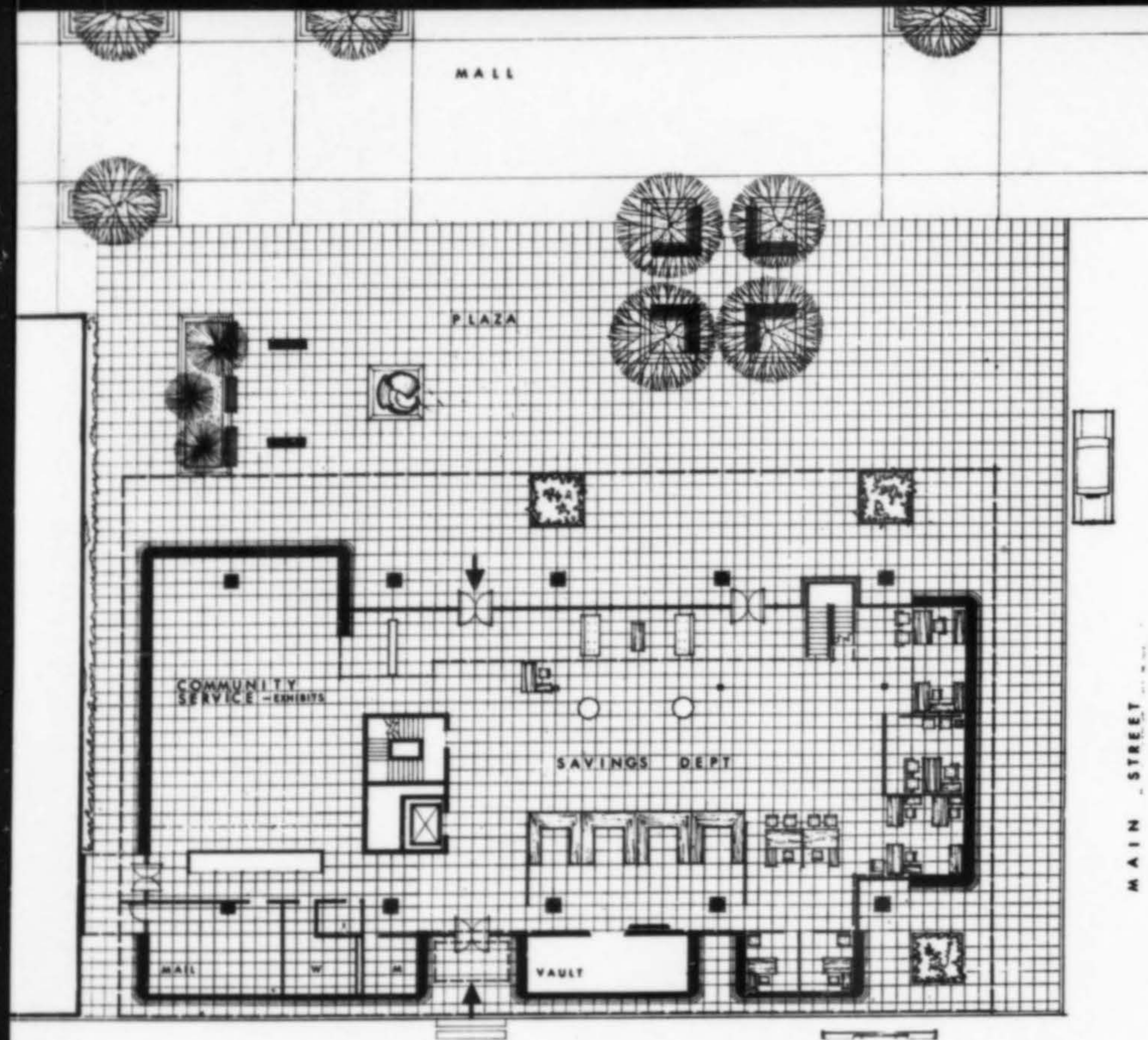
2 / Portland  
Small Urban Buildings

Edmund Y. Lee photos



N. E. IRVING ST.



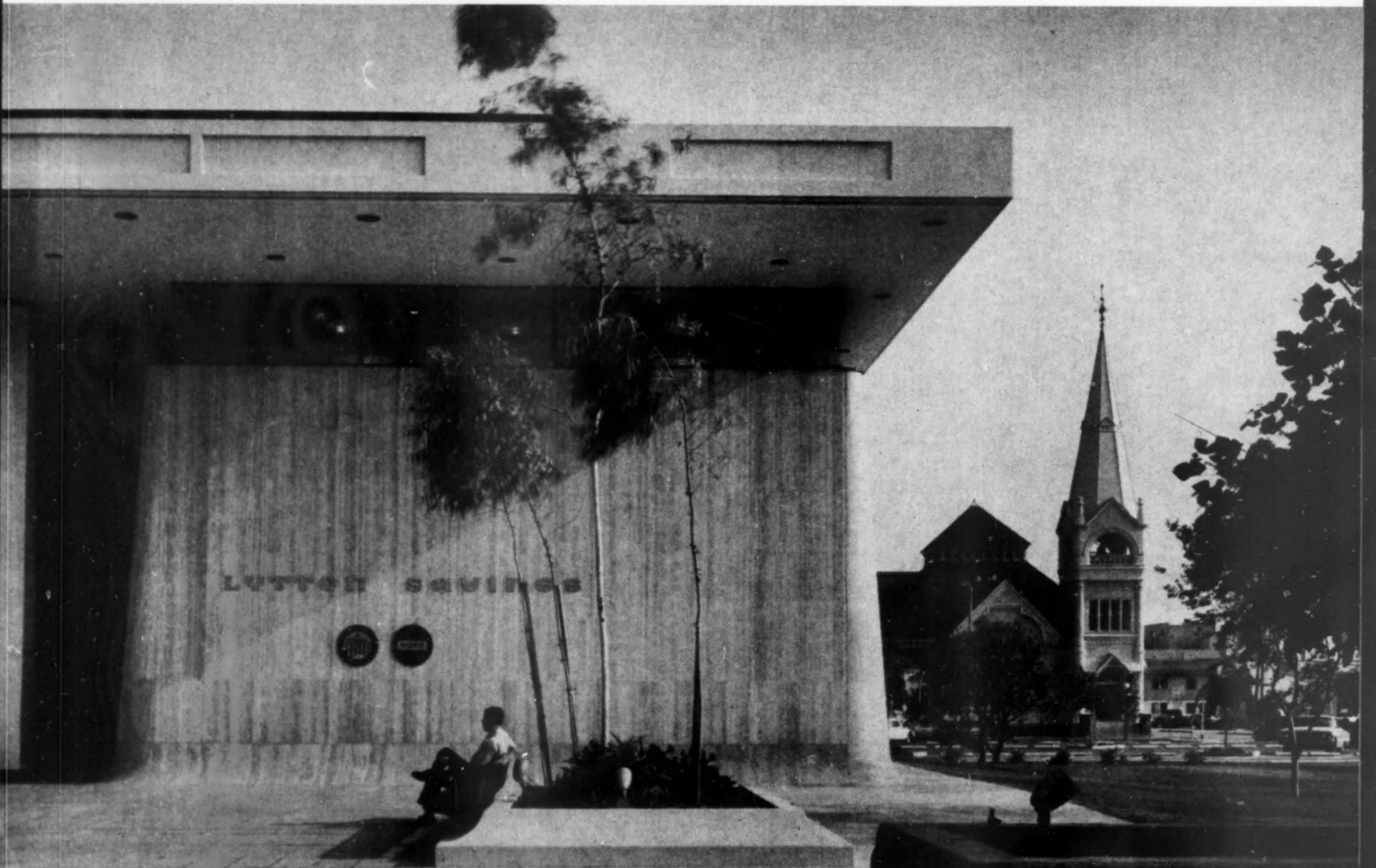


## Plaza plan extends original city Mall

REGIONAL OFFICE  
Lytton Savings & Loan Association  
Pomona, California



*The proposed design and the Lytton plan for building on only one-half of the land and dedicating the other half to public use was submitted to Millard Sheets, who was responsible for design of the original Mall. The concept was heartily approved. The building and plaza are first increment of the projected total redevelopment of both sides of Pomona Mall West 300 block, except for the existing bank corner. An interesting note: the coved exterior walls have tempted bicycle riders to try scaling the wall.*



KURT MEYER & ASSOCIATES  
Architects

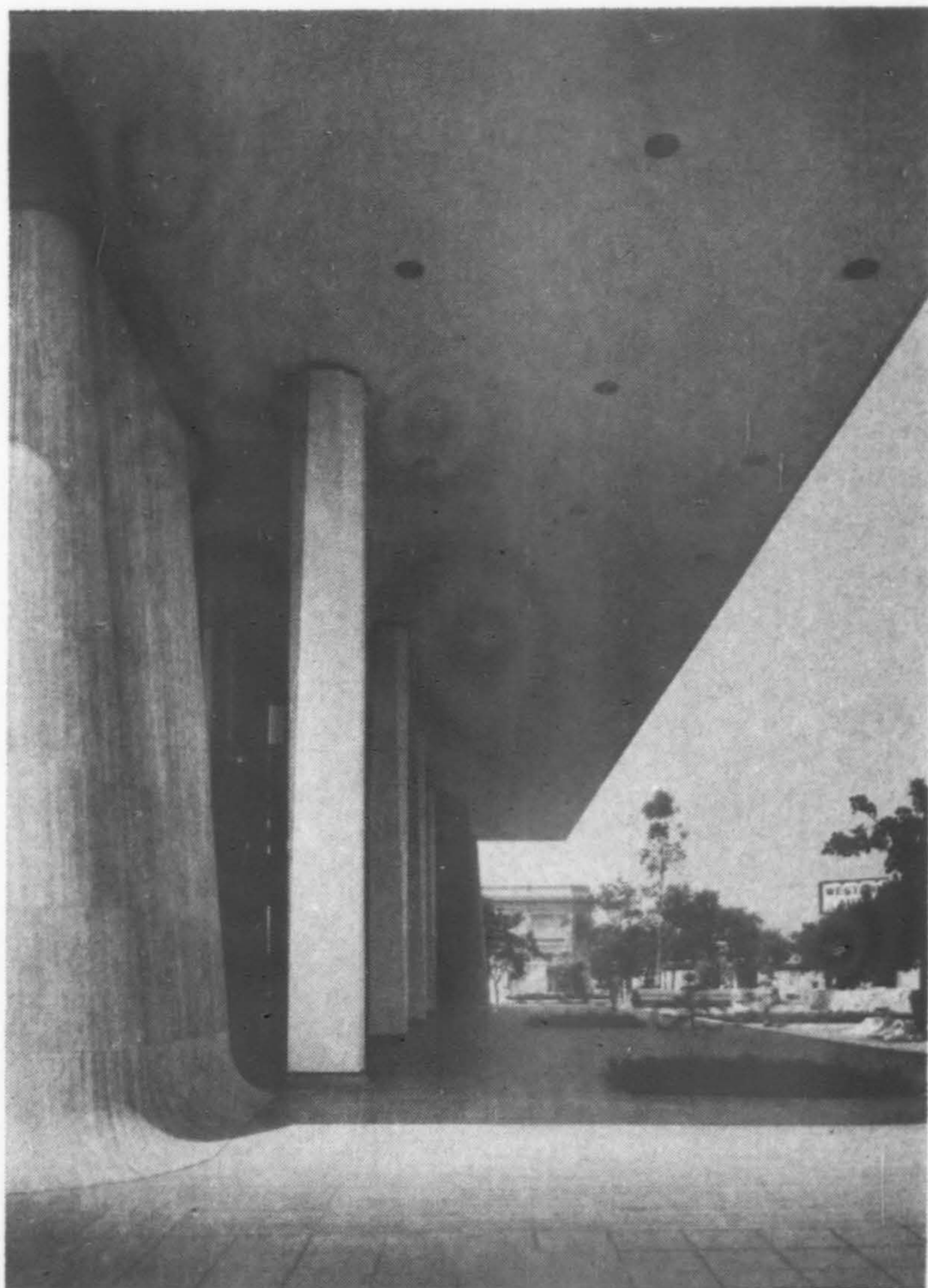
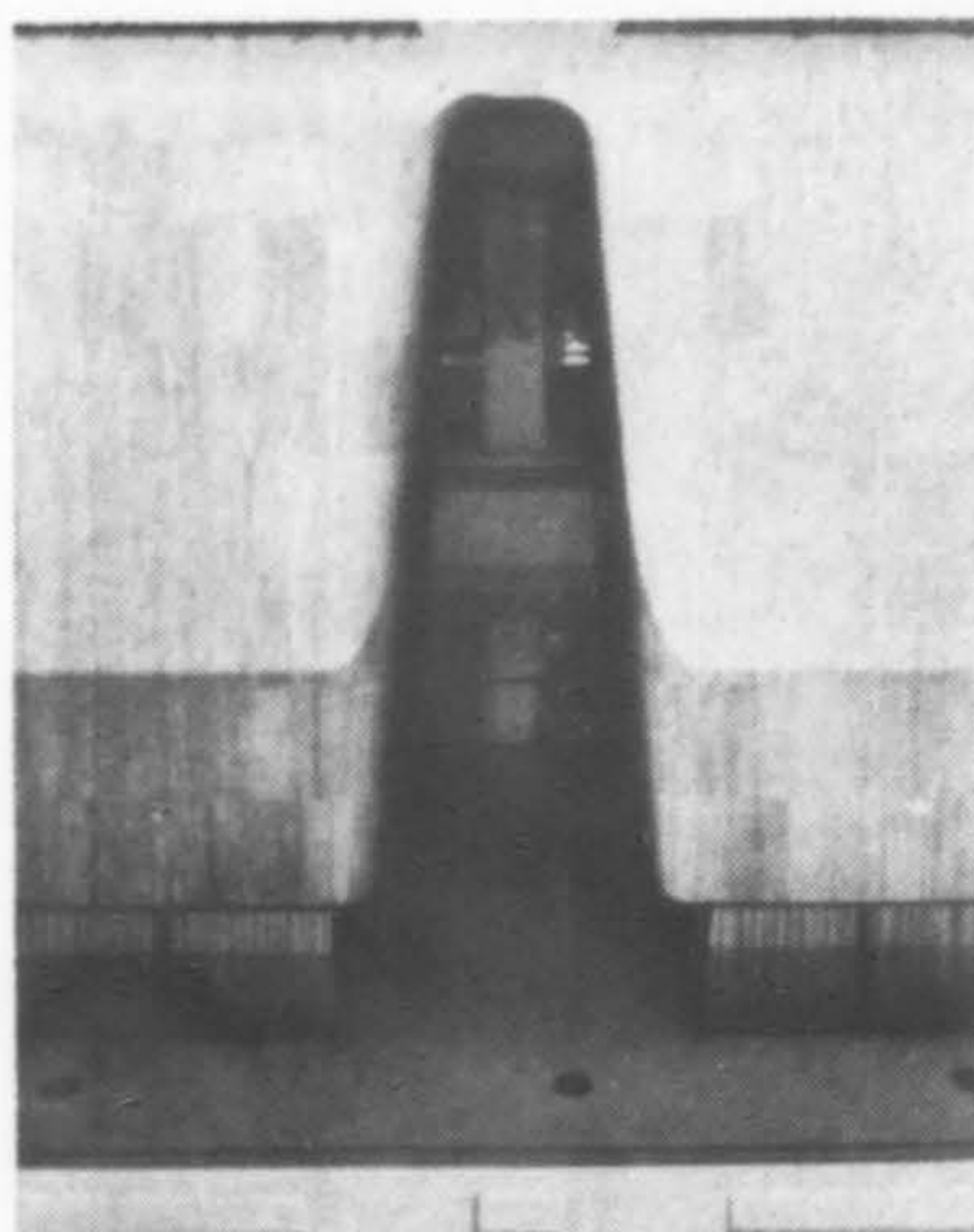
CASNER CONSTRUCTION COMPANY  
General Contractor

Johnson & Nielsen, Structural Engineer  
Ayles & Hayakawa, Mechanical Engineer  
Saul Goldin & Associates, Inc., Electrical Engineer  
Robert Herrick Carter & Associates, Landscape Architect  
Adele Faulkner, Interior Designer

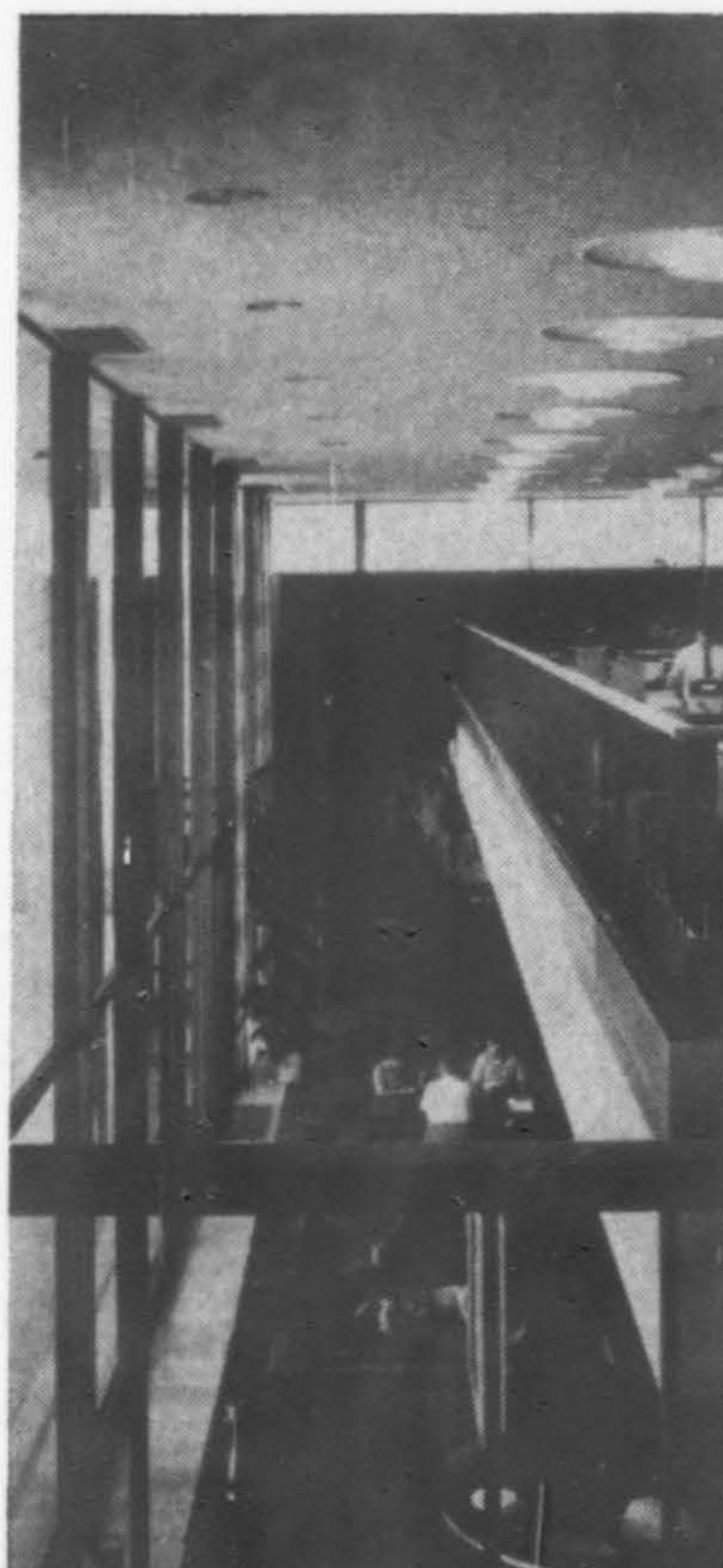
A REGIONAL OFFICE to become an extension of the Pomona Mall and form a nucleus for redevelopment of the west end of the Mall: the client's request has been fulfilled by this newest of the Lytton Savings & Loan Association branches. Already associated with the Mall address for a period of years, Bart Lytton and the Board of Directors took a long look at the Mall development and elected to remain in the west end location when it became obvious the firm had outgrown the older building. It was hoped this would provide the necessary impetus for the more slowly developing west end in which no large business had as yet located. The decision was reached on the basis that the Mall promised to be a catalyst for rejuvenation of the downtown area.

Land adjacent to the old site was purchased on both sides, resulting in single ownership of three half-blocks on the Mall, exclusive of the United California Bank building. With this scope, the architects designed the offices to include planning for the ultimate development of the entire area and based the design on the concept of the creation of a plaza as being an extension and enlargement of the Mall around which various new businesses could locate and which would accommodate civic activities, concerts and gatherings.

The building emerged as a high-roofed pavilion seeming to float over massive sloping walls of Italian travertine. These walls alternate with high glass areas which reveal the interior functions. The travertine, with rounded corners and coved base on the walls, is used to pave the plaza and carried through into all interior floors. All columns are white concrete and the roof is white concrete post-tensioned slab with white MoSai sculptured fascia. The decorative features and landscaping are designed to integrate the plaza with the Pomona Mall. The two-story building has a total floor area of 18,800 sq. ft. (9,400 sq. ft. on first floor, 7,750 on the second). It was formally occupied on April 1, 1965.

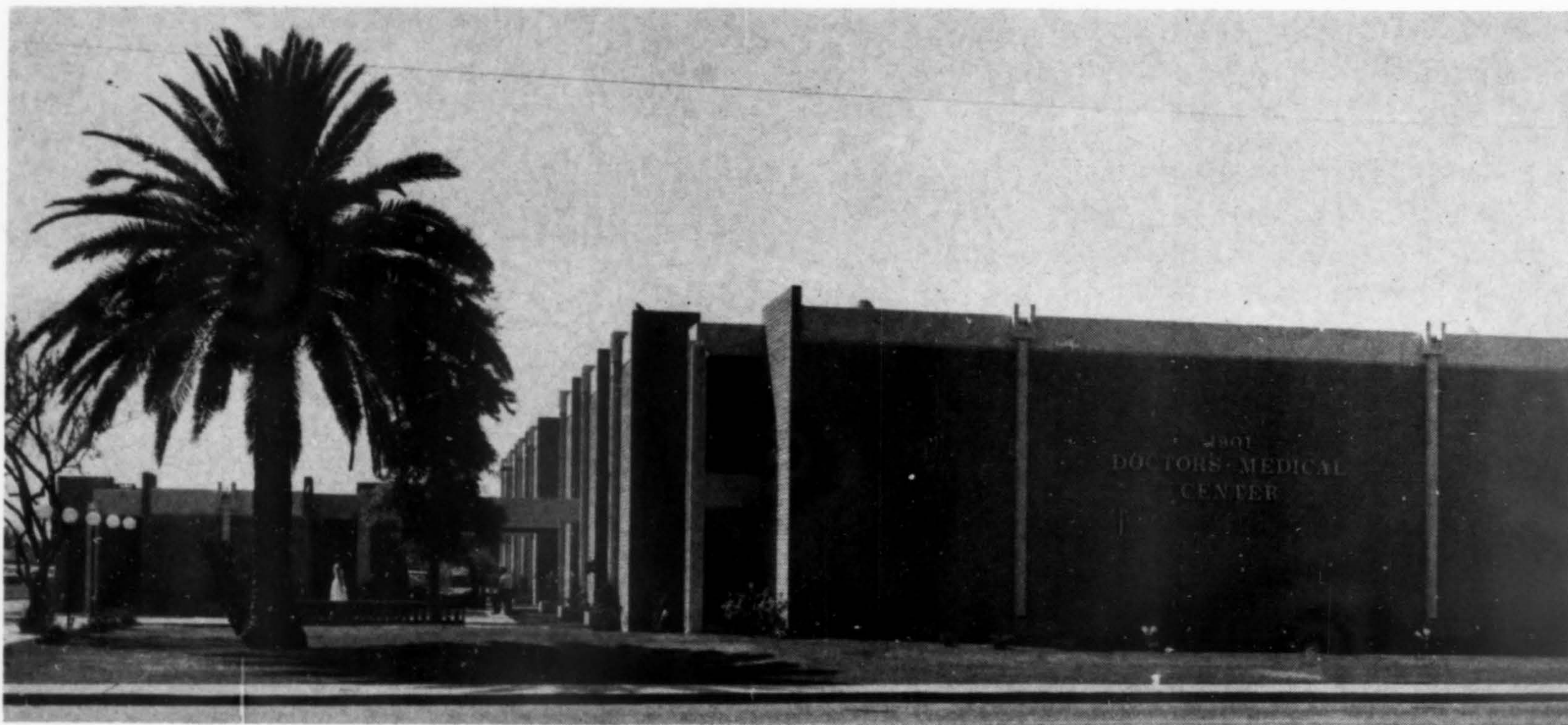


Julius Shulman photos



## Medical Center becomes part of hospital complex

STAFF MEMBERS at Doctors Hospital required a nearby facility where they could conduct their private practices and still be on hospital call. The Doctors Medical Center, immediately adjacent to the hospital, has provided a completely integrated complex with the setbacks, walks, landscaping (including existing trees on the site), parking area and the very character of the building itself.



The two-story building has a single story annex, both housing medical offices. The structure is post-tensioned flat plate slabs supported on concrete columns 24-ft. apart in both directions. This spacing avoided the typical conflict of columns in the corridor space and offered structural continuity and economy with maximum flexibility for suite layouts. Detailing of the concrete columns and perimeter roof beams articulate the plain masses of masonry walls. The basic structure, of concrete block with concrete floor and roof decks, is highly fire resistant. Glazing, in most instances, is rough plate glass in solar gray color to provide glare and heat reduction from the exterior. A future addition to the hospital is planned to permit direct access to the medical center.

Total cost of the center was \$523,908, exclusive of doctors' equipment, doctors' casework, x-ray protection and x-ray transformer.





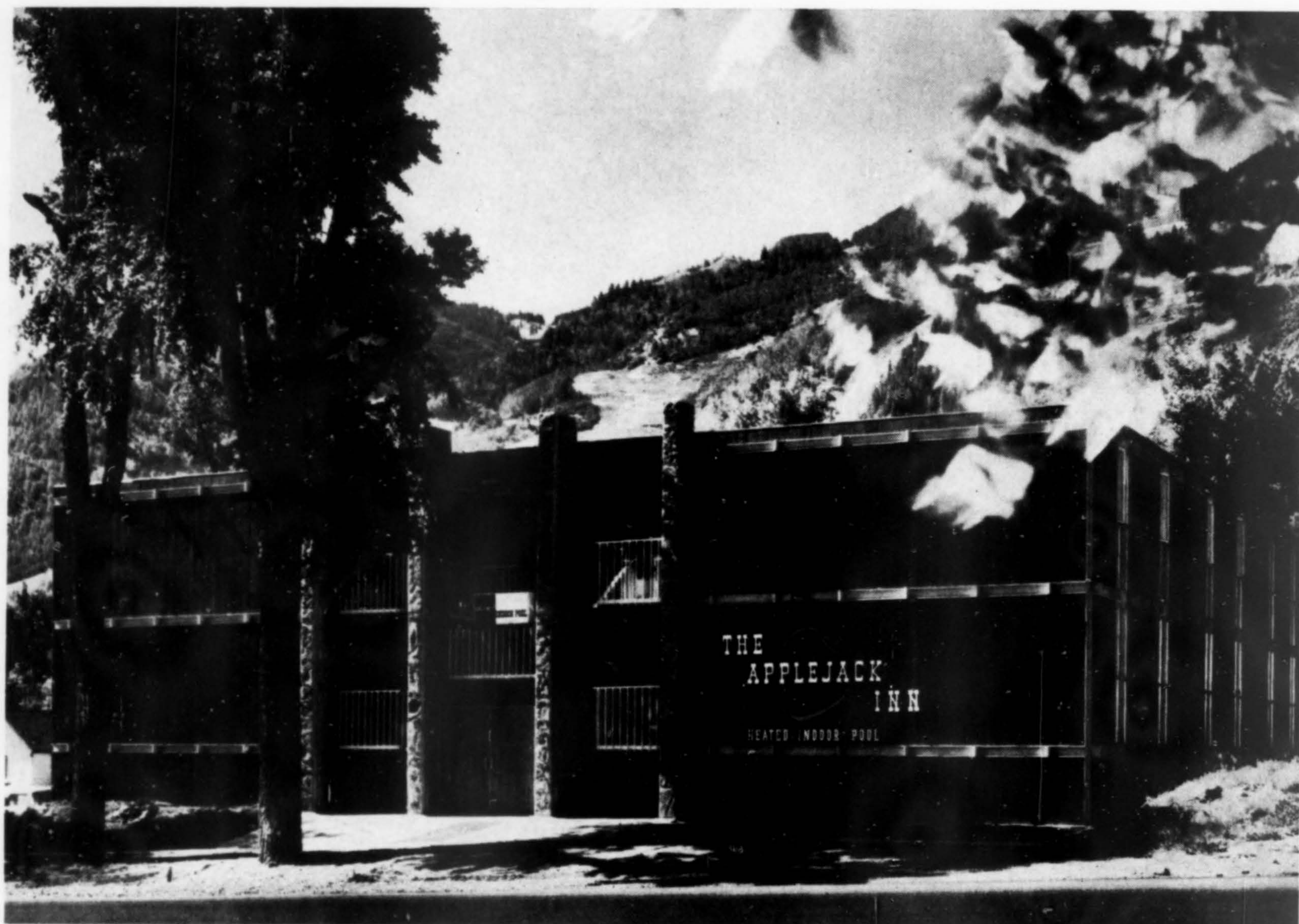
**DOCTORS MEDICAL CENTER**  
Phoenix, Arizona

**GUIREY, SRNKA & ARNOLD**  
Architects

**FOLTZ, HAMLYN & ADAM**  
Structural Engineers

**CARL HADRA & ASSOCIATES**  
Mechanical & Electrical



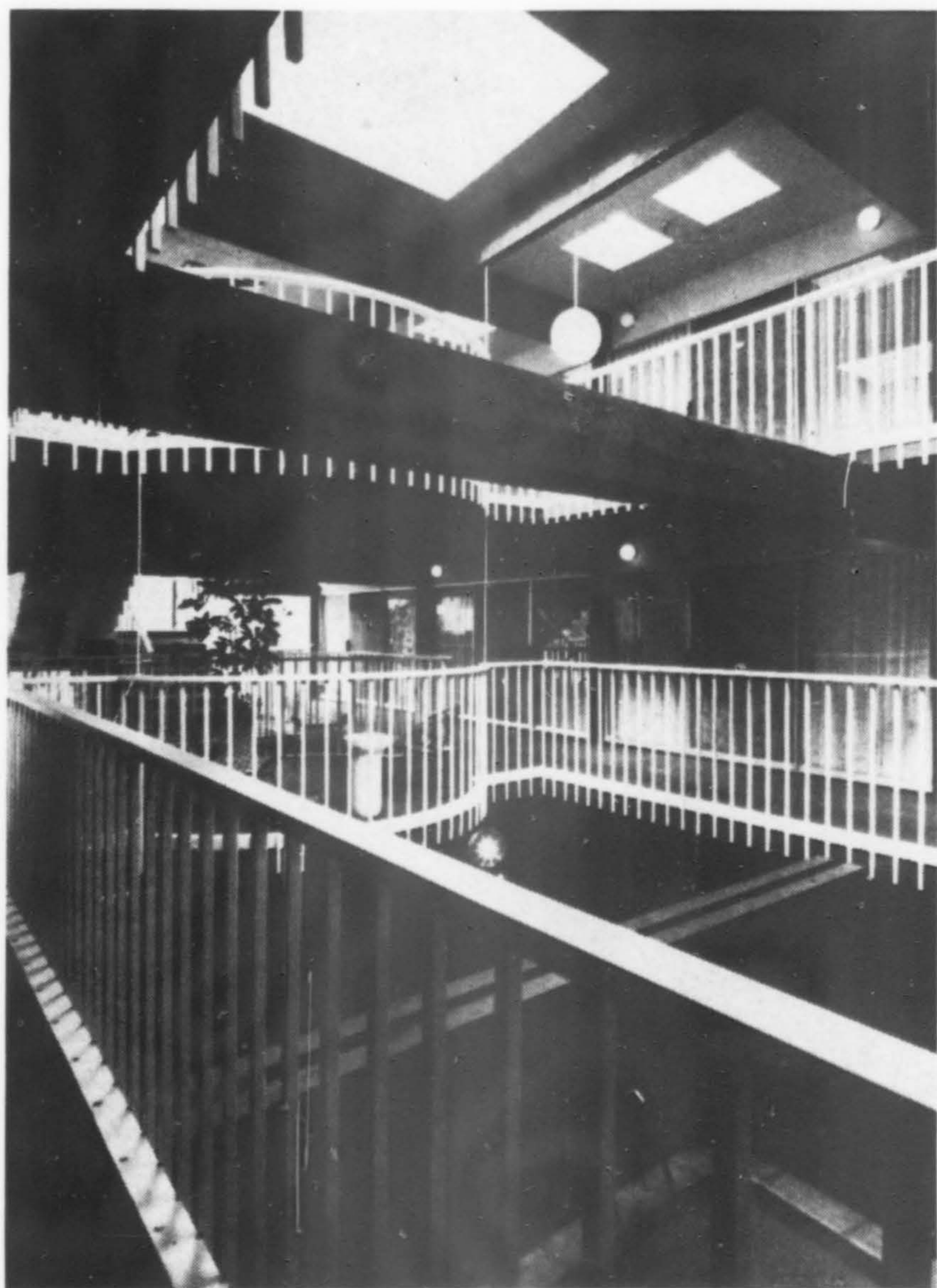


# The APPLEJACK INN

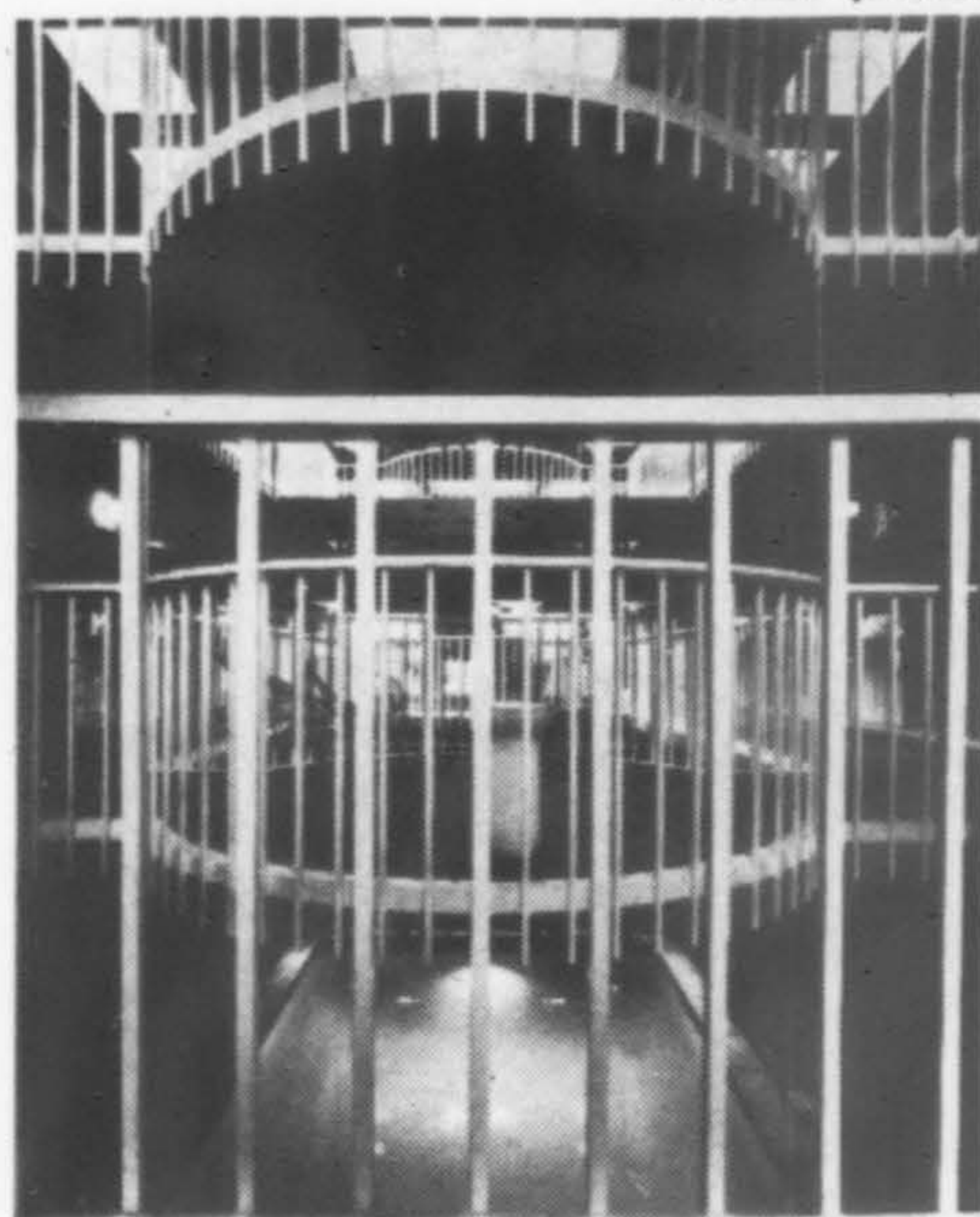
Aspen, Colorado

DONALD R. ROARK  
Architect

NEWSTROM-DAVIS CONSTRUCTION COMPANY  
General Contractor



*Mitmoer photos*



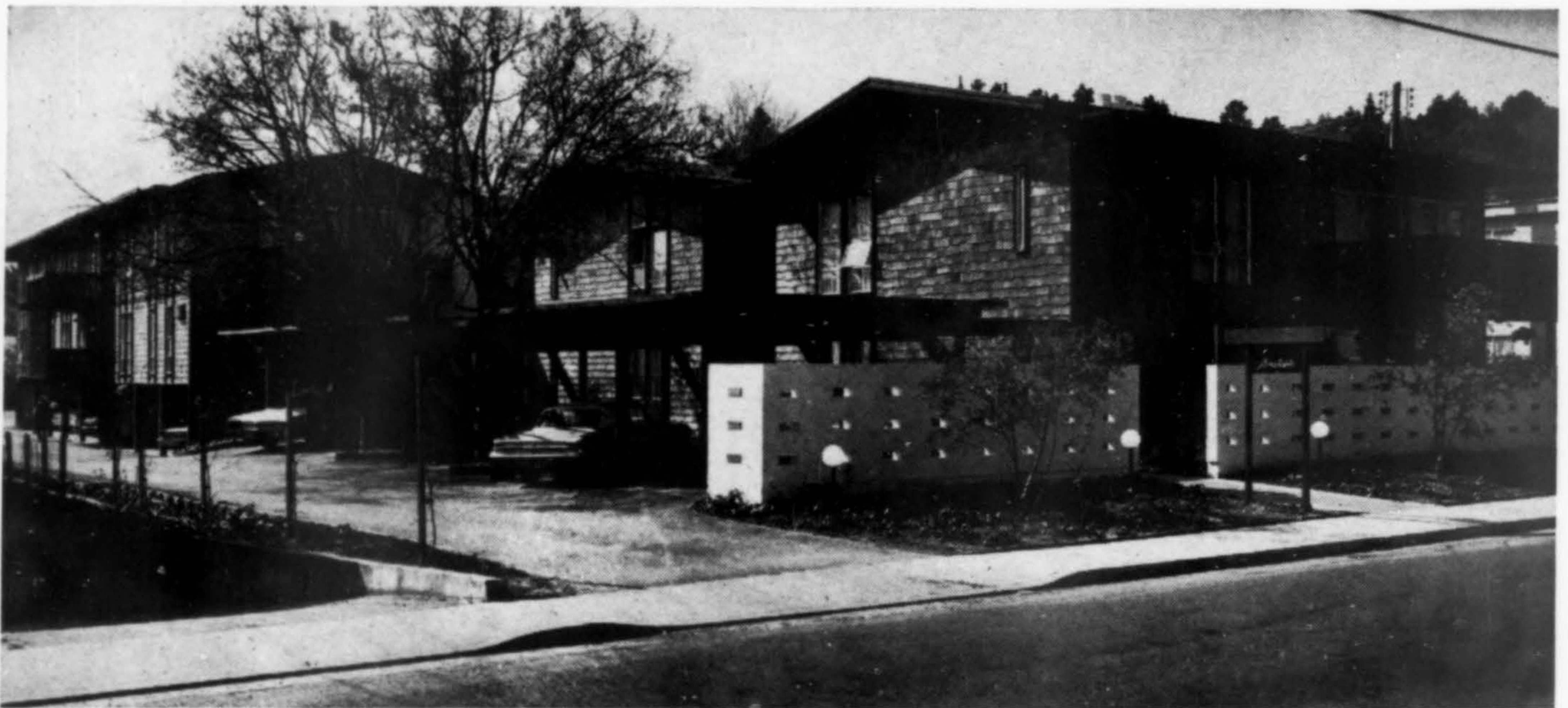
VISITORS to Aspen in the winter are primarily skiers and, in the summer, those interested in the design conference and its cultural connotations. Thus program requirements for Applejack Inn were for a building that could be utilized in both seasons. A central courtyard area, conducive to ski activities in winter months and for conversations and discussions among summer guests, was provided. A swimming pool and, conveniently, the registration desk, are also at this ground floor level.

The design is basically two buildings facing one another, connected by the three-story interior courtyard. Access to all rooms is by wood walkways which are within the courtyard area. Structures are of frame construction with exposed wood beams and crib-decking on the mall area. Exteriors are rough sawn redwood siding with Victorian reveals expressing floor and major partitions.

The 36 sleeping units (16,975 sq. ft.) were built at a cost of \$181,000.

*Garden apartments where . . .*

**THE OUTLOOK IS ALWAYS PLEASANT**



*Campbell, Ricco, Mazzuchi photos*



**3543 BROOK STREET APARTMENT**  
Lafayette, California

**ROBERT L. GOETZ**  
Architect

**ROBERT BABCOCK**  
Landscape Architect

**LAKE PARK CONSTRUCTION CO.**  
Contractor



SEVERAL LARGE, mature elm and sycamore trees, a pleasant view to the valley countryside, and a deep, narrow site with rather nondescript buildings on either side, dictated the design criteria for this two-story garden apartment complex. The individual buildings (there are 14 units) are grouped around the trees and a central garden, providing private patios and balconies which view either the garden or the valley countryside to front and rear.

All buildings are wood frame with cedar shingle exteriors accented by charcoal-stained wood trim and white-painted masonry walls in the garden areas. Each unit has large glass areas opening to the views, beamed ceilings in the upper floors and fireplaces.

Post and beam carports provide parking for 14 cars. Additional parking is in the basement garage (storage and laundry areas are located here) and at the rear of the complex. Apartments range in size from two bedroom, two bath units (1218 sq. ft.) to two small one-bedroom efficiency units. Construction cost of the project was approximately \$150,000.





## Methods and Materials

# Steel studs, 32' long, speed remodeling job

IMMANUEL GOSPEL TEMPLE  
Los Angeles, California

THIRTY-TWO FOOT continuous steel studs, approved for the first time by the Los Angeles Department of Building and Safety, were installed on a remodeling project with unusual speed: only three days to place the necessary 120 studs. The conversion of the once-famous legitimate theater, the Belasco in Los Angeles, to a religious temple was accomplished by transforming the bare stage and flying backdrops into a permanent fireproof structure of modern steel studs, faced on both sides with 5/8-in. type X drywall board.

A change in code specifications required setting of studs from 16-in. o.c. to 12-in. o.c. for additional wall strength. This allowed erection of 3 and 5/8-in.x32-ft. studs in two non-load bearing walls, running as wings from the proscenium to the rear.

Wing walls, 32x36-ft., were placed in staggered increments of 4 and 8-ft. widths. Channel rails, for lateral stress, were inserted at 4-ft. intervals through utility knockouts, then welded into a solid unit. A suspended drywall ceiling attached to 7/8-in. furring channel was placed on top of the three perimeter walls. The ceiling was dropped from a 45-ft. height to 30-ft. at the front with a 6-ft. cant to the rear. The screwable stud system permitted the installing of wallboard at the increased heights working from 30-ft. high scaffolds.

Total working time for the project was only 14 days. Of this time, just three days were used in setting steel framing. Bob Miller Builders were drywall contractors; Don Perryman, designer, and Edmund Foerstel, structural engineer.



Congratulations to Morin & Longwood, Eugene, Oregon for the new Eugene City Hall, winner of the merit award for architectural excellence. Rogue River Quartz panels are an important part of the design.

Write for complimentary material samples and engineering report. Freight rates established nationwide.

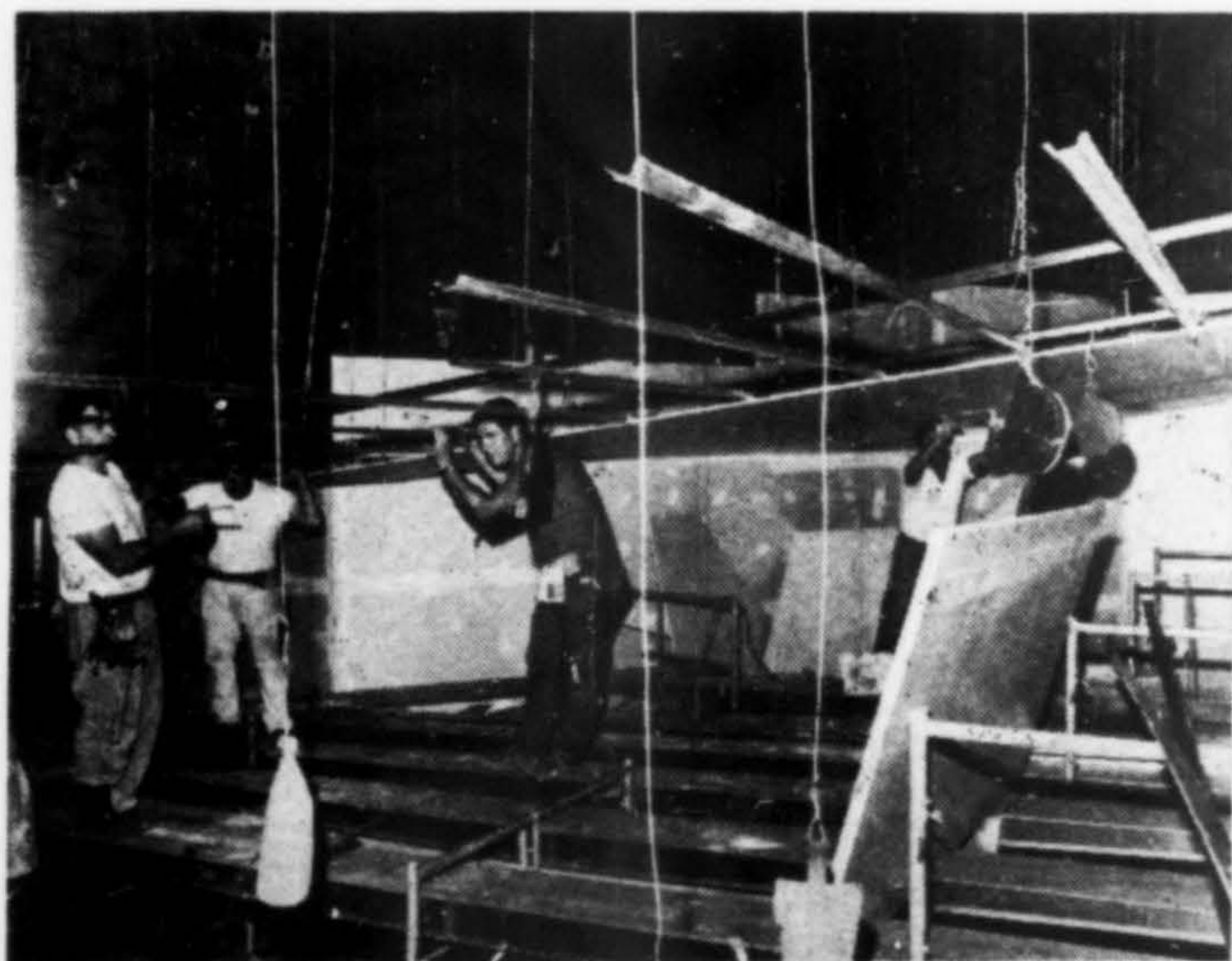
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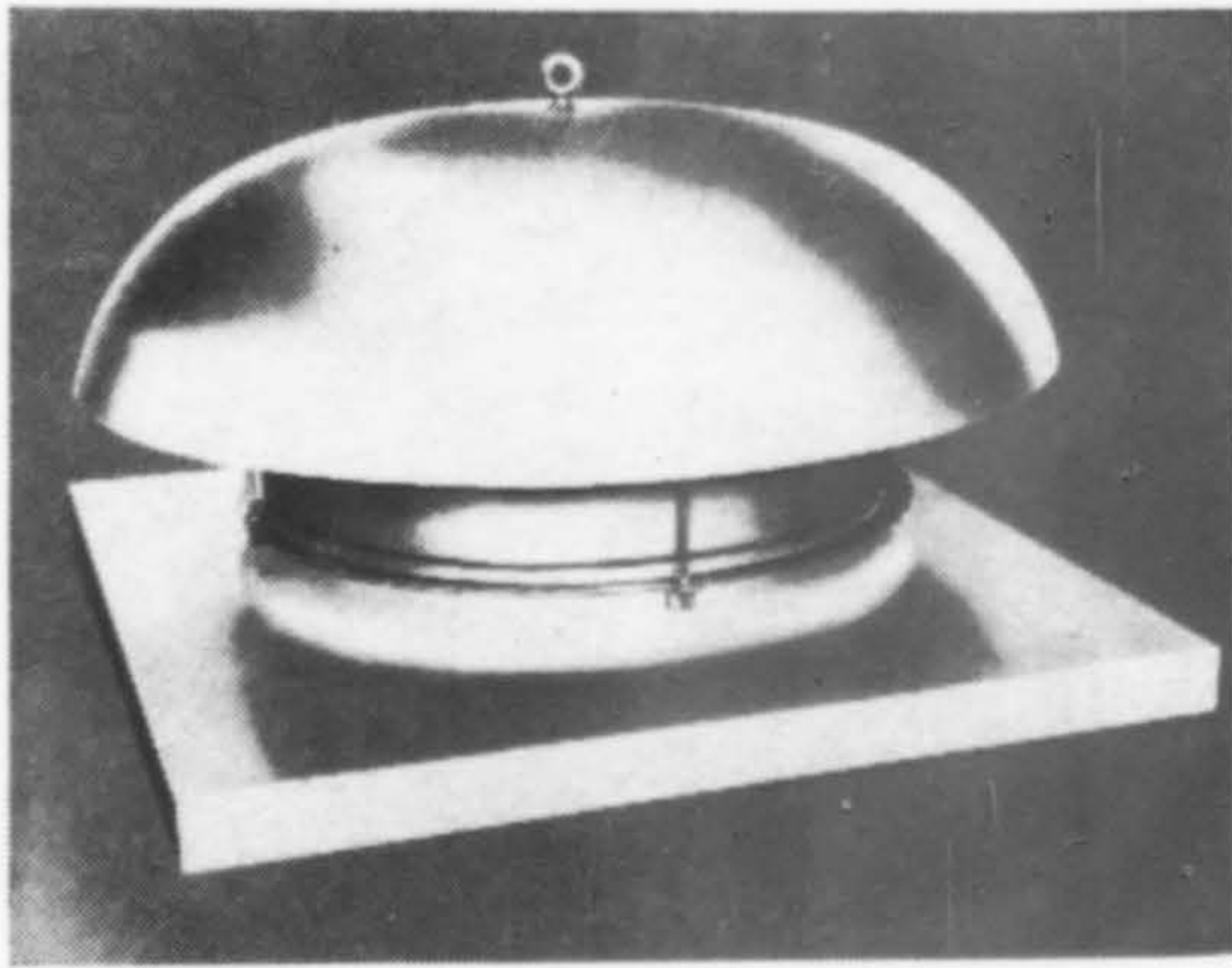


**Bristol Silica Company**

**Rogue River, Oregon**

*The 32-ft. continuous steel studs, without a splice, were produced on special order by the Angeles Metals Systems. A three-man crew installed 120 studs in record three days. Trailing off into space beyond the proscenium, studs were set 12-in. o.c. instead of normal 16-in. o.c.*





**mushroom ventilators**

Two new compact models have been added to the Robbins & Myers line of mushroom type ventilators. Both are electrically reversible to provide either exhaust or supply ventilation with a single unit. The mushroom head designs provide weather protection as well as a low silhouette for modern buildings. Both types are available in sizes ranging from 24-in. to 42-in. Each has a high efficiency air-foil propeller made of aluminum-magnesium alloy. Totally enclosed, sealed ball bearing motors are standard equipment with other types, including explosion-proof and high temperature, available. All other components are all-steel construction.—Propellair Div., Robbins & Myers, Inc., Springfield, Ohio.

**fire-rated floor-ceiling wallboard**

A one-hour fire-rated floor-ceiling assembly has been developed by Pabco Gypsum using conventional wood joist construction and a one-half inch type X gypsum wallboard. Called Super Flamecurb Type X Wallboard, it can be nailed to 2x10-in. wood joists spaced 16-in. o.c. for a one-hour fire rating. It becomes both fire and sound-rated when attached to a resilient channel on 2x10-in. wood joists, achieving a one-hour fire rating and a 47 STC rating. A two-hour incombustible floor-ceiling assembly is possible when attached to open-web steel bar joists 24-in. o.c. Available in 4-ft. widths and standard lengths from 8 to 14-ft., 1/2 and 5/8-in. thickness.—Pabco Gypsum Div., Fibreboard Paper Products Corp., Room GD684, 475 Brannan St., San Francisco.

**executive chairs**

Designed for executives who want desk chairs that tilt and swivel but still have a softer look, these Knoll chairs, designed by Charles Pollock, are of aluminum with leather upholstery. Chairs are available in several versions, with and without arms, and a choice of bases. Tilt-swivel base can be adjusted to height. Cushions are foam rubber and polyester, upholstered in black or tan leather or selected fabrics.—Knoll Associates, Inc., 320 Park Ave., New York 10022.

**faucet-light combinations**

The convenience of a faucet-light combination is now available on a full range of Elkay stainless steel sinks. It will fit any sink having three 1 1/2-in. drillings on 4-in. centers, including single and double compartment sinks, apron and drainboard sinks, corner models. The unit provides a convenient light over the sink work area, can also serve as a night light. Faucets feature built-in spray spout with the flow controlled by a knob on top of the faucet head. The unit is available in both the Deluxe model and in the standard model.—Elkay Manufacturing Co., 2700 S. 17th Ave., Broadview, Ill. 60155.

**vinyl wall coverings like silk**

A new Koroseal vinyl wall covering described as having the classic beauty of Oriental silk is said to be rugged and durable, resistant to water and most acids and alkalis and most common foodstuffs. It is abrasion-resistant and meets most federal, state and local fire resistance requirements according to the manufacturer. The pattern features an embossed vinyl material laminated to a woven fabric backing. Pattern is made in 30-yard rolls, 54-in. wide. Special colors are available.—B. F. Goodrich Co. (A/W), 800 Second Ave., New York 10017.

**self-supporting skylight**

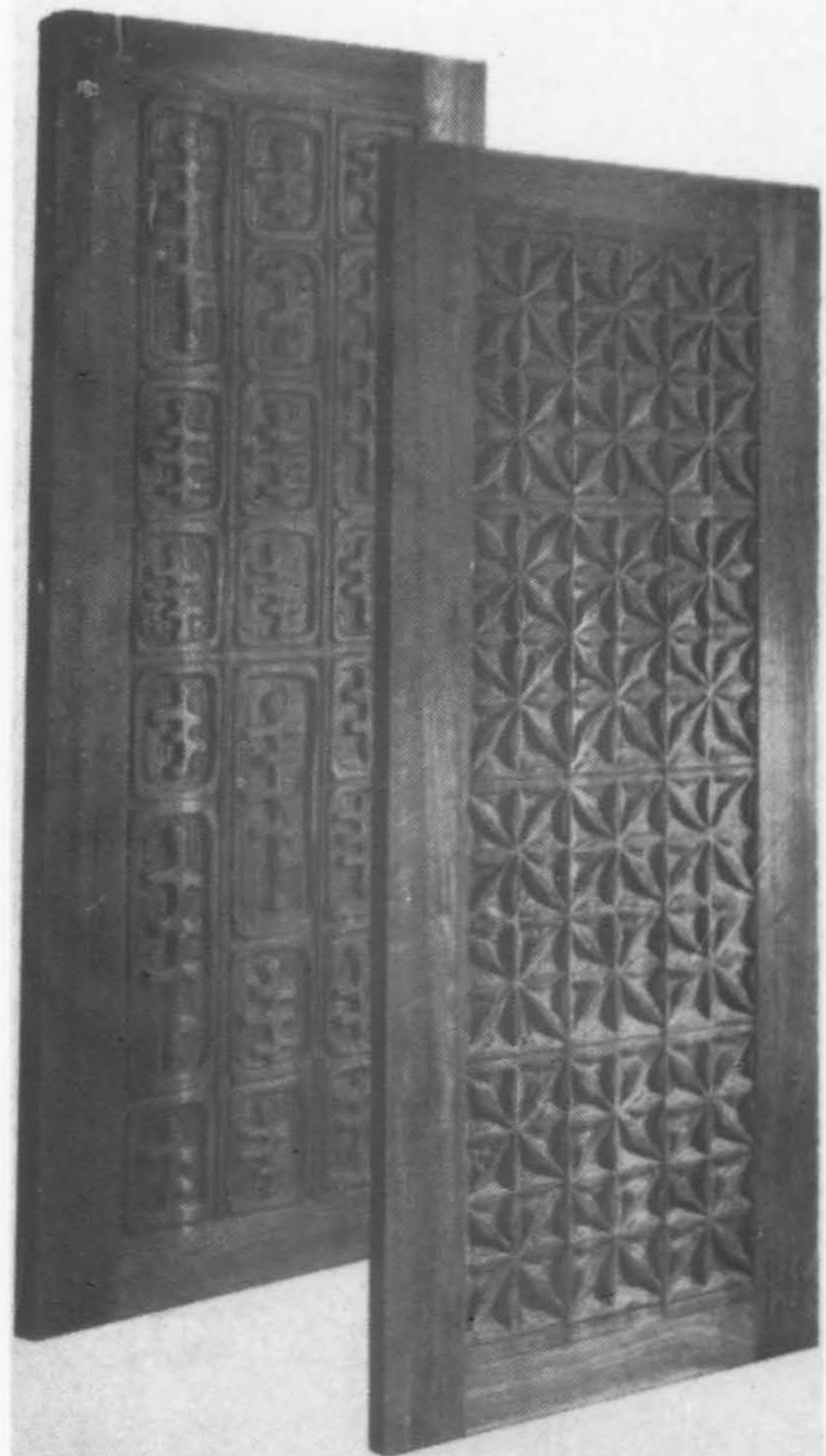
The 12-sided Geo-Roof, said to be one of the largest self-supporting skylights ever designed, has upper and lower surfaces of tough fiberglass sheets, laminated to an aluminum grid core. The 16-ft. wide unit weighs only 425 lbs., supports 40 lbs. per sq. ft. Geo-Roof permits 200 sq. ft. of light transmitting area with a range of 5% to 65%; has an insulation range of U-factors of .40 to .25. Two grid patterns and color inserts are design options. Skylights are curbmounted for watertight seal. — Kalwall Corp. (A/W), 88 Pine St., Manchester, New Hampshire.

**brick mosaic vinyl flooring**

Brick Mosaic is a new sheet vinyl flooring design copied from the Early American Brick Mosaic patterns. The sheets come 6-ft. wide and in warm antiqued reds, a tone-on-tone beige, pastel green and a creamy gray tone-on-tone. The design is embossed so that each brick stands out. Under the vinyl is a layer of vinyl foam for added warmth and comfort underfoot. Recommended for light commercial use or residential on any suspended wood or concrete floor.—The Ruberoid Company, Sandura Division, Benson East, Jenkintown, Pennsylvania 19046.

**color-toned Lock-Deck**

Lock-Deck laminated tongue-and-groove roof decking is now available in nine color tones: natural, smoke, sand, sun, jade, snow, sky, silver and moccasin. The prefinished pastel colors eliminate need for sanding, sealing, painting, staining and finishing. Lock-Deck comes in genuine white pine, white fir, inland red cedar and Douglas fir-larch.—Potlatch Forests, Inc., Wood Products Div., 320 Market St., San Francisco 94111.



**hand carved doors, panels**

A variety of styles from 15 different designs are now offered in distinctive carved hardwood doors. The depth of carving in 1-in. thick hardwood reflects an elegance offered only by the custom touch. A complete line of doors, stile and rail construction in selected domestic and imported hardwoods, is available. Carved panels in any size can be ordered for application on existing doors or other decorative purposes.—Walter Graham Studios, 412 Washington St., Wenatchee, Wash.

**garage door opener**

A new foot-operated garage door opener is built of cast aluminum and has a fulcrum rocking action that allows opening a roll-up, sectional garage door by stepping down firmly on the pedal. The opener is designed for residential garage doors but is adaptable to most commercial type doors. It can be installed on wood, fiberglass or metal roll-up doors, will open a 16-ft. door.—Rock-It Garage Door Opener, Inc., 1255 E. Hiway #36, St. Paul, Minn.

**Trackless Louver Ceiling System:** describes the Trackless Plasti-Luvr in which every 2x4 section hinges for easy access to plenum areas and the parabolic aluminum louver in which alternate 3x3 panels nest into each other forming an unbroken ceiling. Physical and lighting characteristics are given with drawings and charts for both louvers. Specification/installation data is also included.—Luminous Ceilings, Inc., 3701 N. Ravenswood Ave., Chicago 60613.

**Instant Landscape:** presents complete listing and illustration of all the rubber stamps designed as an aid to the architect and draftsman, listing time saving qualities. Products are a result of five years research and development with designs originated by an architectural delineator. Charge of \$1 per catalog is refundable on first order.—Instant Landscape, 520 Capitol Mall, Sacramento, Calif. 95814.



**The New Excitement of Upper Space:** emphasizes the light commercial and residential construction and remodeling applications possible with Insulite's two grid ceiling systems and ceiling panels. Numerous interiors for which grid ceilings are particularly suited are illustrated with the Suspended Grid Ceiling System. Residential interiors are shown with the Headroom Grid System, a system designed for areas where overhead space is often limited. In addition, brochure includes the complete line of Insulite decorating, sound conditioning, lighting and ventilating ceiling panels. Full color, 20-pp.—Insulite Sales, Mando Division of Boise Cascade Corp., Northstar Center, Minneapolis, Minn.

**Dewpoint Temperature:** describes what it is and how to measure and control it. Brochure is filled with discussions about various dewpoint sensors, controllers, indicators and recorders, along with illustrations, brief treatises on how they work, and price ranges. Also compares thermal and electronic dewpoint control systems, pointing out advantages and limitations of both types. 8-pp.—Honeywell, Apparatus Controls Div., 2727 South 4th Ave., Minneapolis 55408.

**Jobsite Precast Panels:** four illustrated information sheets on the latest methods of achieving texture and pattern in jobsite precast panels are now available: "Exposed-Aggregate Textures (sand embedment method)"; "Texture and Patterns from Plastic Form Liners"; "Patterns and Designs"; and "Textures Produced by Various Form Liners".—Portland Cement Association, 33 W. Grand Ave., Chicago 60610.

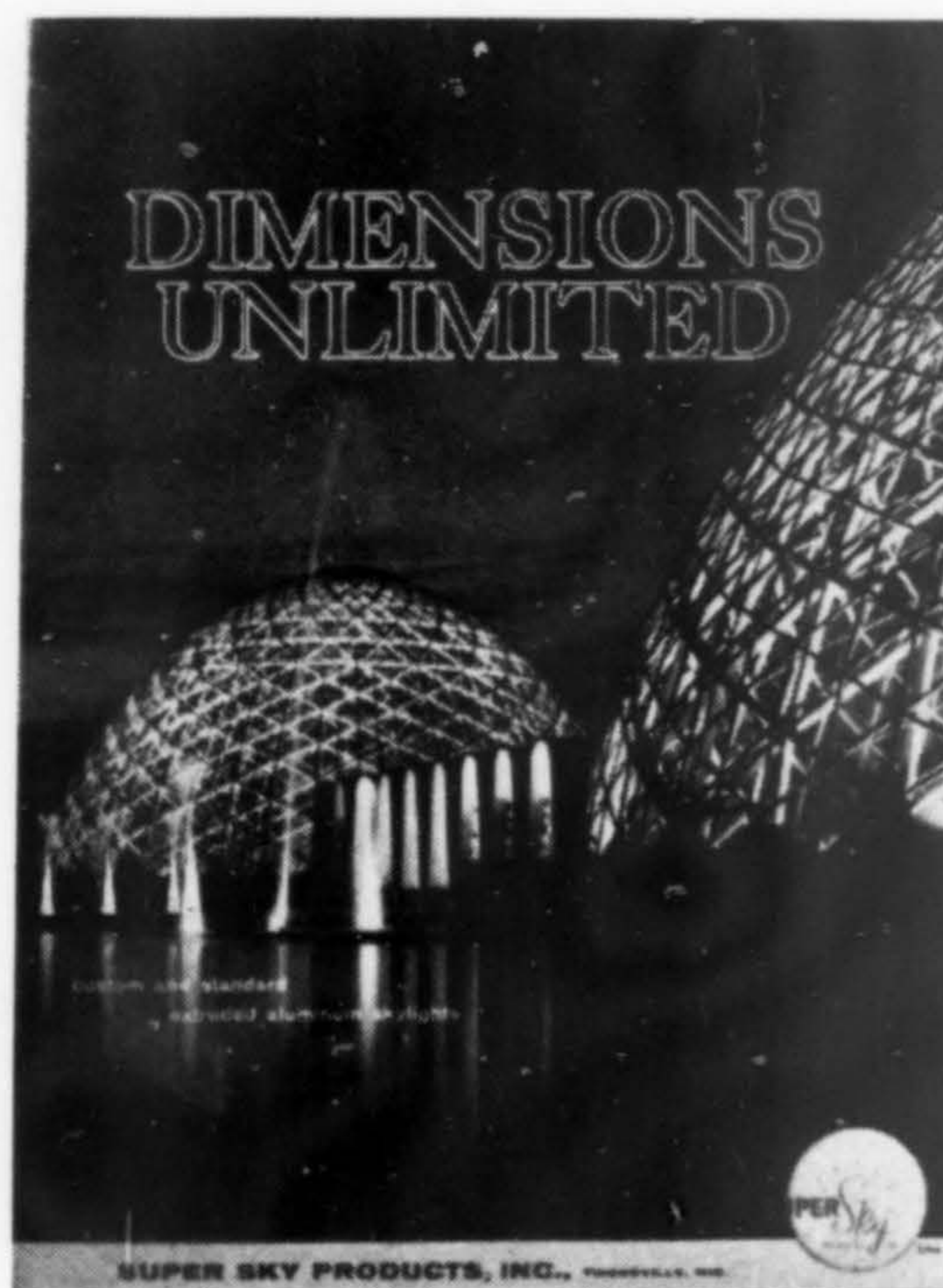
**Modular Seating:** features the introduction of a new versatile selection of two, three or four-unit fiberglass shell/table combinations on cast iron bases and highlights the expanded selection of Krueger's 6000 Series Fiberglass Chairs. Also fully describes the entire line of steel folding chairs, fiberglass chairs, fixed and folding leg tables, stools, storage caddies and accessories for institutional, commercial and industrial use. Full color, 32-pp.—Krueger Metal Products Co., Green Bay, Wisconsin.

**Energy Custom Dumbwaiters:** includes complete specifications and selection data for the company's Custom and Automated Dumbwaiters. Simplified Plan and Elevation drawings make layout less time consuming. A new design dimension table and model selection table show speeds and capacities for all models.—Energy Elevator Co., 47th & Chestnut St., Philadelphia 19139.

**Flexible Air Duct for Air Conditioning (AIA 30-D-4):** incorporates data on the construction and installation features of the Wiremold air duct, information on compliance with the amended standards of NFPA and NBFU, architectural specifications and operating data. All new additions to the line are featured. Two-color, 8-pp.—The Wiremold Co., Hartford, Conn. 06110.

**16 Valuable Space-Saving Ideas:** presents varied ideas for improving the "space saving" character of any home. Features range from converting dead space to storage, children's room magic, organizing workshop areas. Hardware items such as shelf hardware, drawer slides, bi-fold and sliding door hardware are featured.—Grant Pulley & Hardware Corp., High St., West Nyack, N.Y.

**Efficient Ventilation for Commercial Kitchens:** lists a broad range of ventilator models in efficient under-shelf design. Sectionalized for easy reference, the catalog provides a guide to planning, describes wash and fire extinguishing systems, blowers and custom design ventilators.—Cockle Ventilator Co., 1200 S. Willis Ave., Wheeling, Illinois 60090.



**Dimensions Unlimited:** provides facts and figures on dome, ridge, multiple pyramid and specialized types of skylights, in addition to showing actual installations in schools, churches, commercial buildings and homes. The catalog is devoted to extruded aluminum skylights and their design and application. Comprehensive data on construction, including aluminum fabrication and glazing, and architectural specifications is offered. 16-pp.—Super Sky Products, Inc., Box 47, Thiensville, Wisconsin 53092.

**High-Rise Wall Bearing Apartments (AIA 4-K):** reports construction innovations in an actual all-masonry 8-story building with details of wall bearing construction, using both filled and hollow concrete blocks, given. Floors and roof are of high stress, precast Flexicore concrete slabs. Advantages for this type material are said to be economy of construction and the tenant's approval of sound control. Illustrations show different uses of the follow Flexicore cells: hot and cold air conditioning ducts and conduits for combustion and exhaust air, electrical wiring and coolant pipes.—The Flexicore Co., Inc., Box 825, Dayton, Ohio 45401.

**Perlite Concrete Aggregate Applications (AIA 3-D-#; 37-B-2):** details lightweight construction uses of perlite concrete for roof decks, floor fills and curtain walls. Catalog contains specifications typical details and comprehensive physical property data. 4-pp.—Perlite Institute, Inc., 45 West 45th St., New York 10036.

**Dow Solid Epoxy Resins:** gives complete information on the Dow line of solid epoxy resins including several new ones. Wide variety of end use applications in various kinds of industrial and maintenance coatings is listed. No. 170-142A.—Plastics Sales Dept., The Dow Chemical Co., 433 Building, Midland, Michigan.



## MANUFACTURERS/SUPPLIERS

• **Simpson Timber Co.:** W. G. Reed, Jr., has been appointed manager of the firm's engineered wood products division, succeeding W. A. McKenzie who retired on October 31.

• **Furane Plastics, Inc.:** The Los Angeles firm announces a new office in the San Francisco Bay area headed by Jack Wren. Located at 801 Woodside Road, Redwood City, the new office is part of Furane's expansion program in Northern California. Furane manufactures epoxy resins, coating compounds.

• **American Cyanamid Co.:** Victor A. Sahm has been appointed district manager of the Los Angeles office of the firm's building products division. The offices, at 2300 South Eastern Avenue, services seven Western states. Mr. Sahm will be responsible for sales of Acrylite in the area.

• **American Wood Preservers Institute:** James D. Caufield, former partner in the firm of Caufield & Caufield, consulting engineers, Portland, has been appointed as district engineer of the AWPI with offices in the Yeon Building, Portland. He replaces Paul D. Christerson who has been named senior engineer at the home office in Washington, D.C.

• **Roberts Consolidated Industries, Inc.:** In its second major acquisition move this year, the City of Industry firm announces the purchase of all operating assets of American Frame and its subsidiaries. American Frame, principal manufacturer of pre-finished metal door frames for the construction industry, will continue production in its North Hollywood plant.

• **Wiley-Bayley, Inc.:** The Pacific Northwest distributor for Styrofoam and other plastic construction materials of the Dow Chemical Company, vinyl building products of Monsanto Company, and silicone sealants for General Electric, has opened a Eugene, Oregon sales office under the direction of Ted Mohr.

• **Perspective, Inc.:** Ray L. Gower has been elected president of the Seattle firm, succeeding the late T. O. McCartney. The firm produces and markets a computerized drawing machine.

• **California Redwood Association:** Keith Lanning has been appointed advertising manager, according to an announcement by Philip T. Farnsworth, executive vice president. Patricia Young has also joined the CRA as manager of special promotions.



SHUTT



DANILSON

• **Steelcase, Inc.:** Larry Danilson, formerly manager of the Portland Steelcase office, has been transferred to San Francisco, covering the Northern California area for the office furniture manufacturing firm. Kenneth H. Shutt has been appointed to the staff in the Southern California area, working out of the La Mirada headquarters, where his responsibilities include architectural and design specification work. Danilson joined the firm in 1956, Shutt in 1965.

• **Architectural Aluminum Manufacturers Association:** At the election of officers for the 210-company member association, three from the West Coast were named to office: George O. Radford, Radco Products, Inc., Santa Maria, Calif., past president; Ernest L. Anderson, Durell Products, Inc., Seattle, and Harry M. Riegelman, Ador/Security, Fullerton, Calif., both to the board of directors.



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but you can't eat them.

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PHOENIX, ARIZONA, like its counterpart in a good many areas of the West, is not content with its haphazard urban and suburban growth (or decay) and is activating city officials and the citizenry to concrete comprehensive thinking. They are asking: "What will the Phoenix of the future be like?"

The answer may lie in a community consensus to be completed next spring and which will serve as general guidelines for the city's planners. Phoenixians will be asked: "What do you want the city to be like 20 years from now?" Questionnaires, home interviews and talks before civic and social groups will be used to ferret out answers to such questions as:

Should Phoenix be a tourist mecca or industry-oriented?

Should freeways and arterial streets be the major means of transportation?

Should the city contain spacious parks and green belts?

Should industry be interspersed throughout the community or confined to certain areas?

Should downtown be redeveloped? If so, into what?

Should something be done about the piecemeal development around shopping centers?

What areas should be planned for residential development? Should residential areas be developed at a rate of one unit per acre, five units, 15 units?

How do you reconcile the desires of the horse lover with those of the horse hater?

During preparation for this opinion poll, city planning officials have been conducting basic research and analyzing the city's population from about every standpoint imaginable. When goals are set and basic data completed, planners will be ready to weigh the wishes of the people against costs of the various programs. From this it is hoped will come several alternate comprehensive plans of development, a stage it is expected will be reached in about three years. When one plan is eventually adopted, the process will not halt but continuing reviews of the plan will be made and every five or six years the process will be gone through again to assure that the goals are still what the public wants and to reassess economic and population factors on the overall plan.

Obviously, a concerned Phoenix is determined to do something for their city, setting an example of citizen participation that others may do well to emulate.

WE'RE CURIOUS. Those colored, postpaid return envelopes inserted in the last 10 issues of *Architecture/West* were designed as a service to you—not as an advertising or subscription gimmick, but only to help you busy professional men who find letter-writing a real chore. If they've helped, we'd like to know.



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## CITIZEN PARTICIPATION

From Seattle to Phoenix, from the Pacific Ocean to Salt Lake City, there is a new awareness of the need to rejuvenate downtown . . . to establish beauty and direction outlines for the state . . . to implement rapid transit . . . and, the citizens themselves have examined these needs and their desires and have established the necessary guidelines . . . in all major areas of the West, plans are being implemented and actual construction under way (San Francisco's rapid transit, Sacramento's Mall, Salt Lake City's Downtown plan, in Seattle and Phoenix the governor's conferences on design and beauty) . . . all for a better way of life.

## POPULATION EXPLOSIONS

continue to make the West first in building construction . . . 16.5% of the entire U. S. population resides in the West . . . In 1964 this was the only major area gaining more population than it was losing . . . California alone is expected to have a population of 19.9 million by mid-1967 . . . The density of population in California has increased nearly 20 persons per square mile since 1960.

## PERSONAL INCOME

is at an all-time high, creating a strong economic base in each of the 13 Western states . . . Every Westerner has \$263 more per capita to spend than anywhere else in the nation.

## BUILDING CONSTRUCTION

will continue to show gains, particularly in the college and research fields in the West, with industrial, institutional and hospital building not far behind. Residential building promises to take an upswing with the growing population. Several actual new cities are being planned in California with an entire population of 10 million. Nationally, building is expected to increase 5 to 6% over 1964 with an equivalent ratio in the West. Of the \$72 billion to be spent in 1966 for construction; about \$14 billion, plus, will be concentrated in the West.

## ALL YOU NEED FOR 1966

is a market, constantly growing and expanding, with plenty of money to implement plans

## AND HERE IT IS . . .

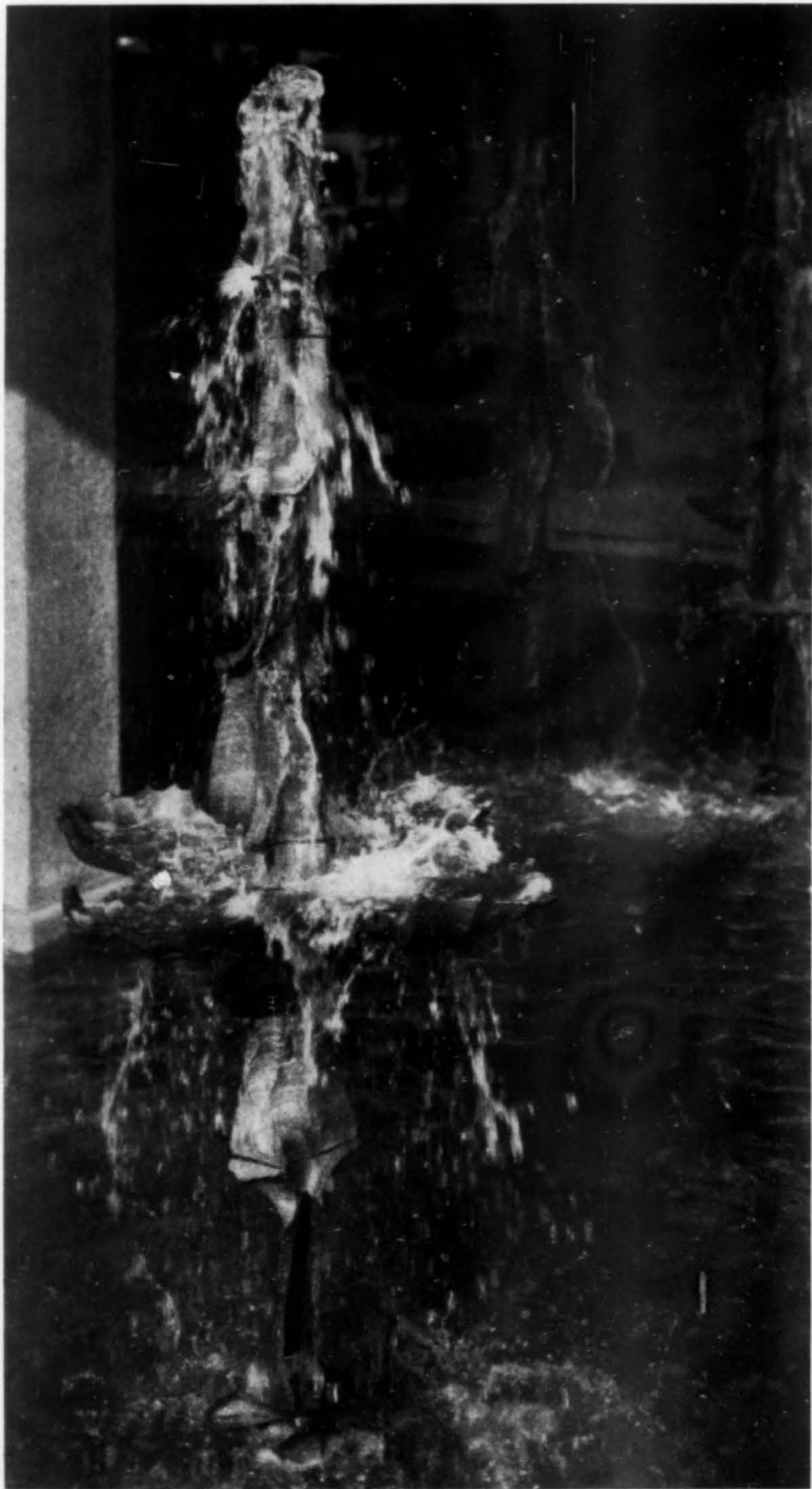
The 13 Western States That Comprise Architecture/West's Market

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