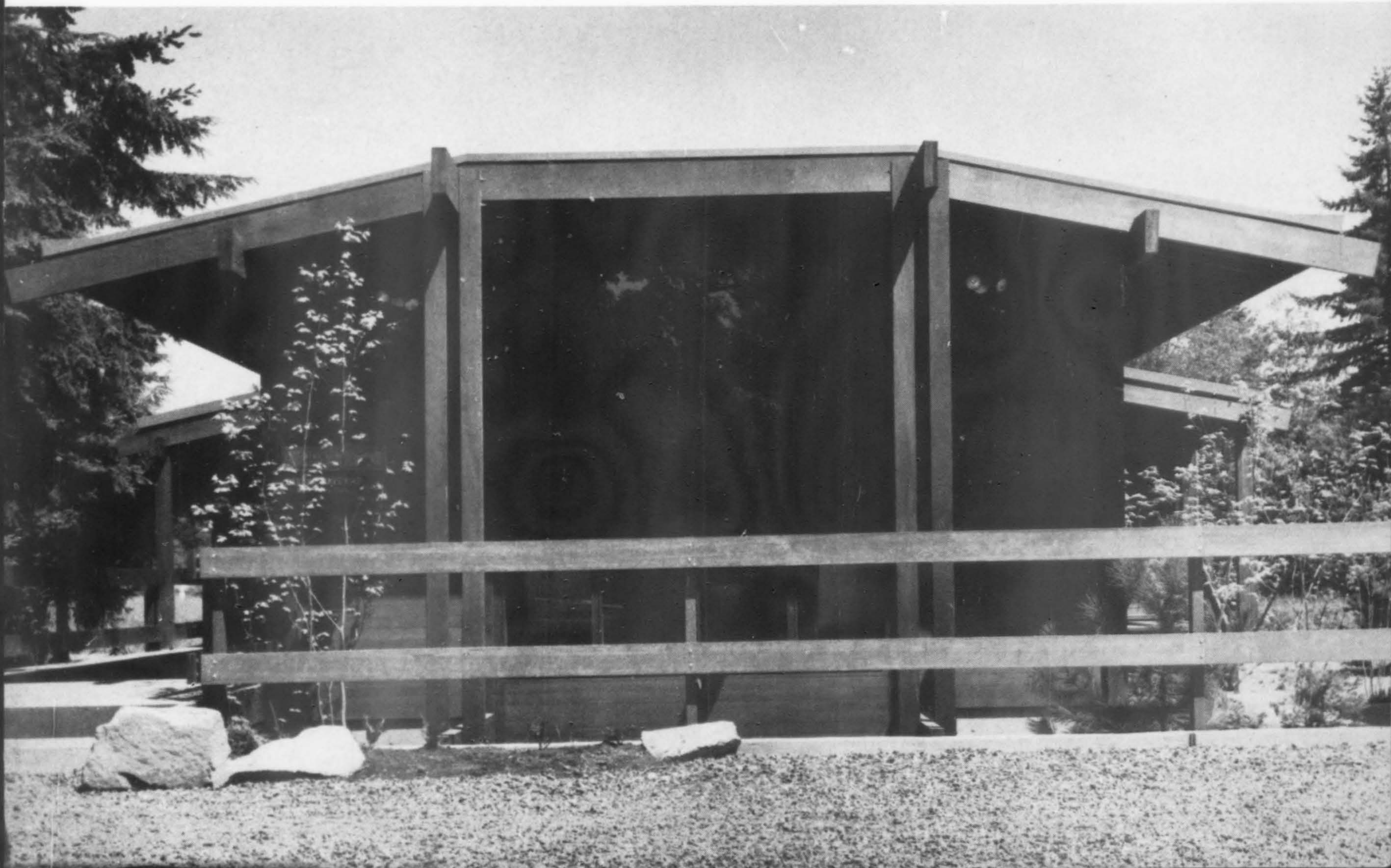


# Architecture / West



THE ONLY MAGAZINE DEVOTED EXCLUSIVELY TO WESTERN ARCHITECTURE ◆ FEBRUARY 1965





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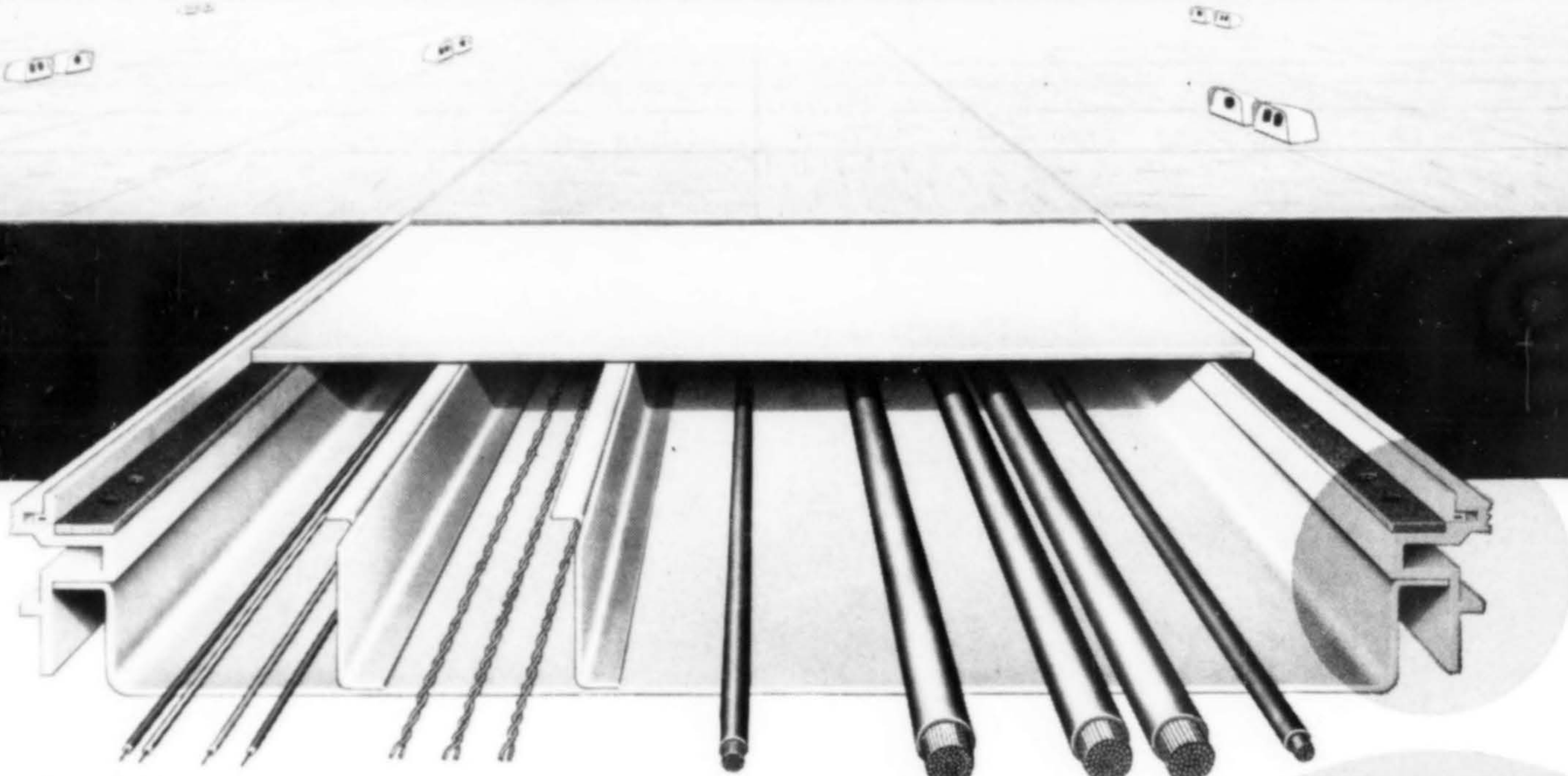
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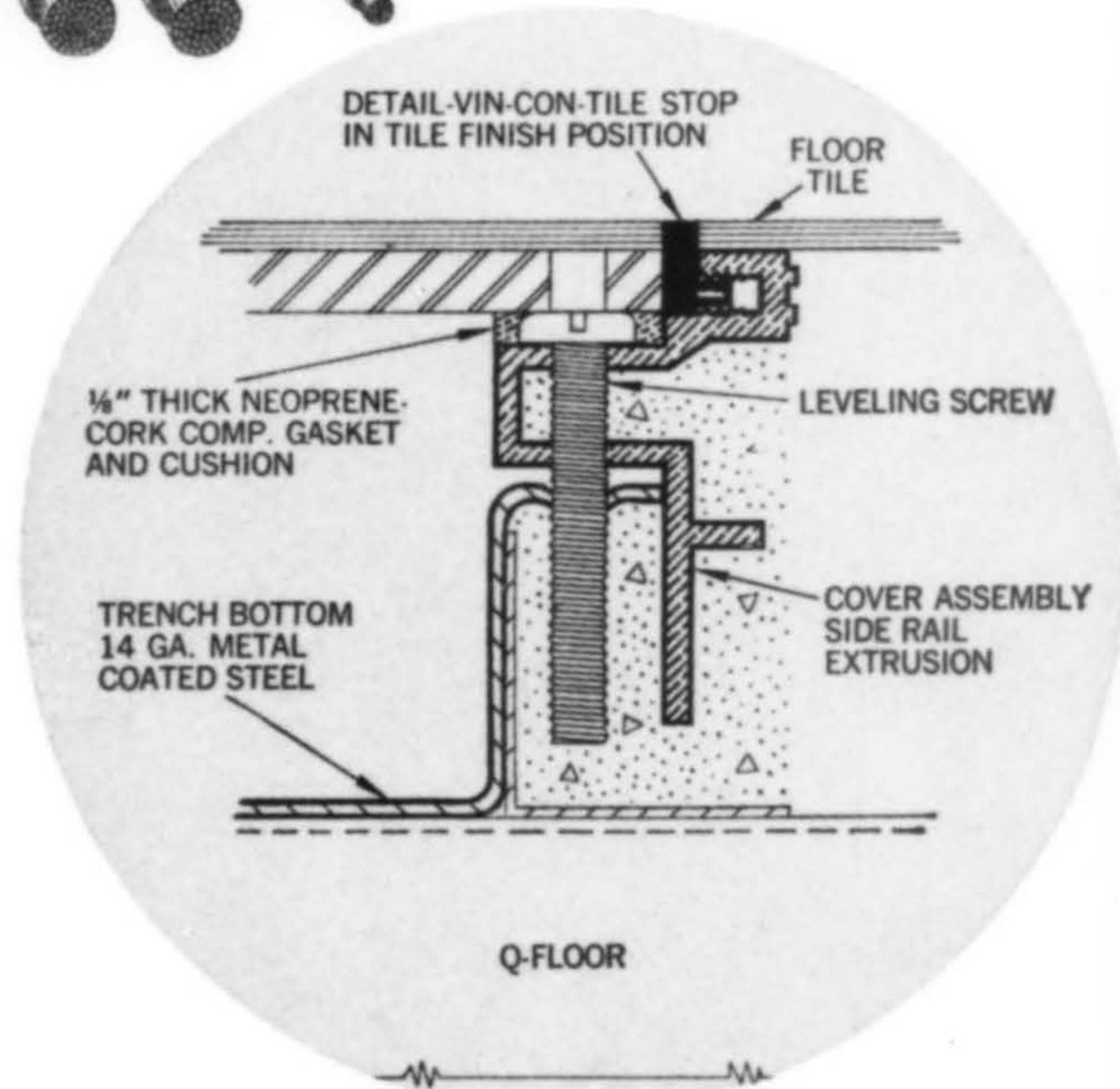


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consulting editor  
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associate editor  
RELTA GRAY

contributing editors  
MAY B. HIPSHMAN  
Northern California

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THE COVER: Overlake Clinic, Bellevue,  
Washington; Gene Zema, architect. Ray  
O. Welch photo. Page 26.

**ABOUT THIS ISSUE:** The February *Architecture/West*, a bit fatter editorially than last month thanks to a healthier economic climate, presents what we consider some of the finest buildings of their kind. They range from Gene Zema's talented use of wood in two Northwest clinics (page 26) to the unusually well-engineered Sierra Pacific Power Company facilities (page 34) with the merged circle-square concept and "double bubbles" on the roof.

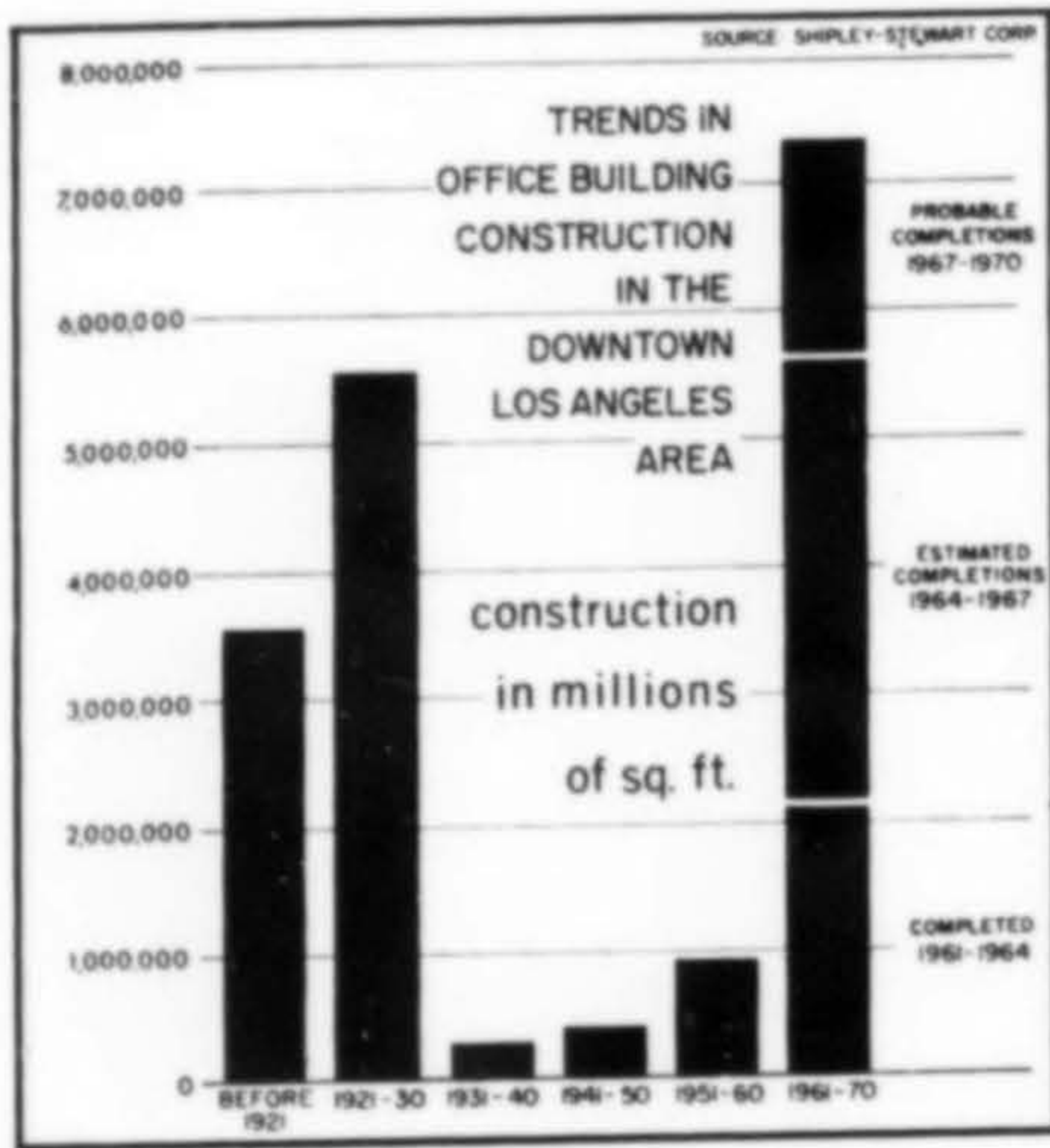
In between, you'll find two banks, diametrically opposed in concept, yet each reflecting the character of the place where they have been built. The Madras, Oregon bank (a 1964 Portland Chapter AIA award winner) features Kah-nee-ta stone from a nearby Indian reservation. The Tacoma branch bank blends tastefully with the residential neighborhood, fulfilling the client's requirements.

The Del Mar beach house (page 36) had so many interesting features it was difficult to choose illustrations but we think you'll agree that the unobstructed view carefully utilized by the architects and the building-high louvered window/doors are two of the best. This pavilion-house was cited at the San Diego Chapter 1964 AIA awards.

From a small budget in a small space in an old building, the Anderson Travel offices (page 38) turned into a charming Old World spot that makes you long to start planning a tour abroad.

One of the best Job of the Month stories we have ever had the good fortune to publish will be found in the Denver Botanical Garden project (page 22).

**NEXT MONTH:** the Albuquerque Municipal Building and the new Shelton, Washington prison facilities.



**NEW OFFICE SPACE** in downtown Los Angeles is due for a sharp increase in activity, according to statistics from the research department of Shipley-Stewart Corporation. In the three years ending in 1964, 2.1 million square feet of space were completed. In the next three-year period, it is estimated that 3.6 million square feet will be finished, and another 1.6 million square feet will probably be constructed between 1967 and 1970.

**RESIDENTIAL REMODELING BOOM**—Remodeling and improvements, according to the Bureau of Census, shows \$11.7 billion spent in 1963, with a prediction that the 1964 figure will reach \$12.3 billion and go to about \$13 billion in 1965. **Housing Trends** estimates that about one-third of the total spent in 1965 will go to maintenance, repair; two-thirds to additions, alterations.

**UNIVERSITY OF CALIFORNIA CONSTRUCTION PICTURE**—More than \$40 million of University of California capital construction projects have been okayed by the state public works board. Funds are from a \$387 million bond issue approved at the November election. Projects, for the various university campuses throughout the state, include Davis campus: \$3.9 million for engineering building; \$1.1 million for utilities with the balance of the \$3.6 million allocated for working drawings for physical science building, unit 1; veterinary medical facilities building, unit 1; addition to Cruess Hall; biological sciences building, unit 3; library expansion; general services building, unit 1; and general campus improvements.

The Santa Cruz campus will expend better than \$4 million on construction with \$2.55 million for a giant new library; residential college No. 2, \$810,000; utility and site development; \$342,700; field house, \$306,300, and \$9,000 for an architectural drawing for residential college No. 3.

The total operating budget for UC, \$800 million, for the coming year is based on an increase of 7,600 students. Enrollment is expected to reach 125,000 students at the university's nine campuses in 1975.

**LOW RENT HOUSING COMPETITION**—San Francisco's Housing Authority has been authorized to go ahead with construction of 2,500 low rent apartments. An architectural competition, to avoid the widespread "all blocks" criticism of existing public housing projects, is planned. A committee has been set up by the Housing Authority to work with architects **John G. Melville**, Oakland; **John S. Bolles** and **Aaron Green**, San Francisco; **Eugene E. Crawford**, San Rafael, and **Martin Myerson**, dean of the School of Environmental Design of the University of California.

**BARTD SELECTS ANOTHER ARCHITECT**—DeMars and Reay, Berkeley architects, are the sixth architectural firm to be selected to design stations for the 75-mile Bay Area Rapid Transit system. Both stations, located in El Cerrito, will be aerial structures at Fairmount Avenue and at Cutting Boulevard.

**KODIAK RECONSTRUCTION TERMED "INSANE"**—

Architect Paul Spreiregen, Washington, D.C., speaking at the recent Alaska Chapter, AIA, annual meeting, said that it was "completely insane" to reconstruct Kodiak at its present site. If present plans to reconstruct go ahead, he said that the town would be exposed to future tidal waves that would pick boats up and hurl them like "missiles" into the town. He agreed with a group of nationally-known engineers and architects who visited Alaska last year, that the town should be relocated on higher ground. His comments followed a presentation by Harry Brock, architect for the Alaska State Housing Authority, outlining plans for Kodiak's reconstruction with the main feature of the new town a plaza facing the sea with a small boat harbor to be constructed in the water immediately in front of the plaza.

**DIAMOND HEIGHTS WORK RE-STARTED**—

Irvin J. Kahn, president of San Francisco Redevelopers Inc., has re-started work on the first phase of the \$35 million Diamond Heights Redevelopment Project which halted in mid-September when funds ran out. Original financing for the Diamond Heights Shopping Center and Red Rock Hill town houses has been re-worked and the budget has been increased by \$2 million. Plans for some units have been revised from three and four bedrooms to two-bedroom units, which are selling faster, and the five 15-floor high rise units have been reduced to three or four units. Redevelopment Director M. Justin Herman estimates the five-year Diamond Heights project is now nine to ten months behind schedule.

**LOS ANGELES SITE FOR CALIFORNIA WORLD'S FAIR**—

The city-owned Elysian Park, near downtown Los Angeles, has been proposed as site for the controversial California World's Fair by a citizen's committee appointed by Governor Edmund G. Brown. Eight conditions were set forth for final approval by the committee: (1) high quality, comparable with Brussels Exposition, more comprehensive than the Seattle Fair, and better designed with stronger foreign participation than that now in progress in New York; (2) the Elysian Park site with a major building so designed that it operate permanently as a trade and convention center; (3) freeway and highway construction speeded up to meet the 1968 deadline; (4) reorganization of the existing fair corporation to include leading citizens; (5) renegotiation of certain existing contracts and other liabilities of the existing corporation; (6) Glenn Watson to be retained as general manager; (7) a prominent impresario to direct fair entertainment; (8) state, county and city government leaders to cooperate fully in the fair as a joint venture.

The fair, originally planned for 1968 in Long Beach, suffered a blow earlier when the City of Long Beach ultimately decided not to underwrite the project.

**MORE MULTI-MILLION \$\$\$ PLANS**—

**Pleasanton, Calif.**—Plans to establish a \$10 million research center on 75 acres have been disclosed by Kaiser Aluminum & Chemical Corp. Construction is expected to start late next year.

**East Oakland**—A proposed \$13½ million shopping center development on the old General Motors plant property has been given the go ahead by the City Planning Commission. Community Redevelopment Corporation, the developers, promised that the 33-acre property would be a credit to the community and announced that first 105,000 sq. ft. of shopping space would be open to business October 1, 1965.

**Denver**—Public Service Co., of Colorado will spend \$56 million on new construction in 1965 according to president **Robert T. Person**. Some \$261 million on construction will be spent over the next five years, an average of \$52 million annually. The 1965 budget will be expended principally on electrical facilities.

**GOVERNOR'S CONFERENCE ON 'GOOD DESIGN'**—A group of nationally known experts met in December in Sacramento with state officials to review methods of improving design of state buildings. It was called "The Governor's Conference on Good Design" and was chairmanned by San Francisco architect, Nathaniel A. Owings of Skidmore, Owings and Merrill. Governor Edmund G. Brown asserted "in 1965 we will implement this meeting with an action program to achieve higher aesthetic standards for state (California) buildings, within limitations of rigid economy." Conference participants included designer Charles Eames, Walter Landor, Arthur Drexler of the New York Museum of Modern Art, and Karel Yasko, assistant commissioner of design for the U. S. General Services Administration; Martin Meyerson, dean of the University of California College of Environmental Design, and architect Robert F. Alexander.

**SUNSET BUYS EICHLER HOMES**—Sunset International Petroleum Corp., Los Angeles firm, has entered into a preliminary agreement to purchase the assets of Eichler Homes, Inc., San Francisco, totaling more than \$35 million. A new Eichler Homes Corporation will be set up to function as a wholly-owned Sunset subsidiary. President will be E. P. Eichler, currently serving as director of special community development program at the University of California, Berkeley. Joseph I. Eichler will continue as a home-building consultant to Sunset for two years.

**CALENDAR OF COMING EVENTS—**

Annual meeting, **National Roofing Contractors Association**, Flamingo Hotel, Las Vegas, Feb. 7-11.

The **Gypsum Roof Deck Foundation** annual meeting, Mayfair-Lennox Inn, St. Louis, Feb. 17-18.

**Industrial, Institutional and Commercial Building Exposition**, Cobo Hall, Detroit, March 8-11.

Lake Arrowhead-University of California **fourth annual conference for educators, architects and contractors**, Residential Conference Center, Lake Arrowhead, March 14-16.

**National Oil Fuel Institute's 1965 convention**, Hotel Americana, Bal Harbour (Miami Beach), Florida, March 25-27.

**Architects and Engineers Forum** on new design and systems concept for total electric environment, Disneyland Hotel, Anaheim, Calif., March 26-27.

Eighth Annual convention of **Gypsum Drywall Industry** and annual meeting of **Gypsum Drywall Contractors International**, Dunes Hotel, Las Vegas, March 28-April 1.

**Architects and Engineers' Forum** on total electric commercial construction, Sheraton Motor Inn, Portland, April 8-9.

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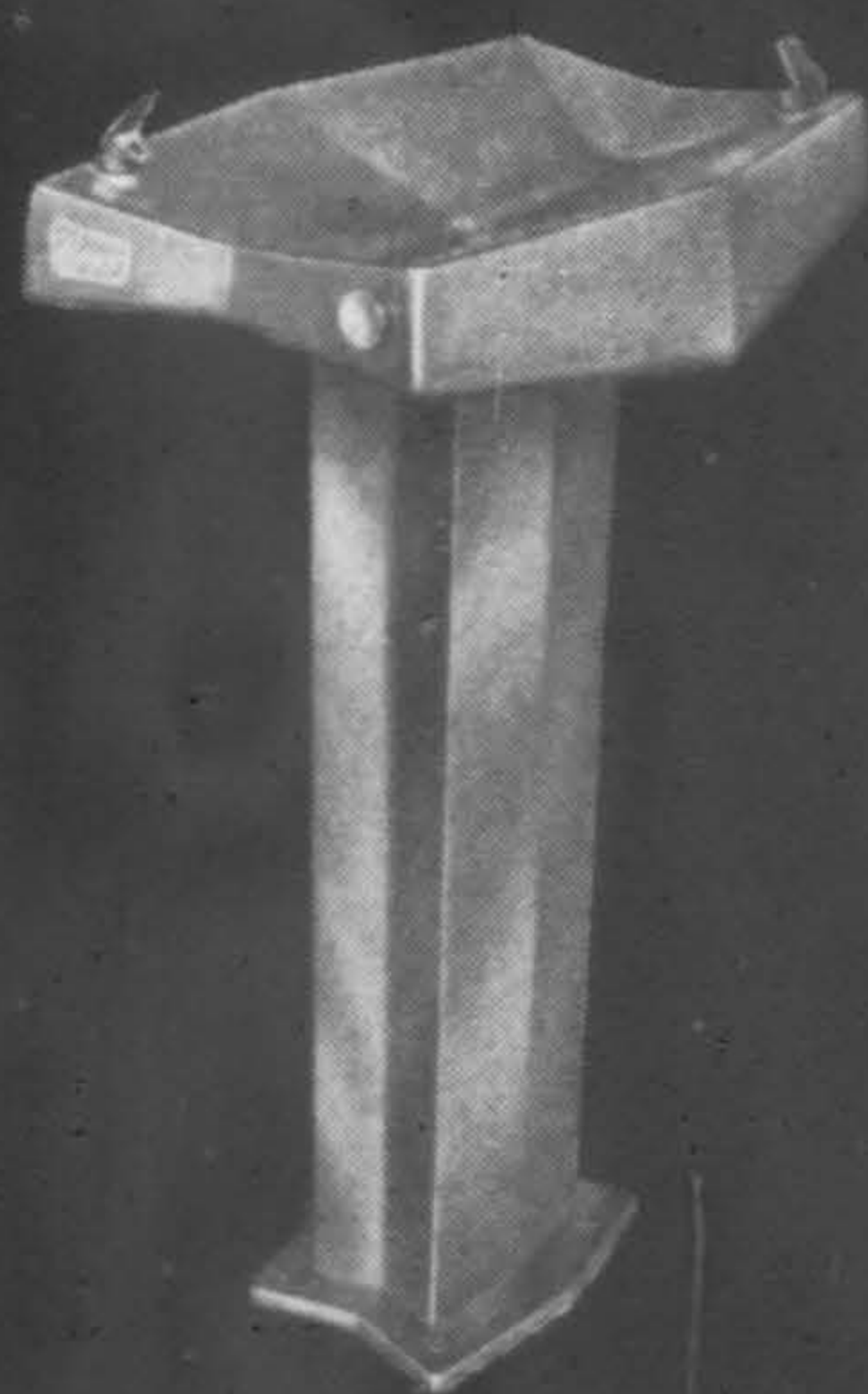
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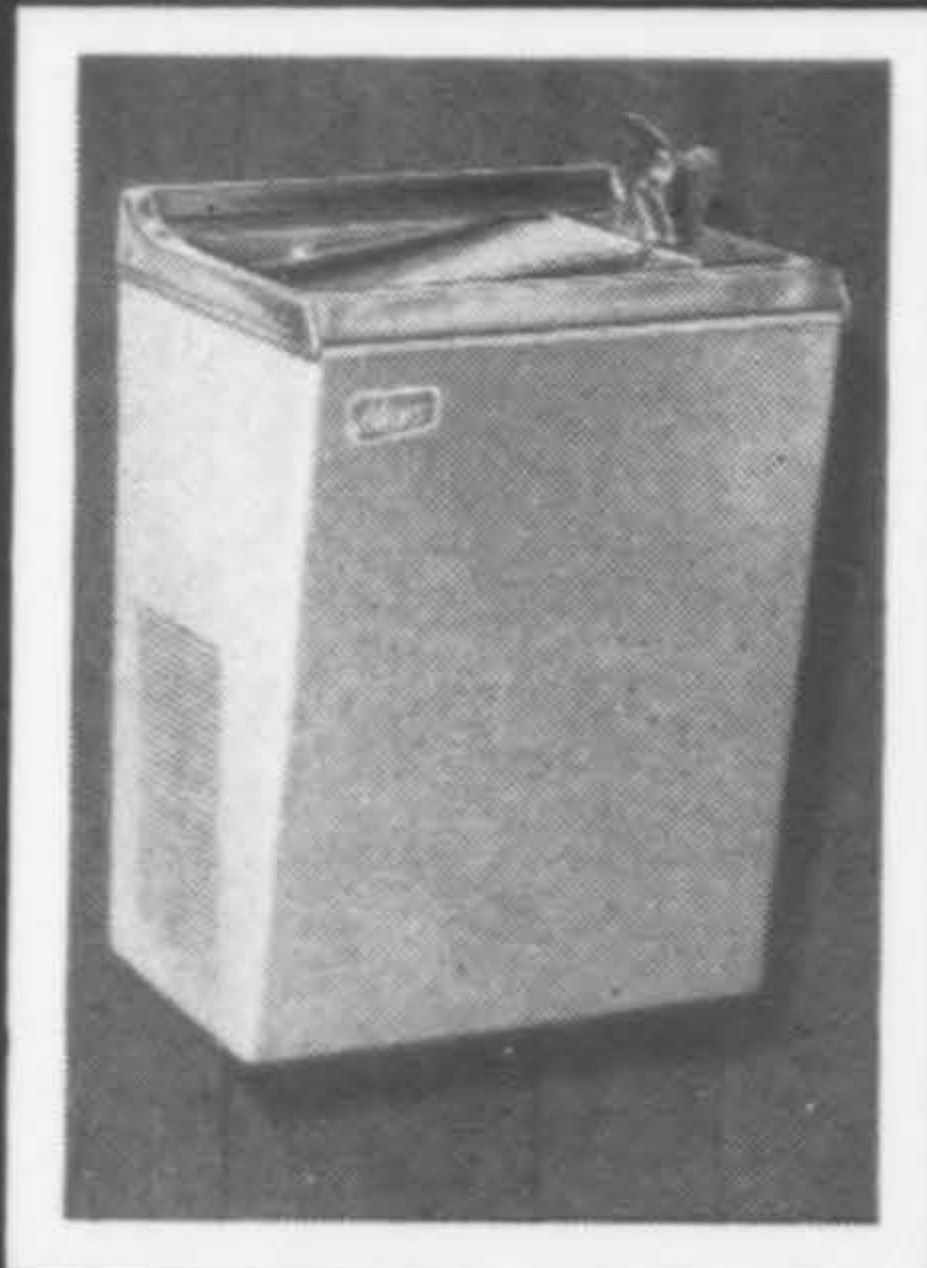


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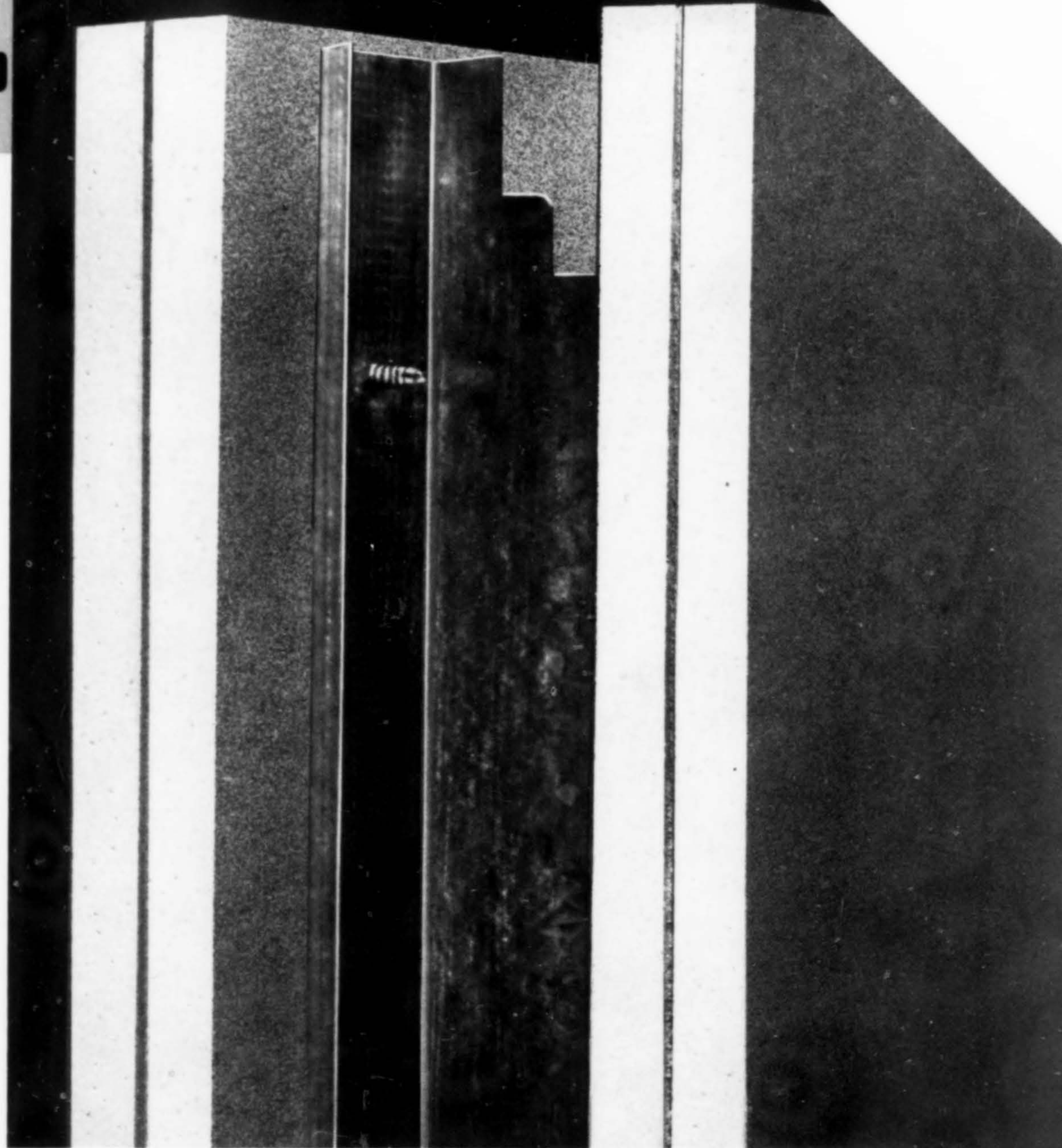
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**FIRST NATIONAL BANK** building, San Diego, will be 25-stories high, the tallest building in the city upon completion. The bone-white structure will have a 35-ft. wide roof garden atop the second floor, surrounding the central tower. It will be floodlighted at night. Two levels beneath the street will provide parking space. Eighty glareproof windows, 8-ft.x4-ft., are designed in each of the tower floors. Architects: Tucker, Sadler and Bennett, San Diego; Trepte Construction Co., general contractor.

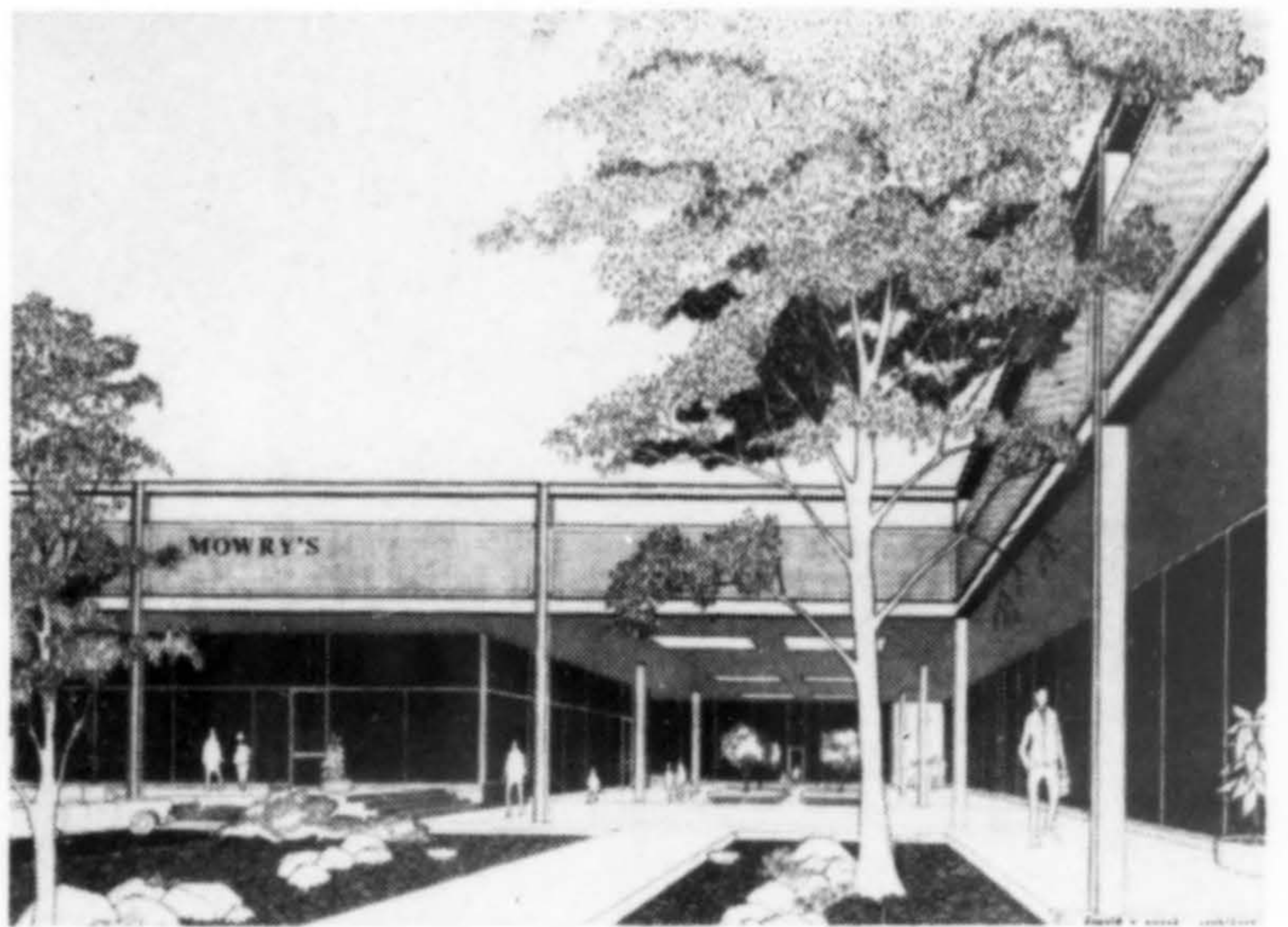
## PROJECT PREVIEW



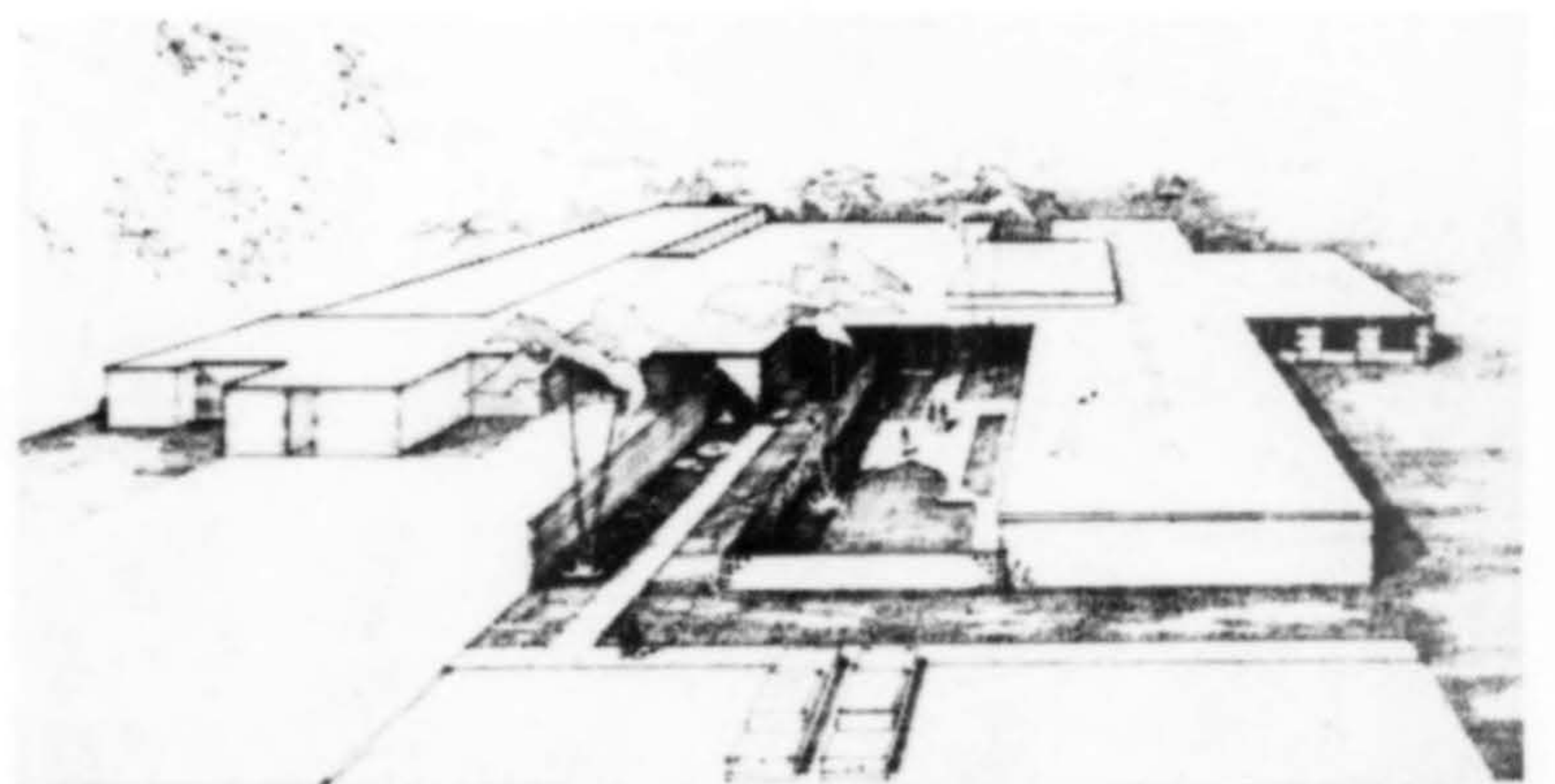
**TALLEST STRUCTURE** in Everett, Washington, will be this branch of the Seattle-First National Bank. The seven-story office building will be occupied by bank on first two floors with balance reserved for rental units. Top floor will have an exclusive men's club. Parking below ground level with drive-in facilities at street level. Exterior will be exposed aggregate concrete and granite, reinforced concrete on first two stories, steel frame on rest. Building is being constructed in two stages, tower section first. Architects: Hall & Dykeman, Everett; Newland Construction Co., general contractor.



**MEDICAL CLINIC**, Missoula, Montana, will be connected to existing clinic by underground concourse. The new building will have three floors, on-grade parking area adjacent, concrete walls, prestressed concrete channel floor and roof slabs, face brick and exposed aggregate concrete trim on street and entrance facade. Architects: Witwer & Price, Missoula.



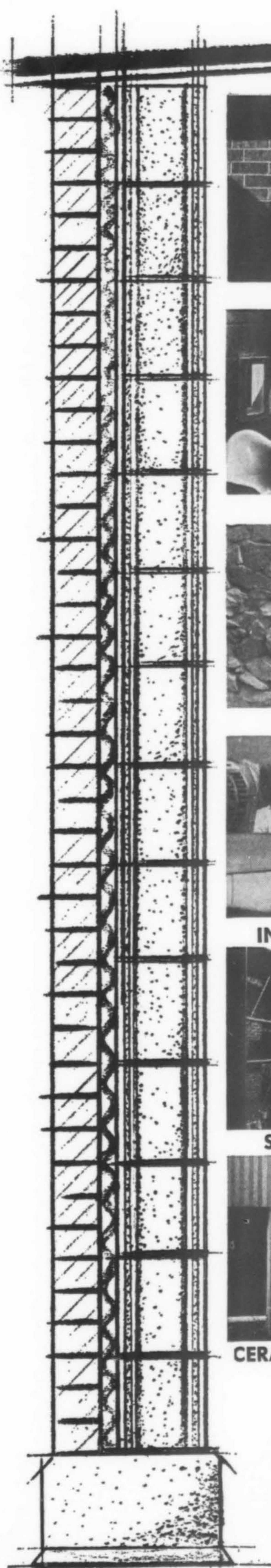
**AVONDALE SHOPPING CENTER**, Denver, is part of first urban renewal project in the city. Arranged around a series of three landscaped malls, the center will be of exposed steel frame painted white, and gray brick. Soffit level of canopy remains constant through entire center with ground level varying according to site conditions. The 70,000 sq. ft. area includes medical building, drug store, supermarket, variety store, filling station, miscellaneous service shop. Architect: Donald R. Roark, Denver.



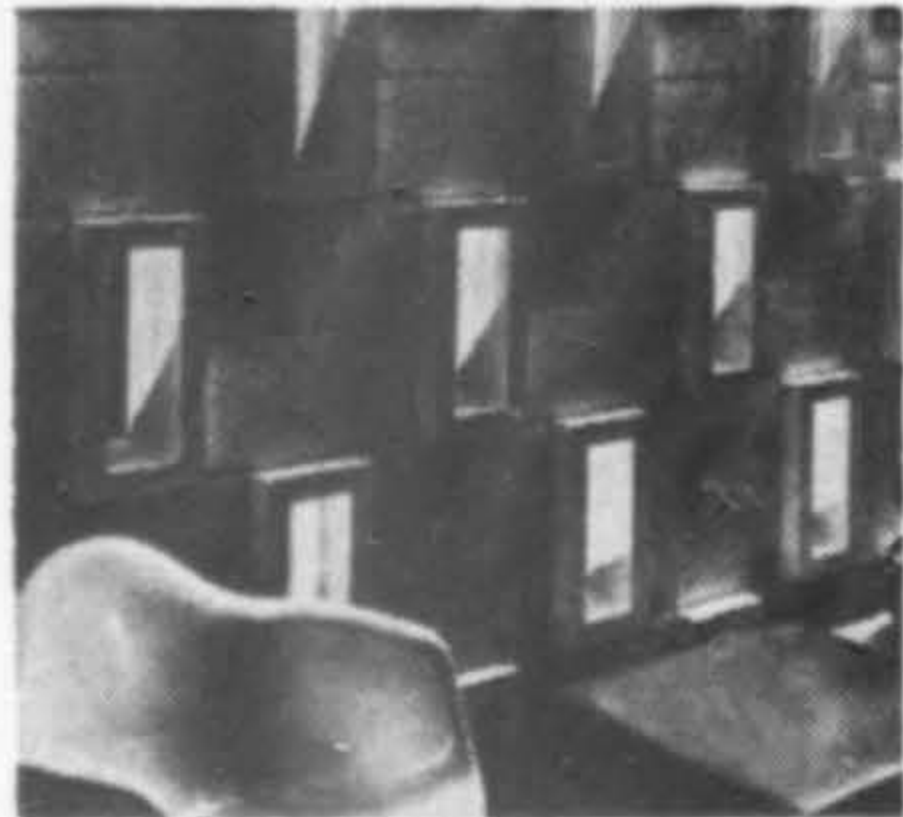
**NURSING HOME** to be built as an addition to the Elmore County Memorial Hospital, Mountain Home, Idaho, will have brick veneer exterior with stucco panels at windows, conventional wood joist roof framing and wood joist floor construction. The facility will include 20 patient rooms, dining room, kitchen, multi-purpose room, chapel, TV-divisional therapy room. Architects: Nat J. Adams & Associates, Boise.



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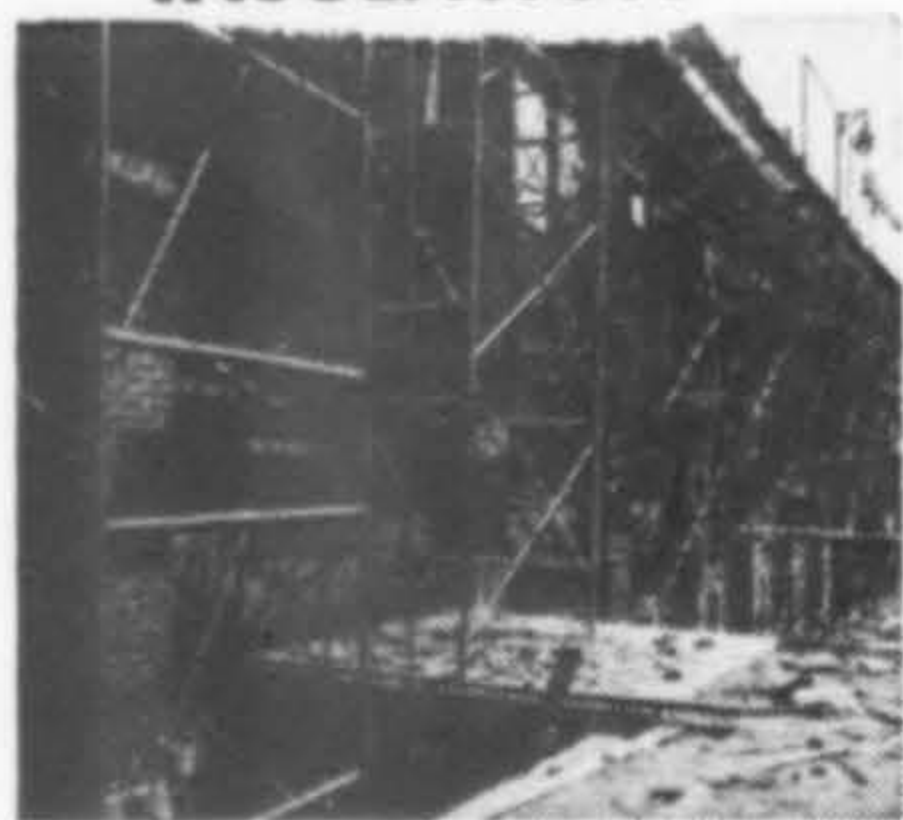
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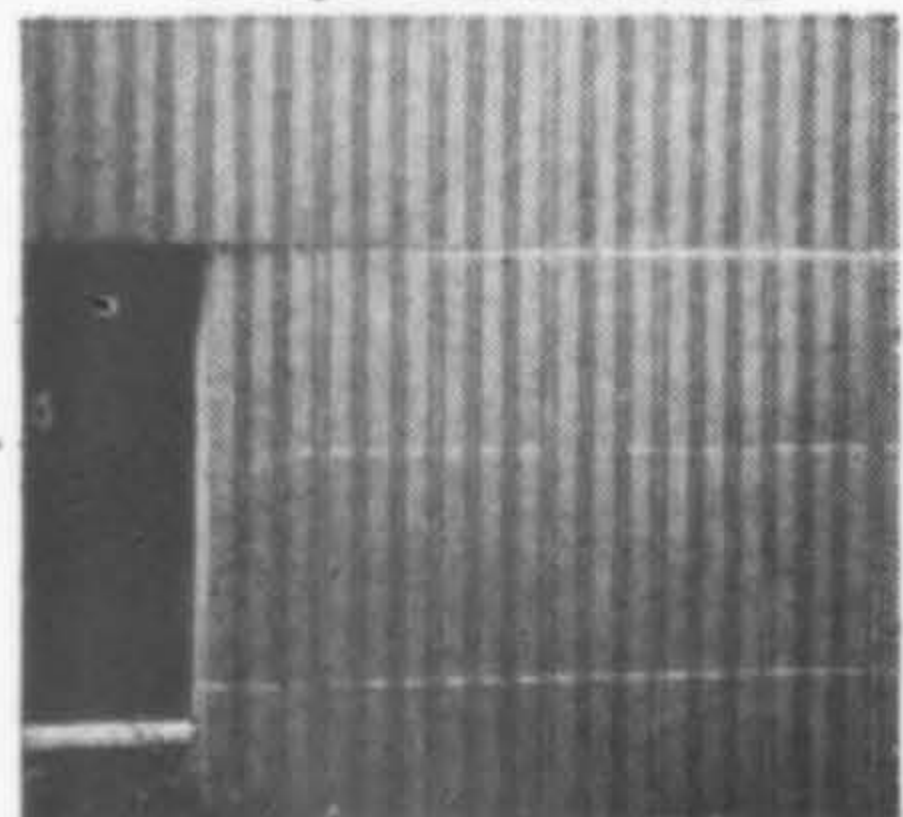
**STONE**



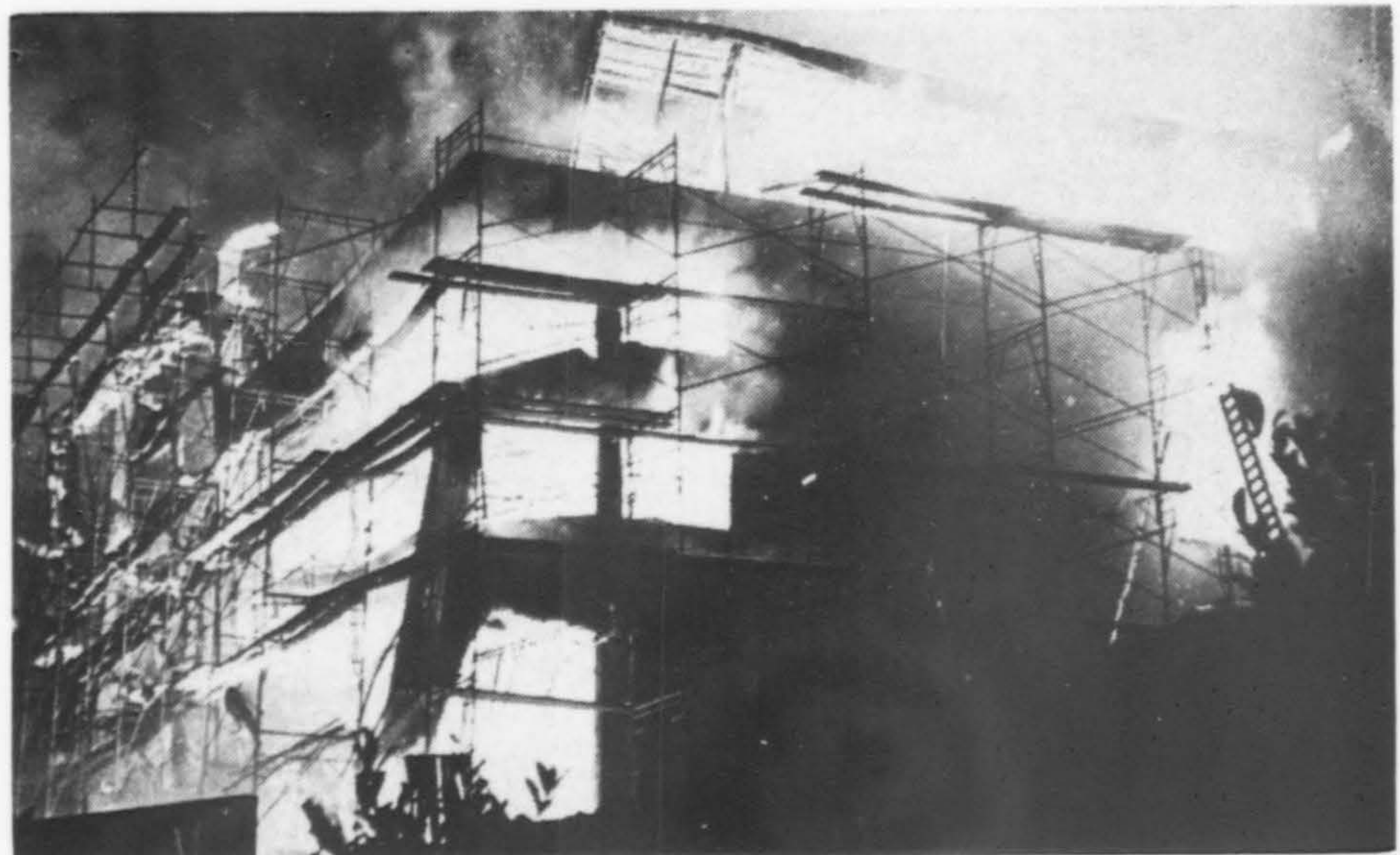
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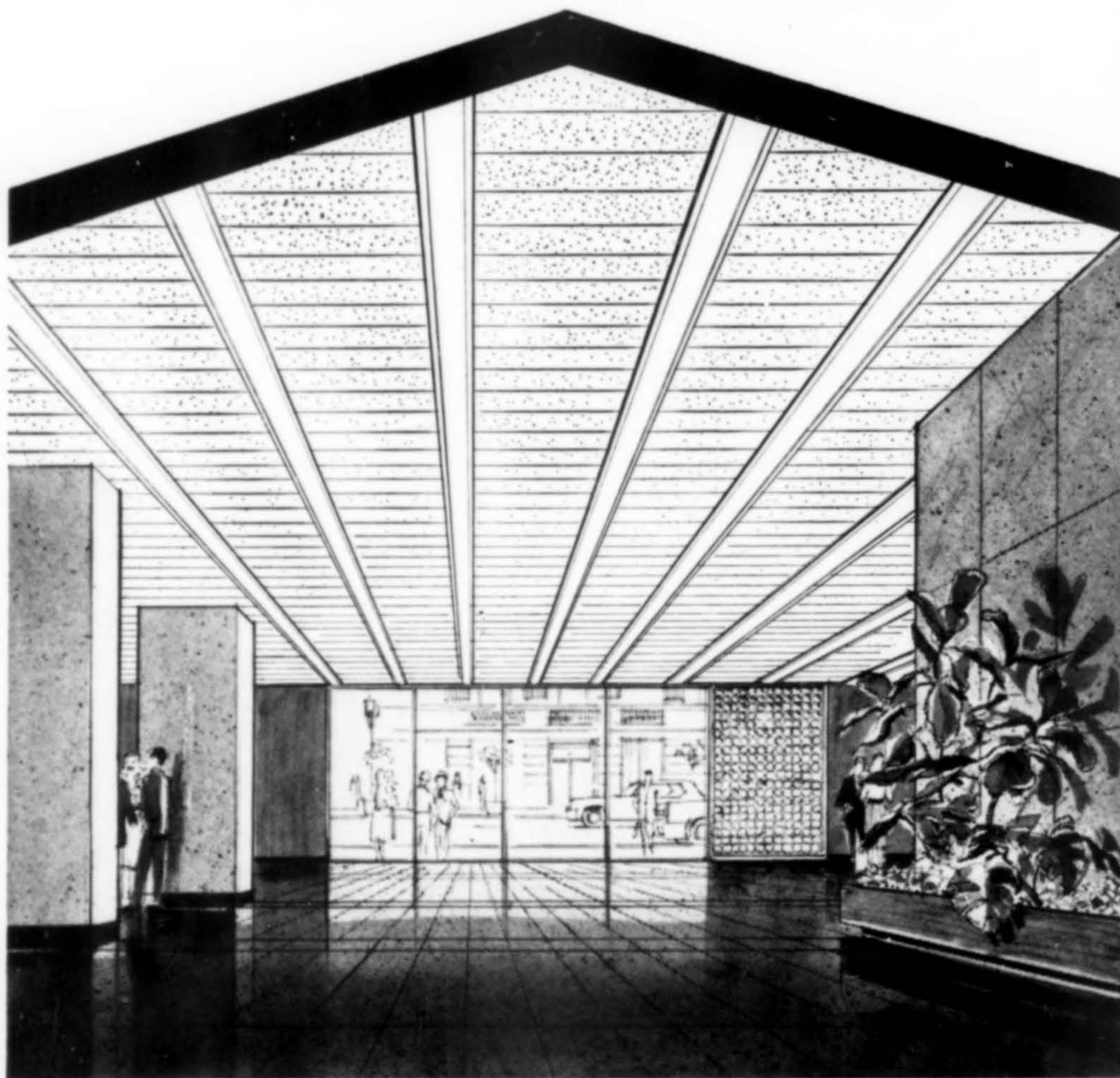
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## Two Cities . . . And Their Problems

GOVERNOR JOHN LOVE'S 100-member Local Affairs Study Commission has postponed action till February 15 on the proposal to create an urban county government in the Denver metropolitan area. Much criticism has been directed against the fear that such an urban county would be so large that it would completely dominate the state and the Colorado General Assembly.

The proposed urban county would encompass the entire Denver area and be responsible for administering water, sanitation, trash disposal, storm sewage collection, library, airport and park and recreation facilities. The same form of government would be made available to other areas of the state meeting specified requirements. This urban county government proposal is contained in a draft of the so-called Local Government Home Rule Amendment to the Colorado constitution. Legislative approval would allow the amendment to be substituted to the voters for a final decision in the 1966 general election.

PHOENIX considers itself to be a bulwark of "freedom" with its "look, no laws" outlook. By now the 22d largest city in the U.S., it has no master plan, no housing code. Overall, with more than 700,000 persons living in the Valley today, there is not a solitary guideline yet laid down for metropolitan development of an area which in its next generation will house two million.

Two steps have been proposed by the Valley Beautiful Citizens Council: Formation of a voluntary Metropolitan Council, to be made up of the chairman of the county board of supervisors and the mayors of the Valley's 16 municipalities. There is precedence for this kind of cooperation locally in the operation of a county health department serving Phoenix as well. The second proposal calls for recognition of a new concept of what constitutes the central business district of Phoenix and the Valley. This accepts the fact that downtown Phoenix, as most people know it, is no longer the business center of the metropolitan area. Like many cities, the merchants have fled the downtown area to satellite shopping centers. Today there is widespread belief that downtown is not worth saving except as a significant element of an enlarged, integrated central district, comparable to the Wilshire Boulevard district of Los Angeles.

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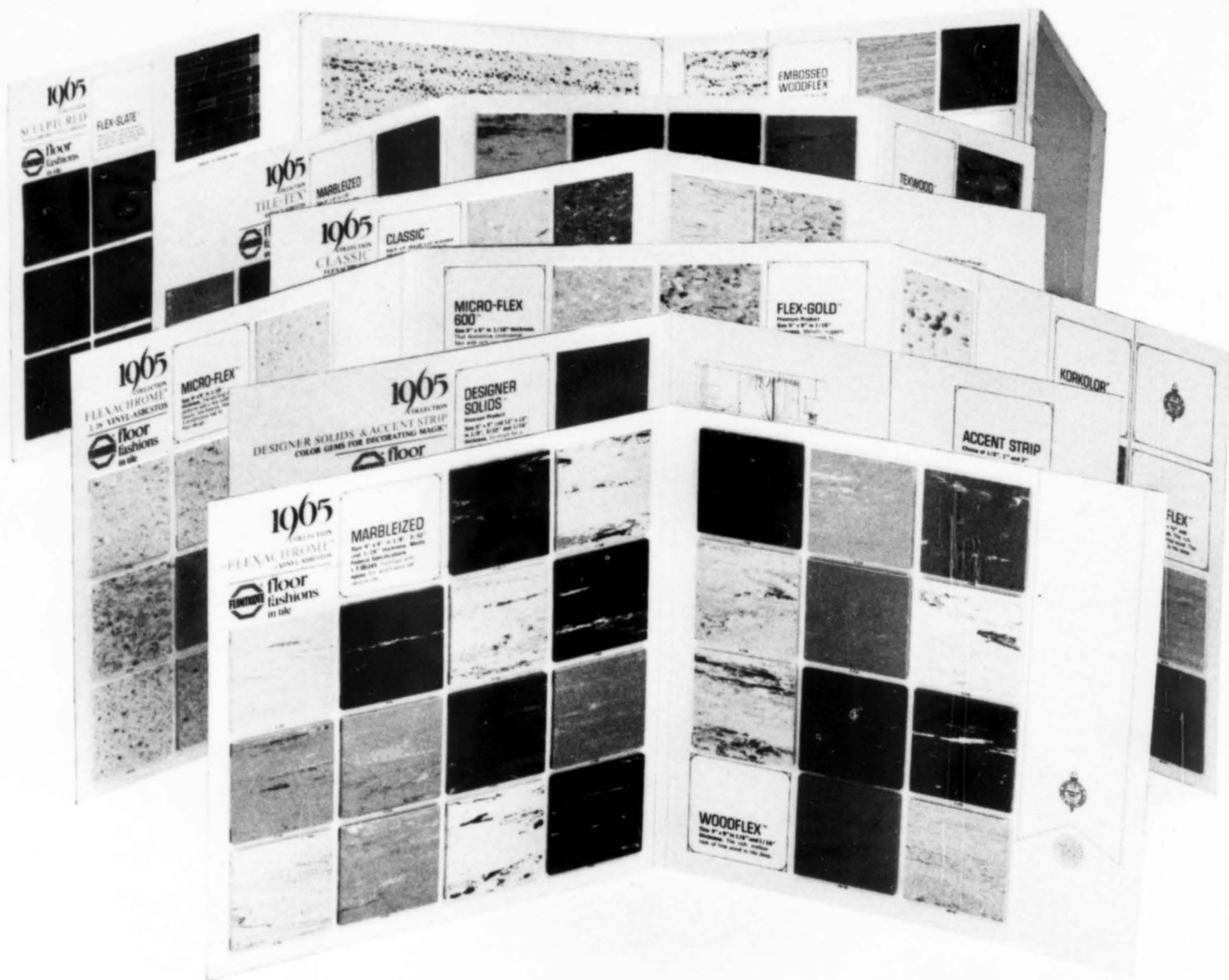
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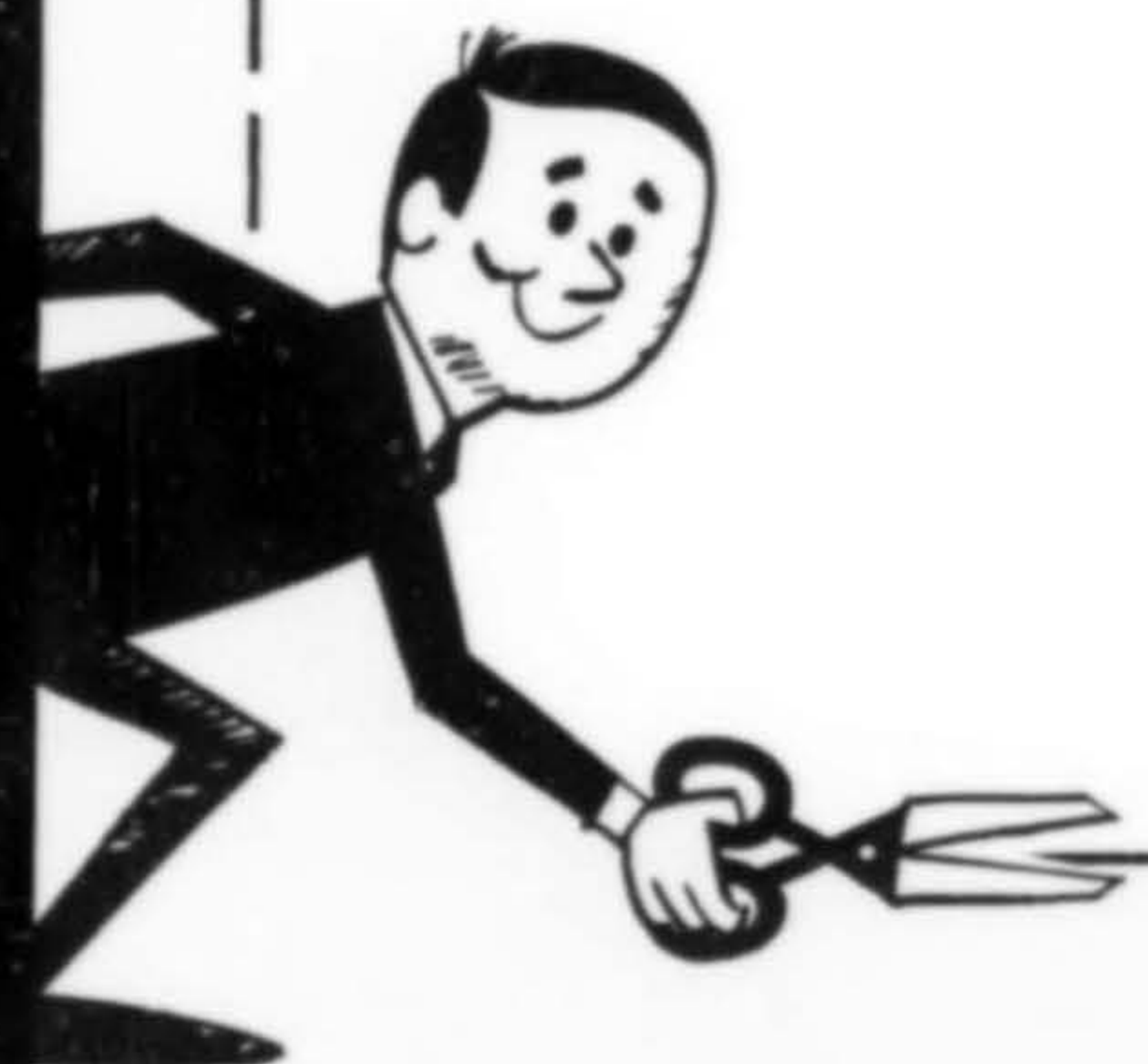
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## T-SQUARE TALK

### NEW OFFICES

✓ Formation of a new firm to be known as Gehry & Walsh Associates has been made by Frank O. Gehry, principal partner in the firm, in association with C. Gregory Walsh. New offices have been opened at 11632 San Vicente Boulevard, West Los Angeles.

✓ Charles W. Fawcett, Jr., great-grandson of the man who designed and constructed the St. Louis World's Fair of 1900, has opened an architectural firm at 77 W. Third Ave., Scottsdale, Arizona.

✓ Richard S. Matsunaga has opened new offices for the practice of architecture at 550 Reed Lane, No. 201, Honolulu.

✓ Tician Papachristou and Daniel Havekost have announced the formation of Papachristou and Havekost, Architects and Planners, for the practice of architecture with offices in Tower Suite 2 of the Continental Oil Building, 1755 Glenarm Place, Denver. Mr. Papachristou has been in practice in the Denver-Boulder area since 1956 and Mr. Havekost has practiced in both San Francisco and Denver, most recently with the Denver firm of Hornbein & White.

### OFFICE CHANGES

✓ Lawrence G. Waldron and Robert H. Dietz announce the appointment of Gerald C. Pomeroy as a partner in the Seattle firm of Waldron & Dietz, Architects.

✓ William Roger Yost, former project manager for Skidmore, Owings & Merrill, Portland, has joined the new firm of Campbell, Miller & Michael—Architects. Ivan H. McCormick, also formerly with SOM, is office manager.

✓ William D. Merrill, Honolulu architect, has resigned from the firm of Merrill, Roehrig, Onodera & Kinder, Inc., and will work on a consulting basis from his residence at 2230 Kamehameha Ave.

✓ Richard J. Lareau & Associates, San Diego architects, announce the appointment of William A. Richardson, Jr. and Orville G. Donnelly as associates. The firm, founded in 1957, is located at 5055 North Harbor Drive.

### APPOINTMENTS

✓ Mac Alfred Cason, chief architect for Los Angeles County since 1960, has been appointed chief campus architect for the University of California at San

Diego, where he will head the Office of Architects and Engineers which is coordinating the multi-million dollar building under way at the Torrey Pines Mesa campus.

✓ Fred Rochlin, partner in the Los Angeles architectural firm of Rochlin & Baran, Architects & Associates, has been appointed by Governor Edmund G. Brown to the State of California Hospital Advisory Council, a four-year commission.

### HONORS

✓ The Society of American Registered Architects has presented a commendation award to Raymond Dean Conwell, FARA, for work in design of homes at San Ramon Village, a master-planned community of 4,500 acres in Livermore Valley, California.

### MISCELLANY

✓ Arthur W. Angel, Montebello architect, has announced his retirement from professional practice after more than 50 years, most of it in the Los Angeles area. He will reside in Van Nuys.

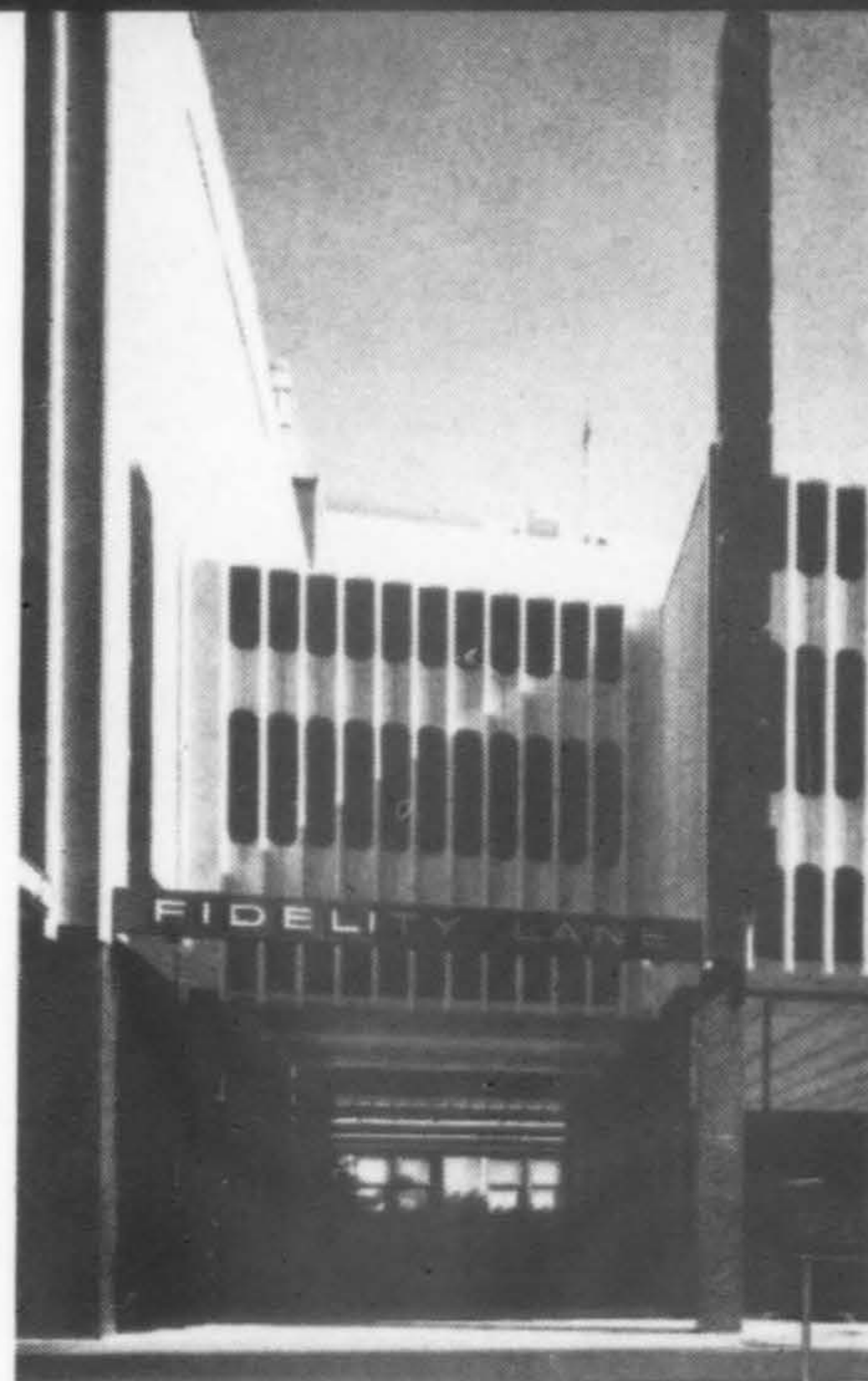
✓ Dean Sidney W. Little, FAIA, of the College of Fine Arts, University of Arizona, joins Norman C. Fletcher FAIA, Cambridge, Massachusetts, and William Dow Gumerson, Oklahoma City, as jurors for the fifth annual Reynolds Aluminum Prize competition for architectural students.

✓ Cassatt D. Griffin retired January 4 after 32 years of service with Los Angeles County. A licensed architect and member of the AIA, Mr. Griffin has been for the past five years in the Los Angeles County Engineer's office where he had responsibility for the Architectural and Building and the Safety Division of the county engineer's department.

### COMPETITIONS

✓ The Dow Chemical Company announces sponsorship of a 1965 Architectural Awards program, open to all registered architects within the United States. As many entries as desired may be entered by participants but each entry must be a complete architectural entity—factory, office building, etc. Single residences are not eligible. Cash awards have been increased to \$4000 for first place; \$2000 for second and \$1000 for third. Award plaques will go to 10 Honorable Mention winners.

Submission of entries closes on Ap-



**FIDELITY LANE**, Seattle. Architects: Durham, Anderson & Freed, were given a special Citation of Merit at the recent Seattle Chapter, AIA, honor awards competition. Jurors said: "The Fidelity Lane complex makes to the general betterment of Seattle's downtown environment, creates a pleasant pedestrian linkage between important elements of the Central Business District, countering the effects of fragmentation and providing a degree of visual continuity in the city."

### APOLOGIES . . .

In December, we did some editorial sleight-of-hand and promoted three to vice presidencies at Charles Luckman Associates instead of Victor Gruen Associates. We are indeed sorry and richly deserved this chiding:

"Your T-Square Talk editor provided all of our personnel a hearty chuckle when he reported that Messrs. Hotchkiss, Branigan and Lesnett had been named to vice presidential posts at the Charles Luckman office. We dug out our original release to see if at last we had committed the ultimate error, misspelling 'Victor Gruen' so that it came out 'Charles Luckman.' But sure enough, it was correctly spelled and we imagine your T-Square Talk editor (or some practical joker linotype operator) is about to share in what turned out to be the best laugh our staff of 250 has had in years. After all, 'tis the season to be jolly."—Victor Gruen Associates.

\* \* \*

To Lester and Phillips, Ltd., Honolulu, for reporting (the same month!) that they had changed their name from Rothwell, Lester and Phillips, Ltd., to Guy N. Rothwell & Associates. 'Taint so. Rothwell, Lester and Phillips have changed their name to Lester and Phillips, Ltd., are still at 843 Fort Street, Honolulu. Guy N. Rothwell & Associates is a new firm at 320 Ward, Honolulu.

## T-SQUARE TALK continued—

ril 1, 1965. Information may be obtained from Louis G. Redstone, FAIA, professional advisor, 10811 Puritan Ave., Detroit, Michigan.

✓ A special metal stairs design competition with prizes totaling \$2300, has been announced by the Architectural Metal Products Division, National Association of Architectural Metal Manufacturers.

The competition, open to architectural draftsmen (under 30 years of age), graduate students, post-graduates and students in the upper grades will involve three separate competitions: (1) design of a metal stair in a museum; (2) design of a metal stair in a two-story garden apartment, and (3) a metal stair in a two-story office building. Entries may be submitted in any or all competitions but a registration fee of \$2.50 is required for each entry.

Deadline for entries is April 1, 1965. They are to be submitted to National Institute for Architectural Education, 115 East 40th S., New York, N.Y.

## DEATHS

✓ James H. Mitchell, 75, pioneer San Francisco architect who designed many of the area's custom-built and subdivision homes, died in mid-November at his Burlingame home following a lengthy illness.

✓ Catherine Bauer Wurster, 59, associate dean of the University of California and nationally known planning authority, died November 21 while hiking on Mount Tumpalpais. She was the wife of architect Dean William Wurster, dean emeritus of the College of Environmental Planning at University of California, Berkeley. Mrs. Wurster was serving on President Johnson's task force on metropolitan problems at the time of her death.

✓ Robert H. Orr, FAIA, 91, a member of the Southern California Chapter, AIA, since 1911, passed away on December 23. He was associated with the Los Angeles firm of Strange and Insee. At the time of his death he was a Director of the Library of Architecture and Allied Arts.

✓ Herbert E. Goodpastor, 63, Sacramento architect, died suddenly at his home on December 30. A practicing California architect since 1932, he had his own office until January 1963, and was still associated with the architectural offices of George Higgins in Sacramento. He was past presi-

dent of the Central Valley Chapter, AIA; a past president of the Sacramento Society of Architects; had served on the Sacramento Planning Commission.

## ELECTIONS

**Southwest Washington Chapter, AIA:**  
Marshall Perrow, president  
William Reed, first vice president  
Alan Liddle, second vice president  
Russell Garrison, secretary  
John Austin, treasurer  
Gordon Johnston and Robert Moriarty, directors

**Oregon Council of Architects:**  
Kenneth L. Morin, Eugene, president  
Donald Richardson, Salem, vice president  
Allen Greene, Eugene, secretary-treasurer  
John Foster, past president of Portland Chapter, executive committee  
James Longwood, Eugene; James L. Payne, Salem; Norman Zimmer, Portland; H. Abbott Lawrence, J. D. Annand and Robert B. Martin, all Portland, directors

**Albuquerque Chapter, AIA:**  
Joe Boehning, president  
William H. Wilson, vice president  
Robert Biddle, secretary  
John Heimerich, treasurer  
Robert Mallory, James Liberty and Garland Bryan, directors

**Hawaii Chapter, AIA:**  
Vladimir Ossipoff, president  
Ernest H. Hara, vice president  
Edward Sullam, secretary  
Donald D. Chapman, treasurer  
Paul D. Jones, Wesley C. Kinder and Alfred Preis, directors.

**Orange County Chapter, AIA:**  
Charles M. Wickett, Fullerton, president  
Murton H. Willson, Corona del Mar, vice president  
Kermit Dorius, Newport Beach, secretary  
David Miller, Silverado, treasurer  
Raymond L. Watson, Santa Ana, director, three years

**Santa Barbara County Chapter, AIA:**  
Kenneth Kruger, president  
Frank Greer, vice president  
Glen Mosher, secretary  
George Ikenoyama, treasurer  
Frederick Noel, Richard Nelson, Wallace Arendt, directors

**Salem Chapter, AIA:**  
James L. Payne, president  
Benjamin E. Cave, vice president  
Charles E. Hawkes, secretary  
Harold P. Saabye, treasurer  
Edmond N. MacCollin, executive committee

## Architects, engineers forum March 26-27 at Disneyland

✓ An Architects and Engineers Forum designed to provide information on new design and system concepts for the total electric environment in today's construction will be held March 26-27 at Disneyland Hotel, Anaheim, California.

Edward Durell Stone, FAIA, will be principal conference speaker. Others on the program: Fred Nicholas, Nicholas-Cowley Associates, Inc.; Charles Selig, AIA; Gershon Meckler, Meckler-Hoertz & Associates; Thomas Beers, mechanical engineer; J. B. Browder, Georgia Power Company.

The two-day conference is co-sponsored by Southern California Edison Company and Los Angeles Department of Water and Power.

## Two new AIA chapters formed

✓ Formation of the Central Washington Chapter, AIA, has received approval, and the following officers have been elected: J. D. Kesterson, Kennewick, president; Donn Rothe, Yakima, vice president; Thomas O. Williams, College Place, secretary-treasurer. Named as directors were Robert Williams, Yakima; H. Brandt Gessel, Walla Walla, and Mark L. Pence, Pasco.

This is the fifth AIA chapter in Washington, joining Seattle, Spokane, Southwest Washington and Vancouver units.

Ventura County (California) Chapter, AIA, also newly authorized, has elected their first slate of officers: Kenneth Hess, president; Andrew Stephenson, vice president; Howard Leach, secretary; George Wilson, treasurer; Fred Hummel, Reginald Crowell, Darwin E. Fisher and Roy G. Wilde, directors.

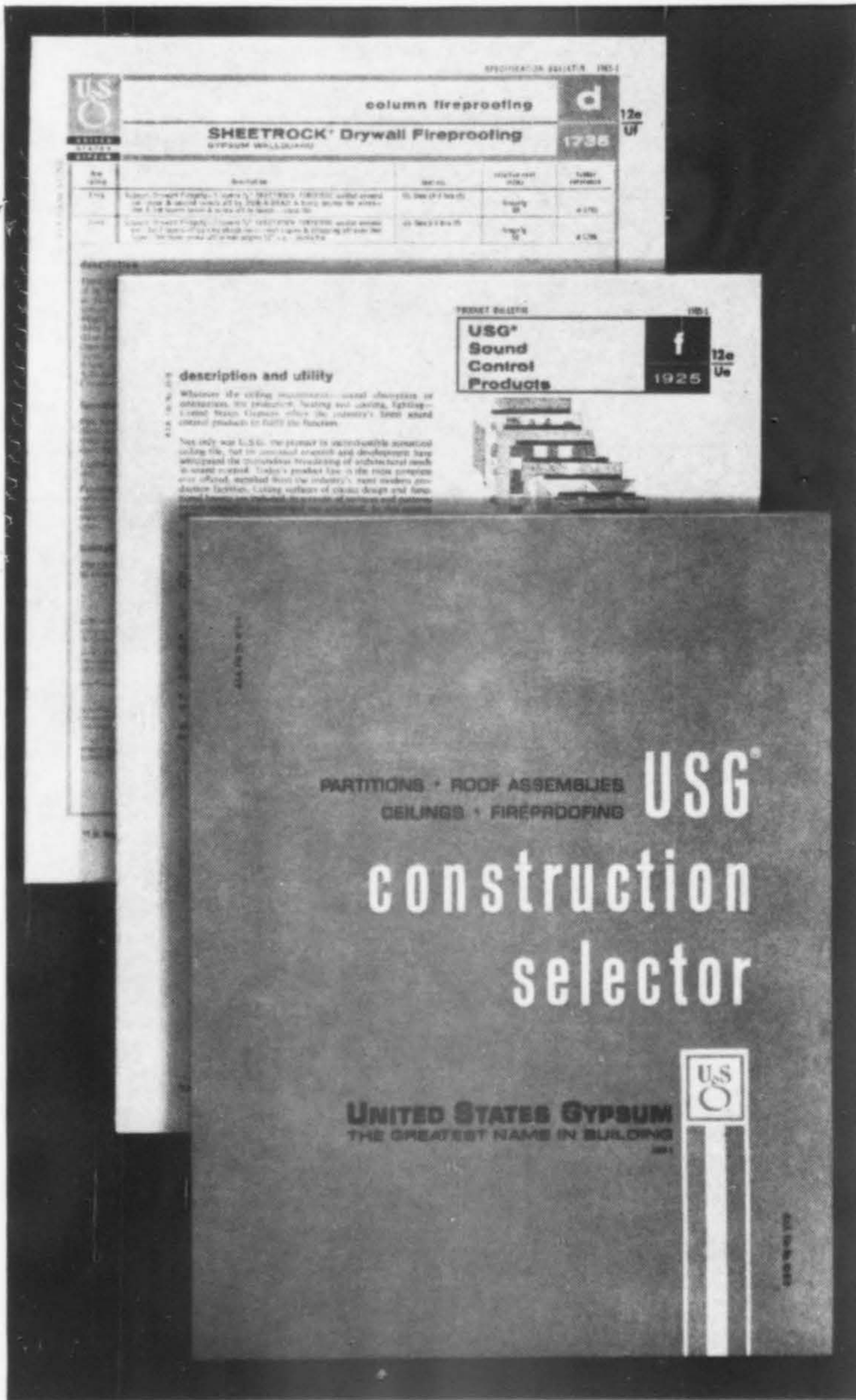
### CHIEF DRAFTSMAN WANTED

Opening in Los Angeles office of National Architectural, Planning and Engineering firm for experienced chief draftsman. Must have extensive background in handling large scale projects and supervising architectural draftsmen. All replies confidential. Box 3397, Olympic Station, Beverly Hills, California.

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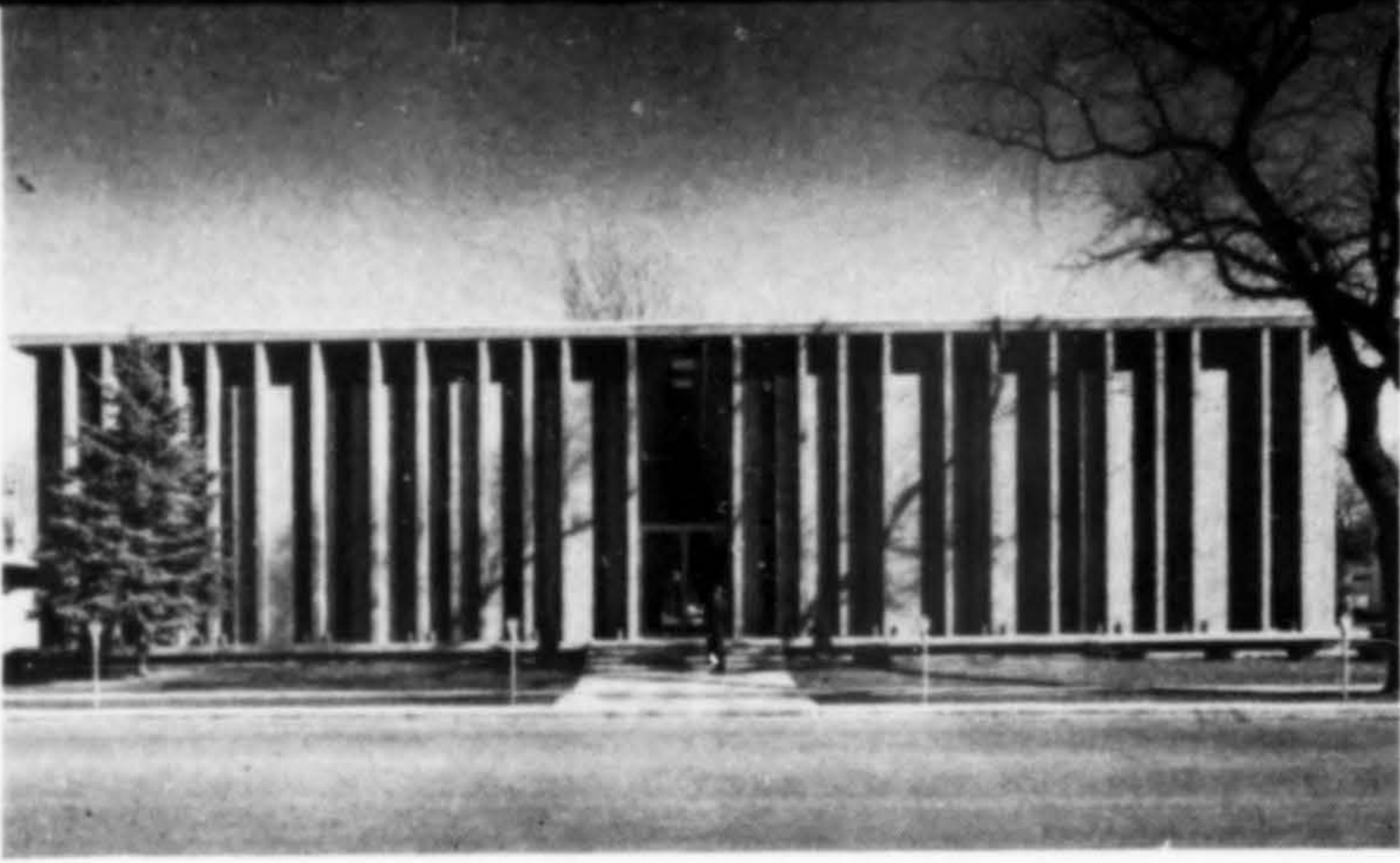
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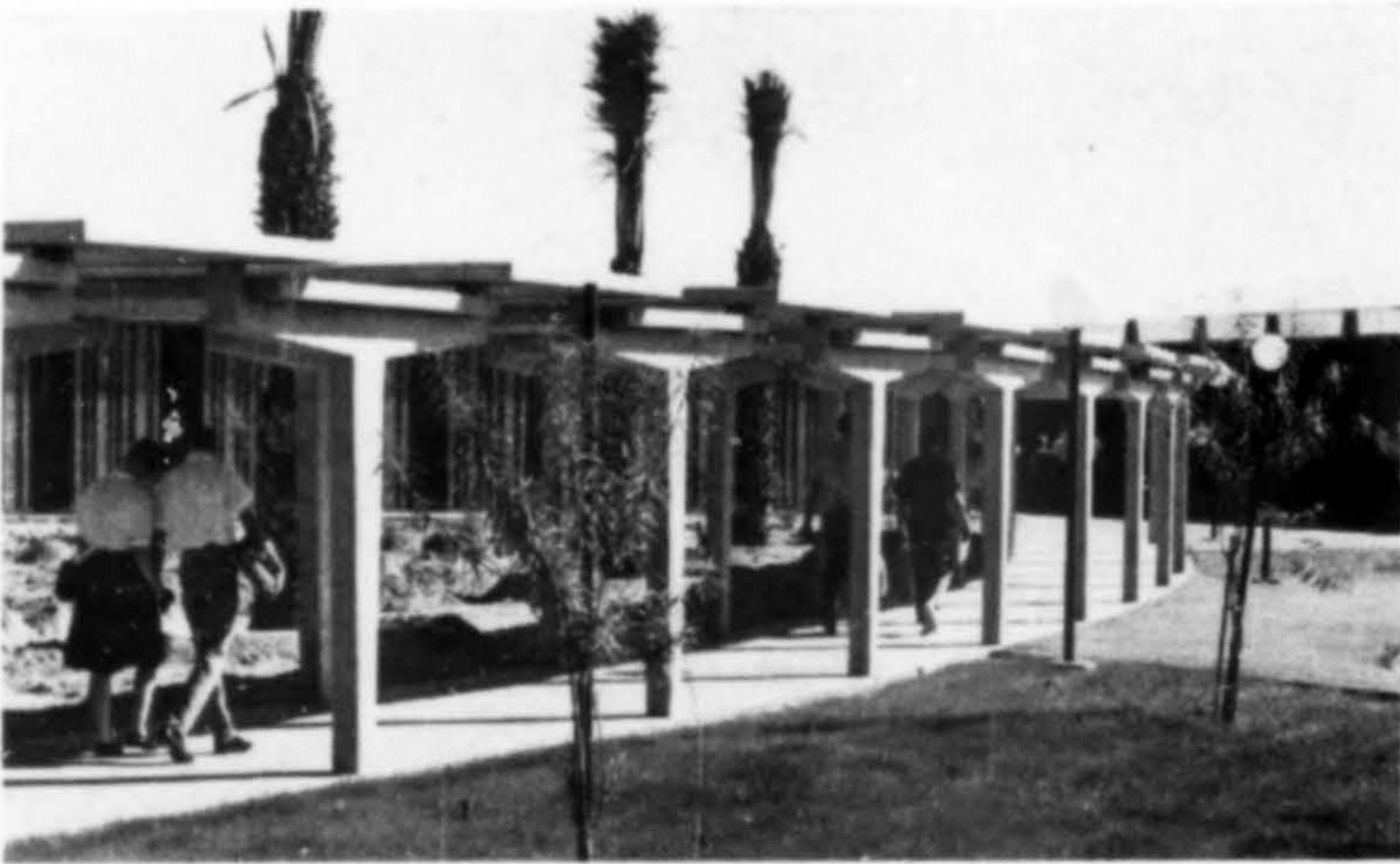




**FIRST NATIONAL BANK**, Loveland, Colorado. Architect: W. C. Muchow Associates, Denver. Julius Shulman photo.



**GARDEN KITCHEN RESTAURANT**, Greeley, Colorado. Architect: Donald R. Roark, Denver.



**ARIZONA WESTERN COLLEGE**, Yuma, Arizona. Architects: Cain, Nelson and Ware, Yuma. Bill Sears photo.



**MUNICIPAL BUILDING and COUNCIL CHAMBER**, Phoenix. Architects: Associated Municipal Building Architects (Edward L. Varney Associates, Ralph Haver and Associates). Howard K. Roth photo.

**GRACE METHODIST CHURCH**, Denver. Architects: James M. Hunter & Associates. Don J. Teegarden photo.



### Six projects honored by Western Mountain AIA

Three Honor Awards and three Merit Awards were shared among five firms in the 1964 Western Mountain Regional AIA competition.

Denver architects W. C. Muchow and Associates were cited for two projects, the Prince of Peace Church of the Brethren in Denver (Architecture/West, December 1964), and the First National Bank of Loveland, Colorado. Donald R. Roark was honored for the Garden Kitchen Restaurant in Greeley, Colorado.

Merit awards went to Cain, Nelson and Ware for the Arizona Western College in Yuma (Architecture/West, October 1964); to Associated Municipal Building Architects (Edward Varney Associates and Ralph Haver Associates for the Phoenix Municipal Building and Council Chamber, and to James M. Hunter and Associates for the Grace Methodist Church in Denver.

Jurors were Donald Lutes, Springfield, Oregon; Hugh Stubbins, FAIA, Boston; Herbert Swinburne, FAIA, Philadelphia, and Herman Light, FAIA, Los Angeles.

**PRINCE OF PEACE** Church of the Brethren, Denver. Architect: W. C. Muchow Associates. Rondal Partridge photo.

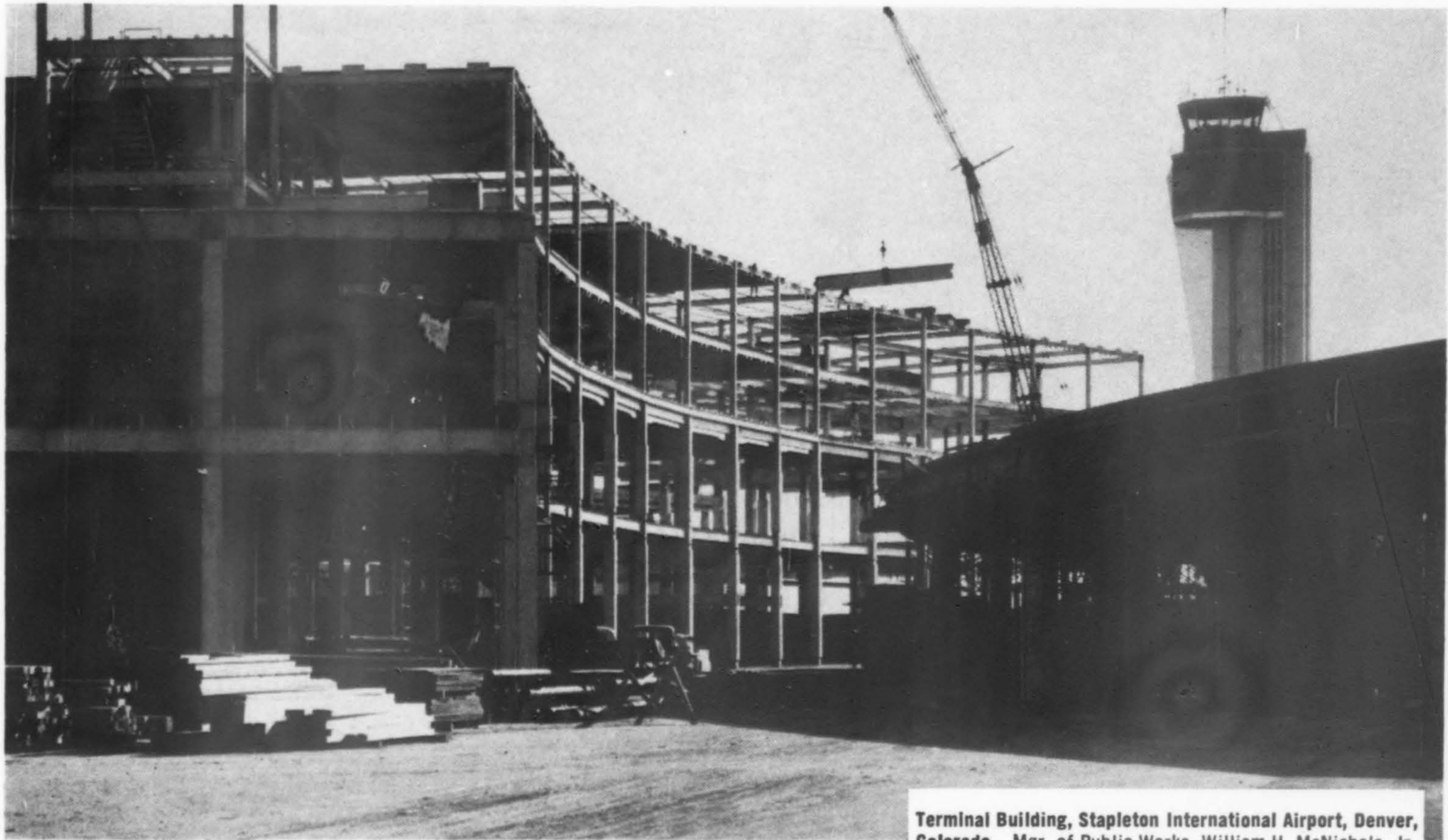




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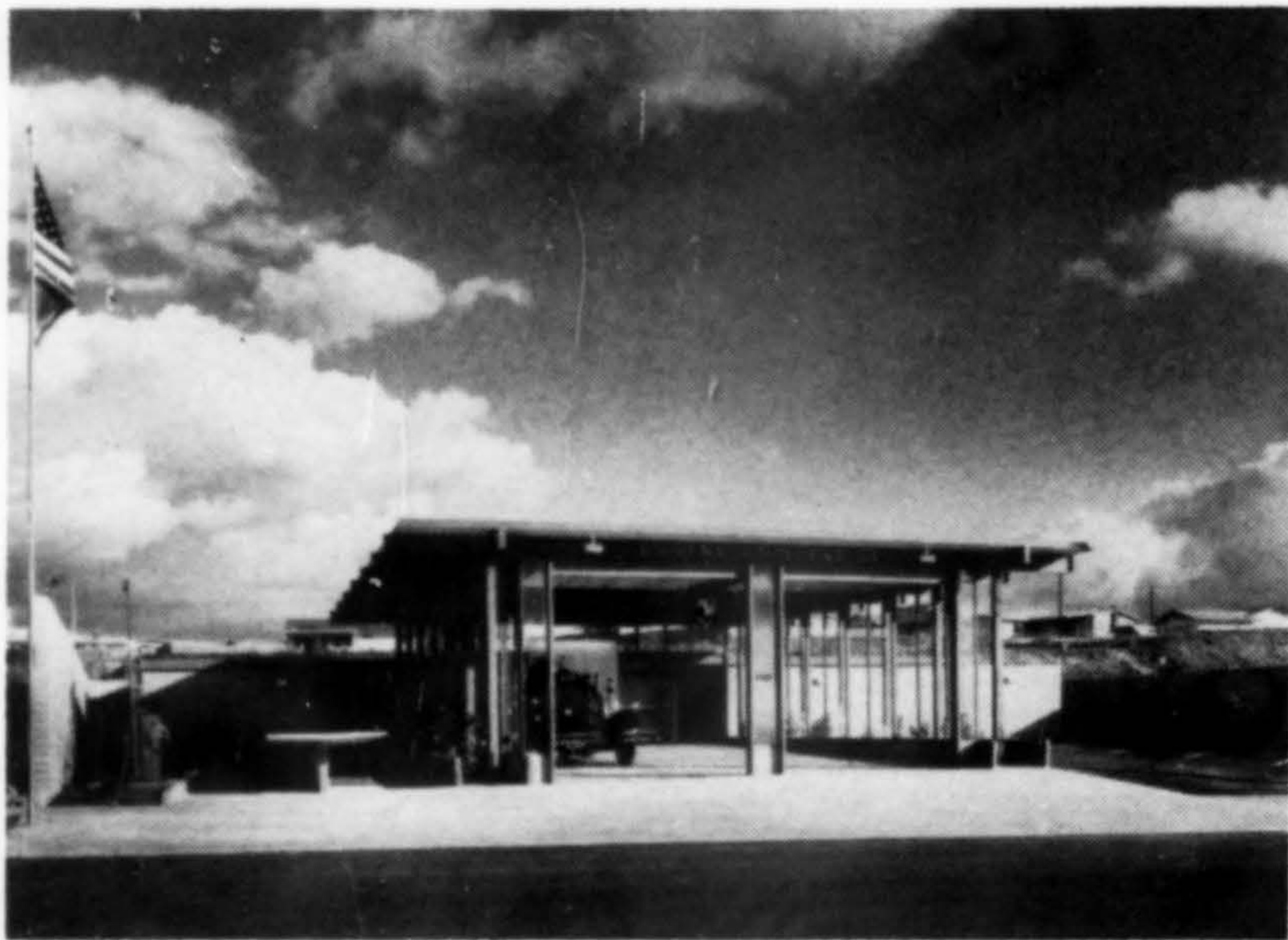
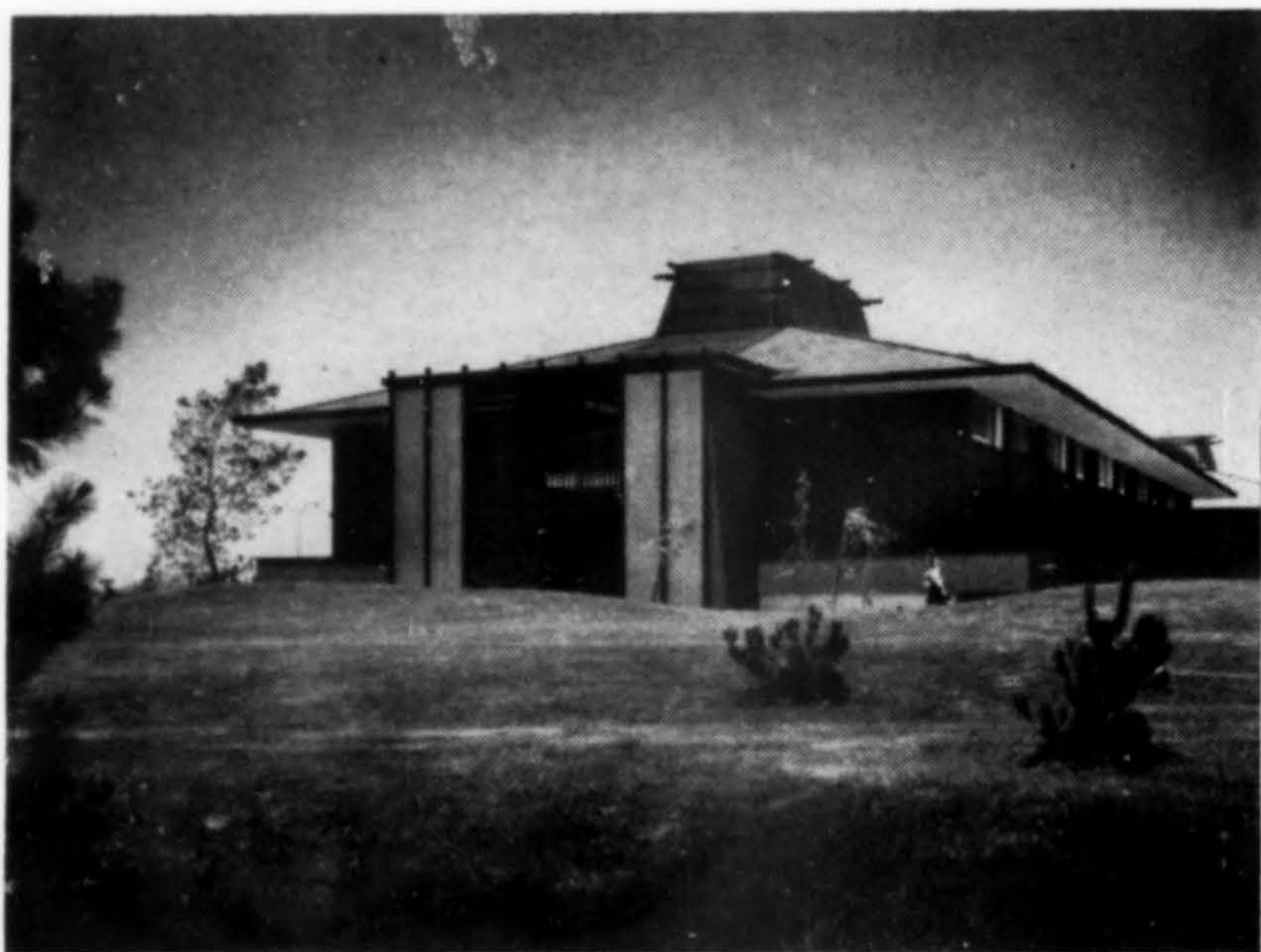
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**TOP PHOTO**—Award of Excellence: Research Building, Scripps Institute of Geophysics, University of California at San Diego. Architect: Lloyd Ruocco; Paul Roel Company, contractor.

**CENTER PHOTO**—Award of Excellence: Islandia Hotel, Mission Bay. Architects: Frederick Liebhardt and Eugene Weston III; Trepte Construction Co., contractor.

**LOWER PHOTO**—Award of Honor: Fire station, San Carlos. Architect: Hester-Jones & Associates, Robert E. Jones, architect in charge; Raymond D. Haas, contractor.

### Distinguished jury selects 17 for honors in San Diego AIA program

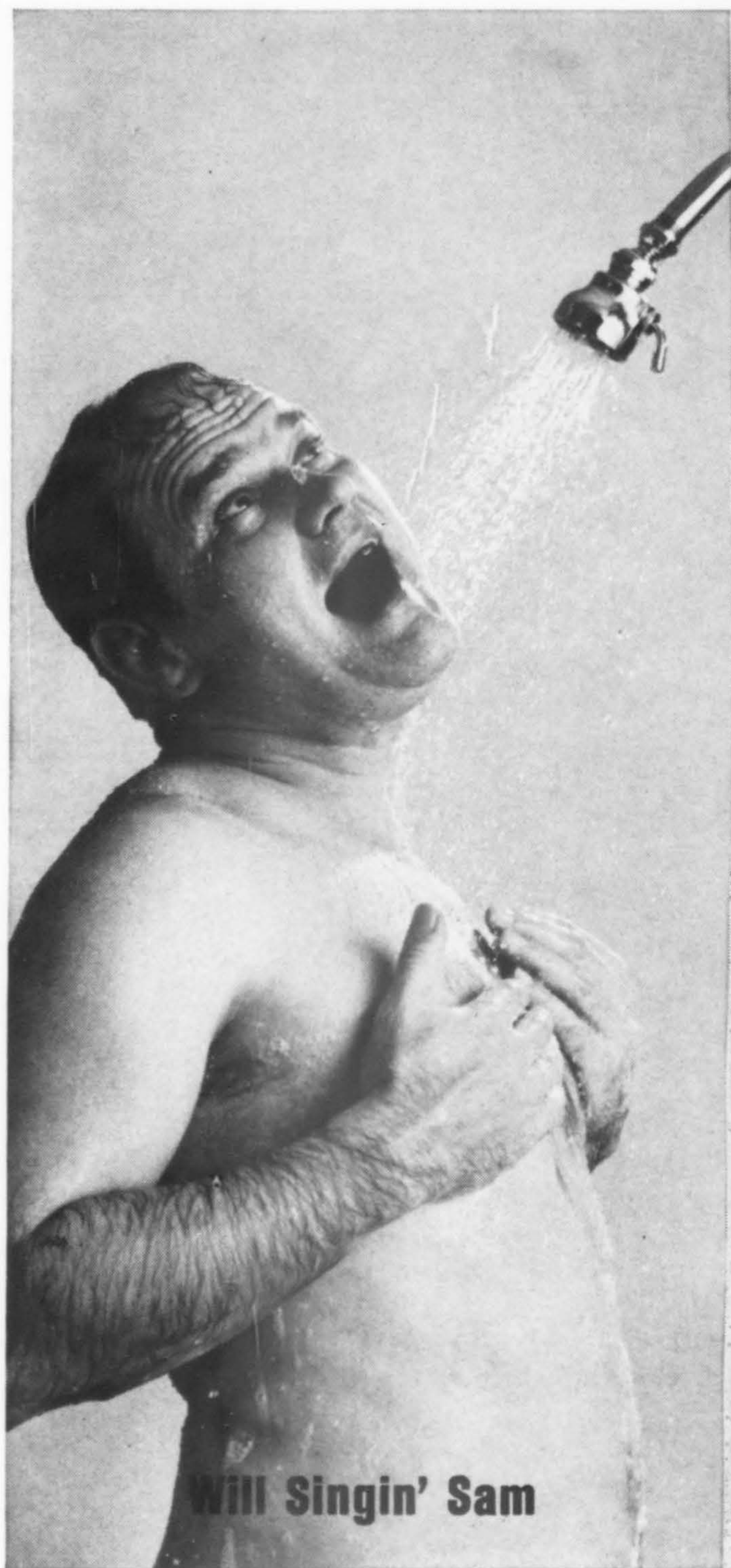
Awards of Excellence, Honor and Merit awards were presented for 17 projects at the third bi-annual Honor Awards competition sponsored by the San Diego Chapter, AIA. The selection, from 70 entries, was made by a distinguished group of jurors: Thomas H. Creighton, FAIA, San Francisco, chairman; O'Neil Ford, FAIA, San Antonio; Richard J. Neutra, FAIA, Los Angeles; Worley K. Wong, FAIA, San Francisco; Calvin C. Straub, AIA, Scottsdale, Arizona.

Awards of Excellence were presented to the La Jolla team of Frederick Liebhardt and Eugene Weston, III, for the Islandia Hotel on Mission Bay, and to Lloyd Ruocco for the Geophysics Laboratory, Scripps Institute, University of California at San Diego.

Awards of Honor were made to Hester-Jones & Associates, La Jolla, for the San Carlos Fire Station; to architect John R. Mock for two articles on Urban Planning written for publication; and for a residence at Mission Val designed by Liebhardt & Weston.

Awards of Merit were presented to Deems-Lewis-Martin & Associates, San Diego, for an attorney's office; to Robert Mosher & Roy Drew for two projects: the La Jolla branch of the San Diego Trust and Savings bank, and the Married Students Housing at the University of California at San Diego. Homer T. Delawie was honored for the Porter 3 Unit apartment at North Mission Beach; for the Mexico-Pacific shop in Old Town San Diego; and for the Nichols residence in La Jolla. The Liebhardt-Weston team also were cited for the La Jolla Country Day school and for the San Diego Yacht Club.

Other Merit Awards were presented to Richard J. Lareau for the White residence in Del Mar; to Hester-Jones & Associates for the Busch residence at Del Mar; to Frank L. Hope & Associates for the Hydraulics Laboratory for Scripps Institute of Oceanography at La Jolla; to Robert D. Ferris for community facilities for MobilPark in South Bay.

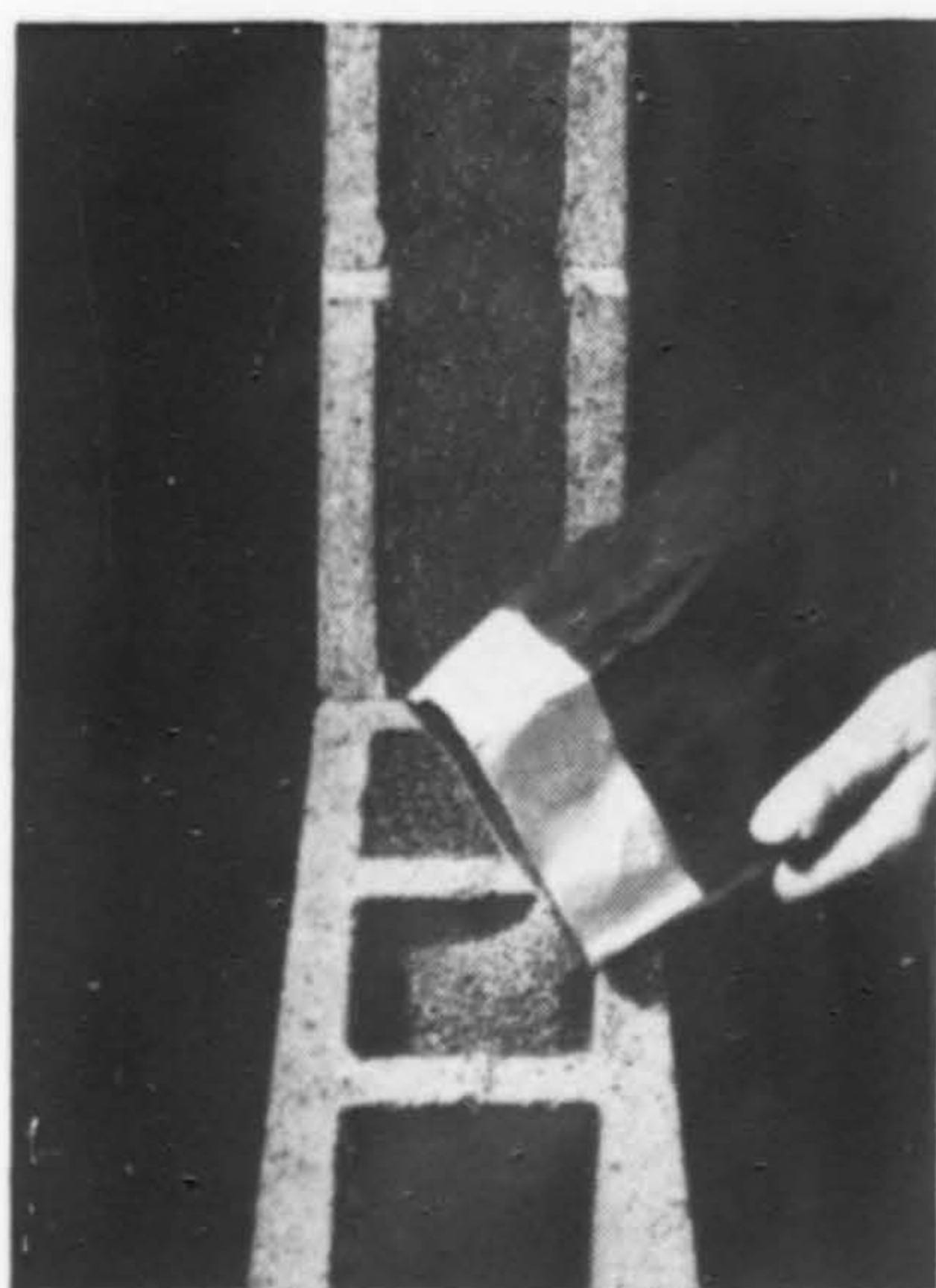


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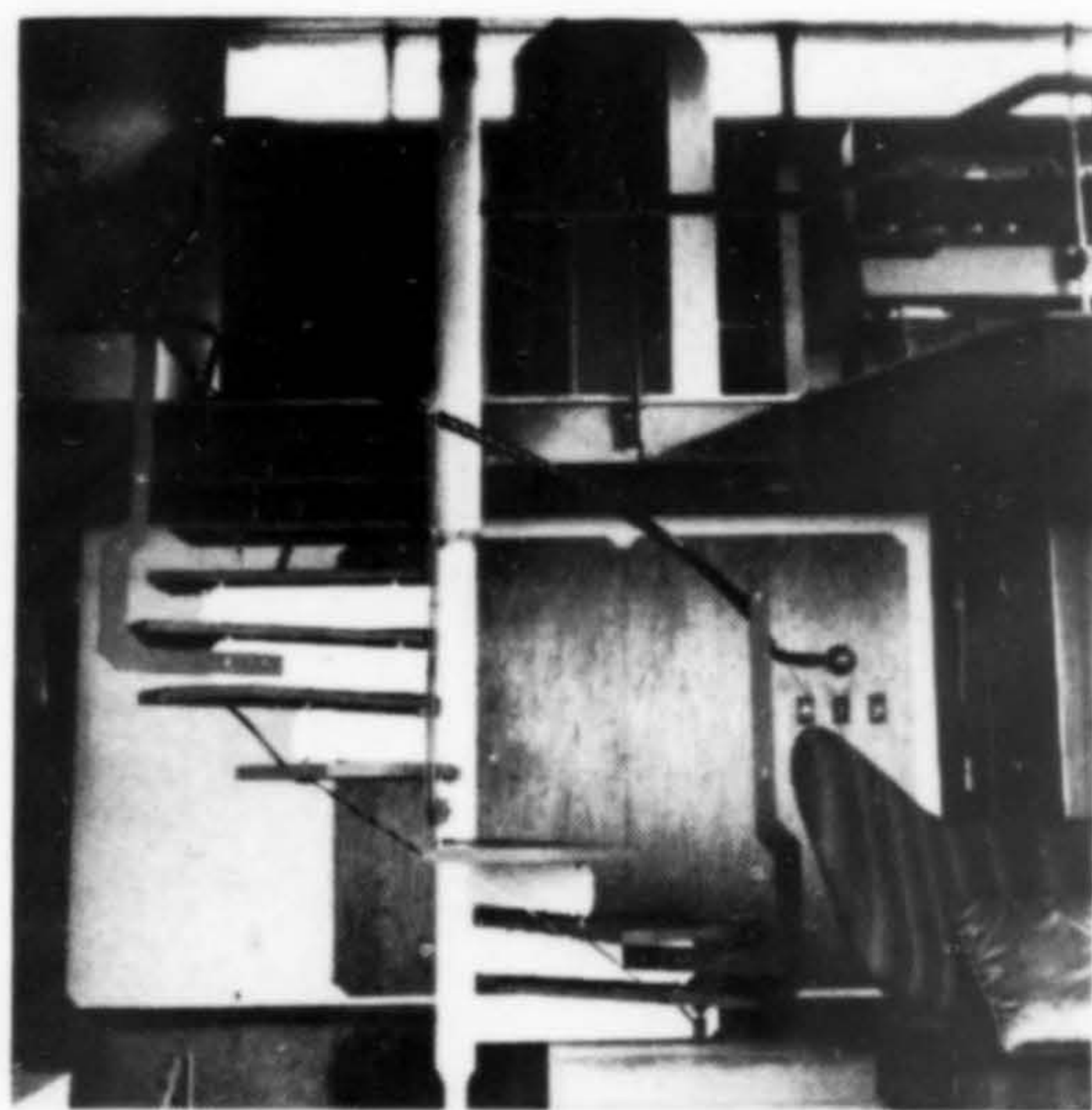
**JAPANESE PRESBYTERIAN CHURCH**, Seattle. Architects: Kirk, Wallace, McKinley, AIA, & Associates. "Their solution is deceiving in its simplicity, born of a highly creative imagination which saw very clearly the problems and levels of design consideration involved. The design expresses in its materials the context of region, neighborhood, and site, while reflecting in form the ethnic overtones of its occupants, without compromising the solution by direct use of traditional idioms."

### Seattle Chapter, AIA, cites three firms

Four buildings were cited in the 1964 Seattle Chapter, AIA Honor Awards program early in December. From a record number of entries, 51, the jurors honored architects Kirk, Wallace & McKinley for two projects: the Japanese Presbyterian Church and Haggett Hall at the University of Washington; Grant, Copeland and Chervenak for the Hugo Winkenwerder Forest Science Laboratory, University of Washington; and Wendell Lovett for his own residence in Bellevue, Wash.

A special Citation of Merit was made for Fidelity Lane, Seattle, designed by Durham, Anderson & Freed. In conjunction with the recognition of current work, the Seattle Chapter again cited an outstanding older structure: the L. C. Smith Building, designed by Gaggin and Gaggin of Syracuse, New York. The building, completed in 1914, has the Smith Tower as one of the distinguishing reference points to Seattle's skyline.

Jurors were Richard Alden, College of Architecture and Urban Planning, University of Washington; Arthur Erickson, Department of Architecture, University of British Columbia, Vancouver, B. C., and DeNorval Unthank of Wilmsen, Endicott and Unthank, Portland and Eugene architects.



**WENDELL H. LOVETT RESIDENCE**, Bellevue, Washington. Architect: Wendell H. Lovett. "The lively and fresh interpretation of even the most ordinary and everyday provisions, the pleasure and connoisseurship evident in the details, the choice of materials and the furnishings make this house an unusually rich and inspiring achievement."



**HUGO WINKENWERDER FOREST SCIENCES LABORATORY**, University of Washington. Architects: Grant, Copeland and Chervenak and Associates. "It synthesizes these elements of site, materials, and program without compromise; making of these elements one of the most beautiful expressions of the wood style to emerge in recent years. Especially admirable is the way the building is located within its environment. It sits very agreeably with its neighbors of various styles by means of deft handling of existing trees as transitional elements."



**ARTHUR and WINIFRED HAGGETT HALL**, University of Washington. Architects: Kirk, Wallace, McKinley, AIA & Associates. "The basic aesthetic of the building appears to be built up directly from a consideration of the individual as being personalized and differentiated within the whole. Its siting makes a very positive statement about the slope of the hill, and recognizes the eventual fate of natural contours in a metropolitan university. The depth of shadow created by the hexagonal 'flutings' gives the towers a strongly recognizable character when viewed from great distances."

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Conquistador Condominium Apartments, Houston • General Contractor: Spaw-Glass, Inc., Houston • Plastering Contractor: Charles F. Schilling Co., Houston • Architect: Claude E. Hooton, A.I.A., Houston

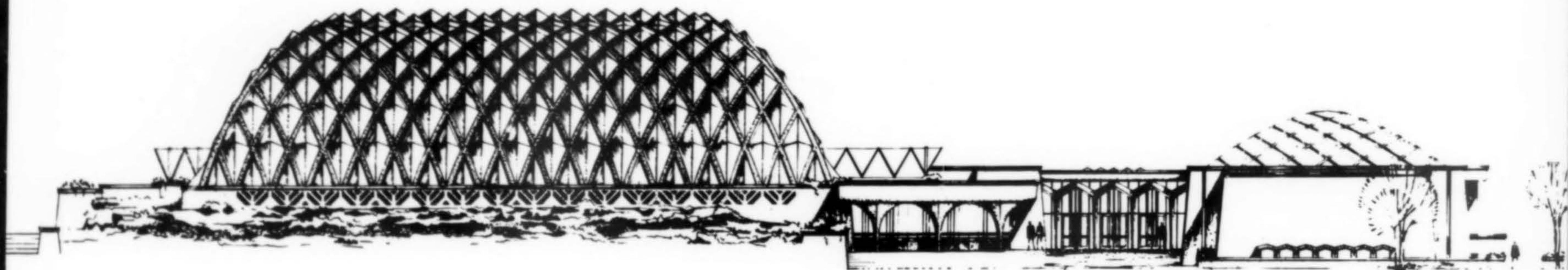


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## SHOWCASE FOR PLANTS: DENVER BOTANIC GARDENS

*conservatory, horticultural hall*

HORNBEIN & WHITE, Architects  
GERALD H. PHIPPS, INC., Contractor

Construction is now in progress on the concrete "lamella" type ribbed vault with a 64-ft. span, 160 feet long and 50 feet high. A framework of bow-string trusses supports form work for the concrete ribs; 10 to 15-yard pours allow considerable re-use of forms. Reglets and inserts are cast integrally in each rib (10x16-in.) for glazing and for condensate gutters.



ESSENTIALLY, A BOTANIC garden is an educational institution having several important functions: (1) exhibition of living plants; (2) collection and exhibition of dried plants, seeds and blossoms; (3) botanical-horticultural library; (4) research; (5) lecture-laboratory classes. All of these functions are joined in the Denver Botanic Gardens, now under construction.

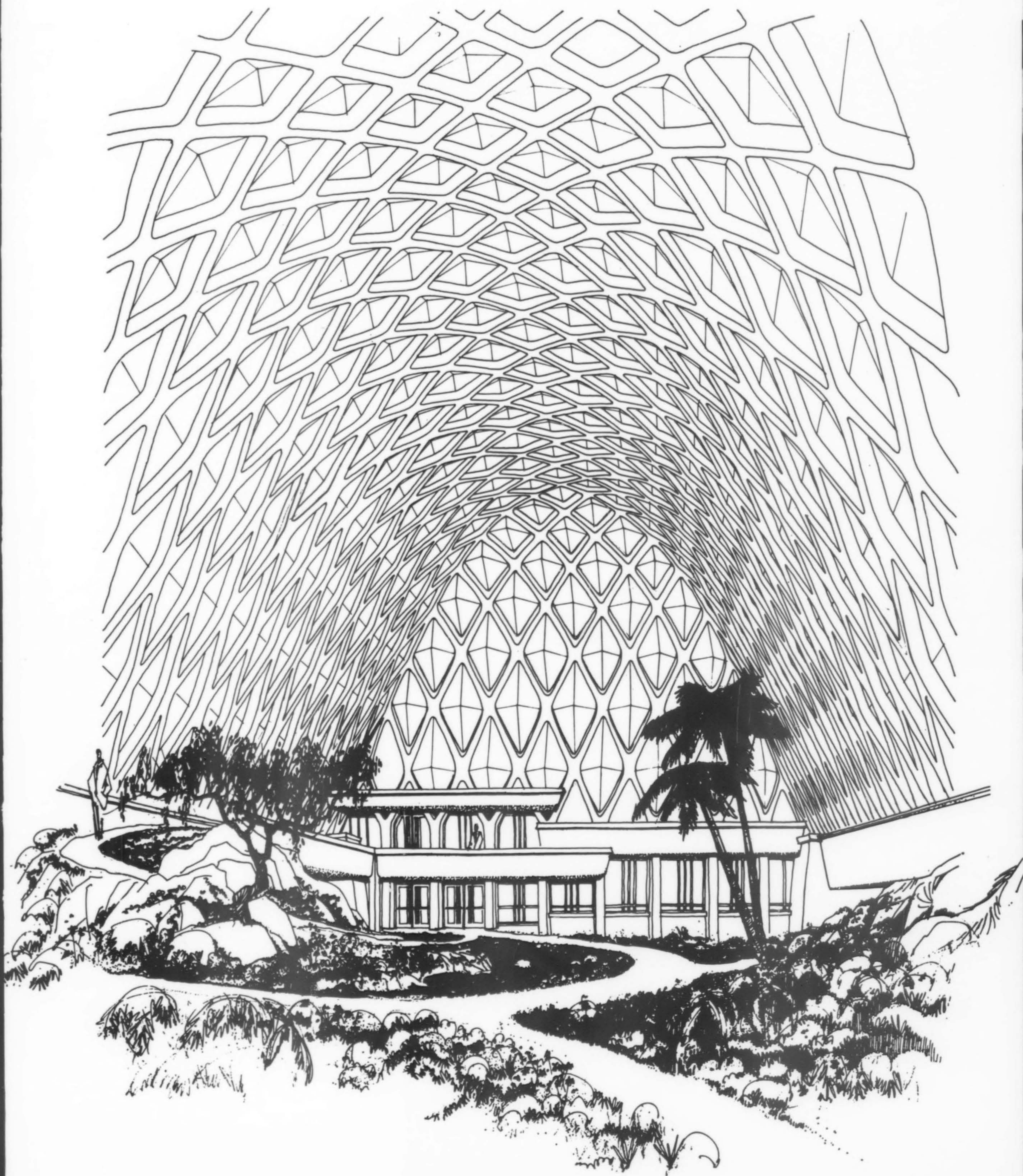
The Denver Botanic Gardens, Inc., is financed by public subscription but receives city and county funds for personnel and maintenance. However, the conservatory and horticultural hall are being built by gifts from several donors. It was the conservatory that presented the greatest number of problems in function, construction and aesthetics. Its requirements: to be maintenance-free; free of condensation drip (a failing of many existing conservatories); two-level entrance and high observation points since gardens take on added dimension when viewed from above.

Concrete was selected as the primary material, not only because of its characteristics but as fitting for a memorial to the late Claude Boettcher, founder of the Ideal Cement Company. Both the structure and the surface textures have been studied to best express the potentialities of concrete.

Glazing will be with Plexiglas, 1/4-in. thick, inserted into neoprene channel gaskets at reglets in the concrete ribs. Two full-scale mockups have been constructed and tested to accommodate the Plexiglas expansion-contraction cycle and still retain a positive seal.

Cooling will be by an evaporative system, with side and ridge air vents operated manually as well as by motor. Interior lighting is designed to give the illusion of trees in a park, illuminated by street lights—"night appearance."

Completion is scheduled for mid-1965 for the \$1.5 million project. ■





Where  
the Architects  
Hang Their Hats

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San Diego



*Visual enlargement of all areas is obtained by extensions of walls and materials to the exterior. Overhead, redwood trimmers, spanning white-painted beams, are utilized for sun control. Placed east and west, the office building utilizes the 10-foot setback for a garden serving offices and drafting room. Small planted mounds help meld the building to its site.*





Julius Shulman photos

ARCHITECTS are most often voluble on the subject of one's everyday environment but not many can practice what they preach. However, Tucker, Sadler & Bennett have carried through their convictions on how to enjoy a good life in Southern California. In their new offices, indoor-outdoor relationships abound: sun, light, vista—at each drafting board!

This building which helps establish the firm's image is set on a sloping lot so as to provide 3000 square feet of space for the architect-engineer firm and 1000 square feet as rental for a professional consultant firm.

Main entrance from the parking area is over a reflecting pool in a court enclosed by extension of the roof beams. A post-and-beam structural system is employed over a concrete slab. Exterior walls are rough-sawn redwood, with full-height doors and glass on north and south. Colors range from redwood, white with charcoal structure, through light olives, yellow ochre, and vermillion accents.



## TWO CLINICS

*Gene Zema/Architect*

AS A BUILDING type, clinics require extremely functional, no-nonsense schemes: a steady flow of patients must be directed to appropriate diagnostic areas with a minimum of disturbance. In addition, most people today have many insurance coverages. The resulting paper work requires increased space for business office operations. Yet medical practice often requires at least as much attention to the patient's psyche as to his physical ills. The directness of a good-working plan must be coupled with a pleasant psychological environment.

This month's two clinics by Gene Zema solve both of these requirements. The Overlake Clinic is made up of two separate buildings placed at right angles to another and laid out in 9x25-ft. bays. The unusual building section is very logical: the flat-roofed center span is skylighted and contains ventilation ductwork over the service core in the medical wing; in the dental building the flat ceiling passes over the corridor.

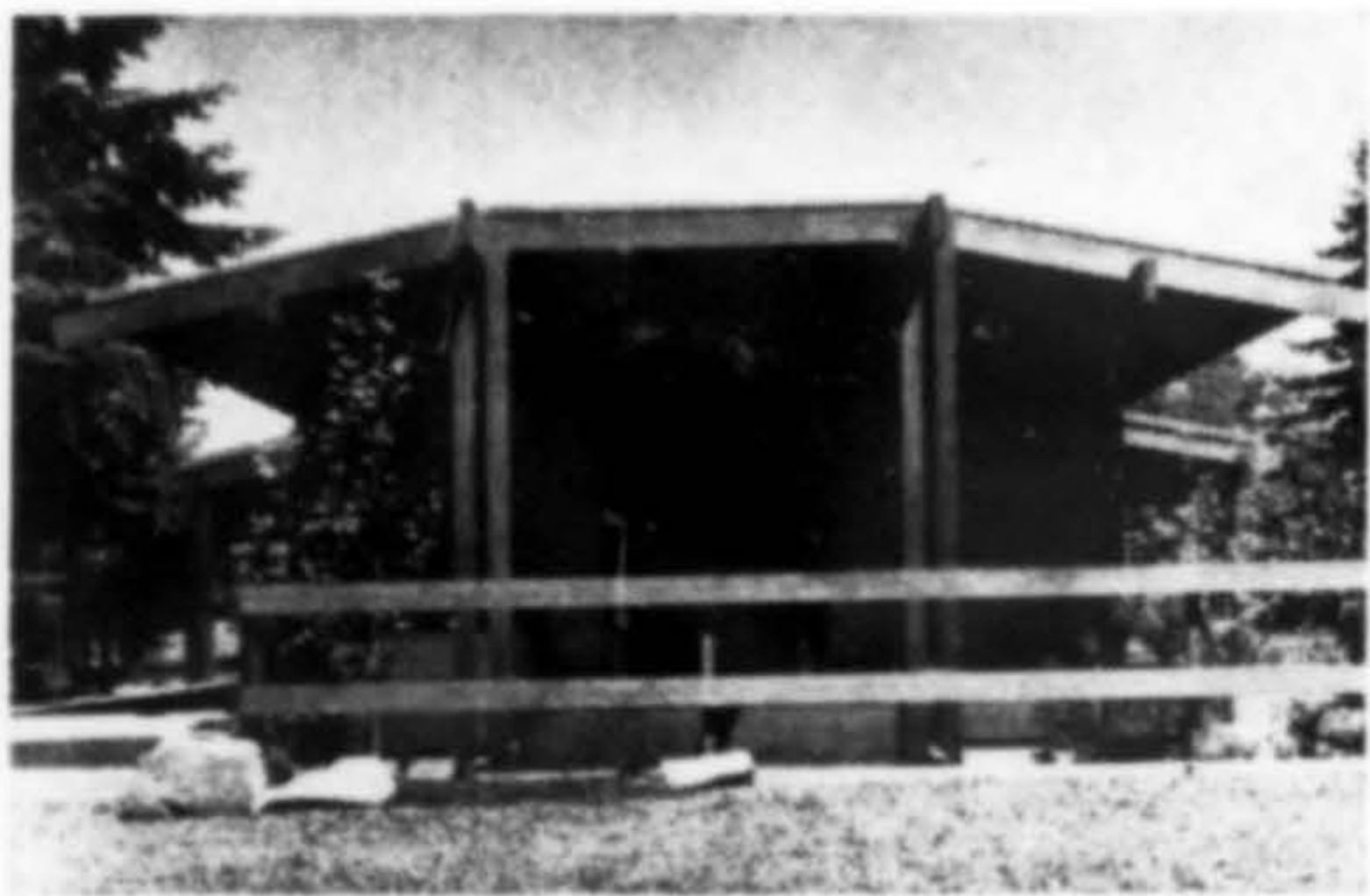
The philosophy of the owner-doctors is expressed in the layout. In lieu of individual offices, the doctors share a common doctors' lounge with comfortable seating and desks. They feel that they can better carry out their group practice with common discussions of medical problems. Another request was for windowless exam rooms, but all public spaces have good vistas to the outside.

Cedar siding and fir trim are treated with Olympic stains in the brown-green range. Olive green Coir matting and tessara vinyl are used for floor coverings.

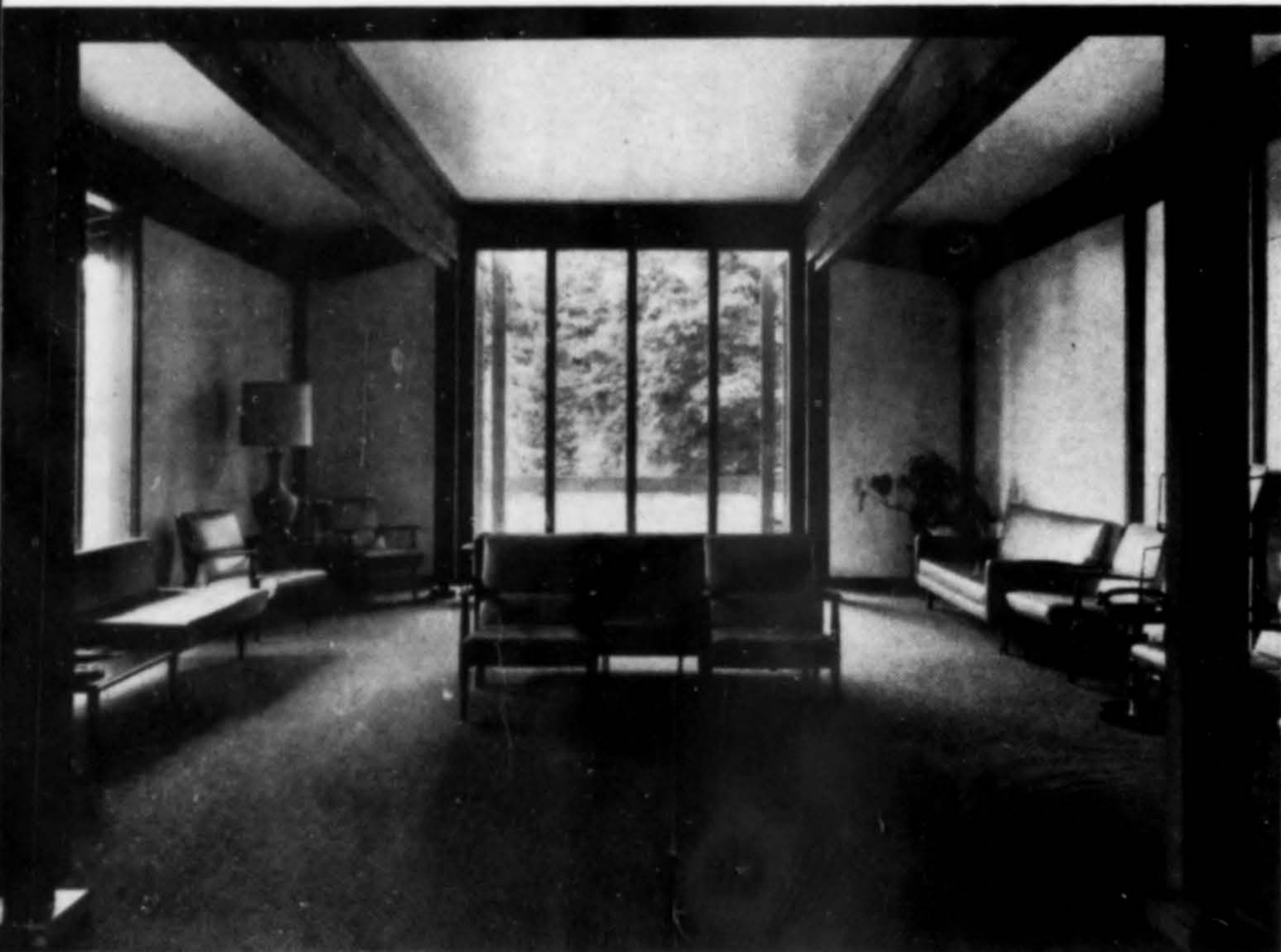
The two units with 4000 square feet for four physicians and 1600 square feet for two dentists, cost \$110,000. ■

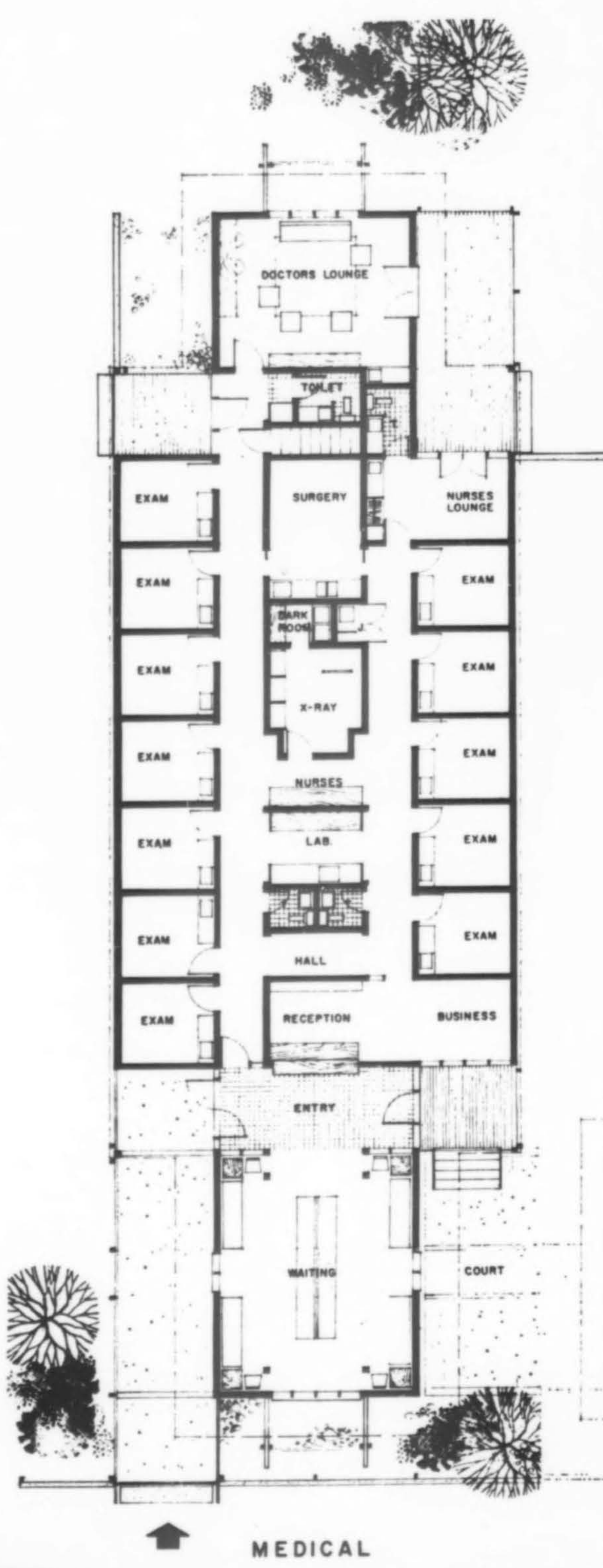
**OVERLAKE CLINIC**  
Bellevue, Washington

**D. DUANE BIEGENZAHN**  
Contractor

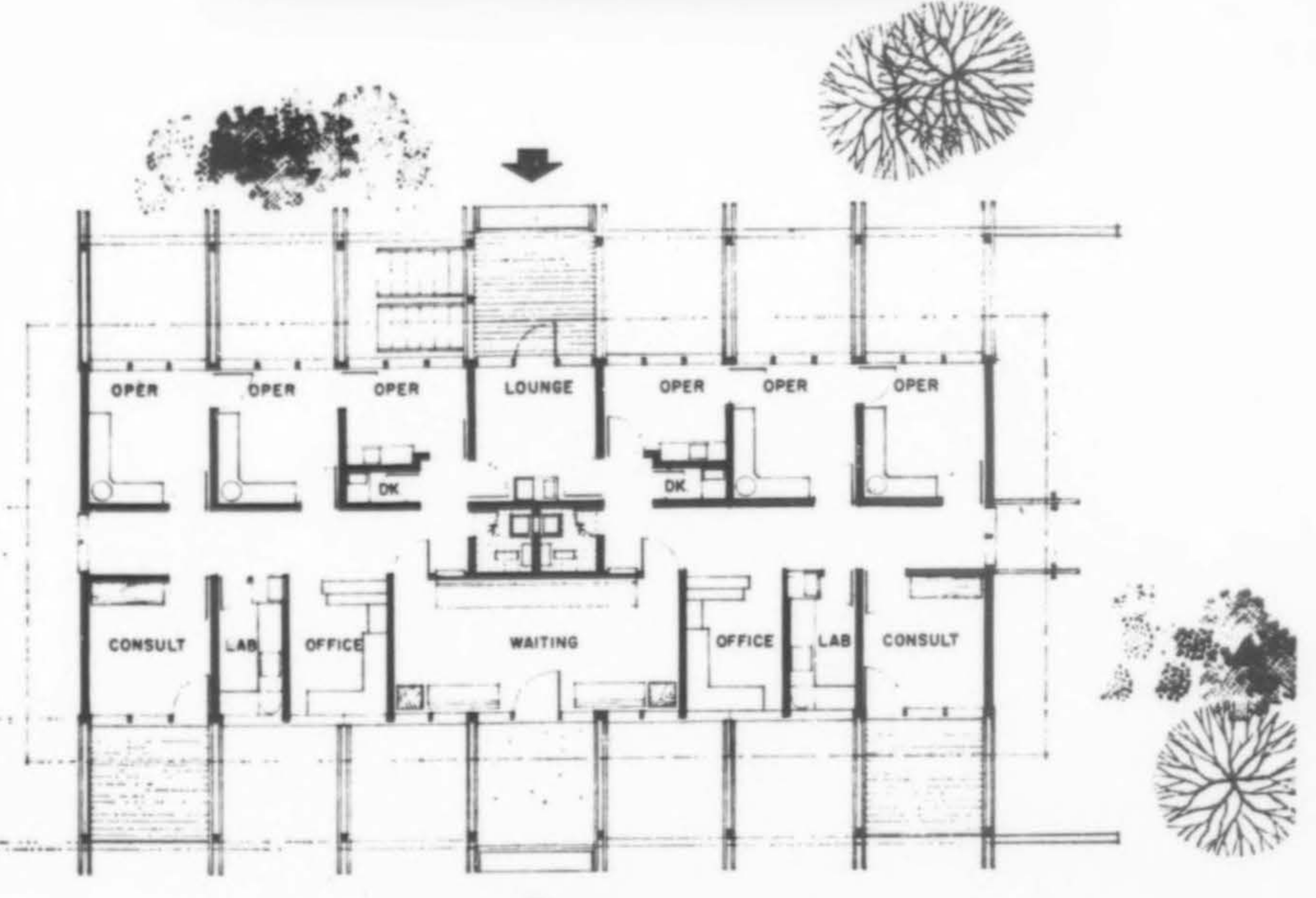


Ray O. Welch photos

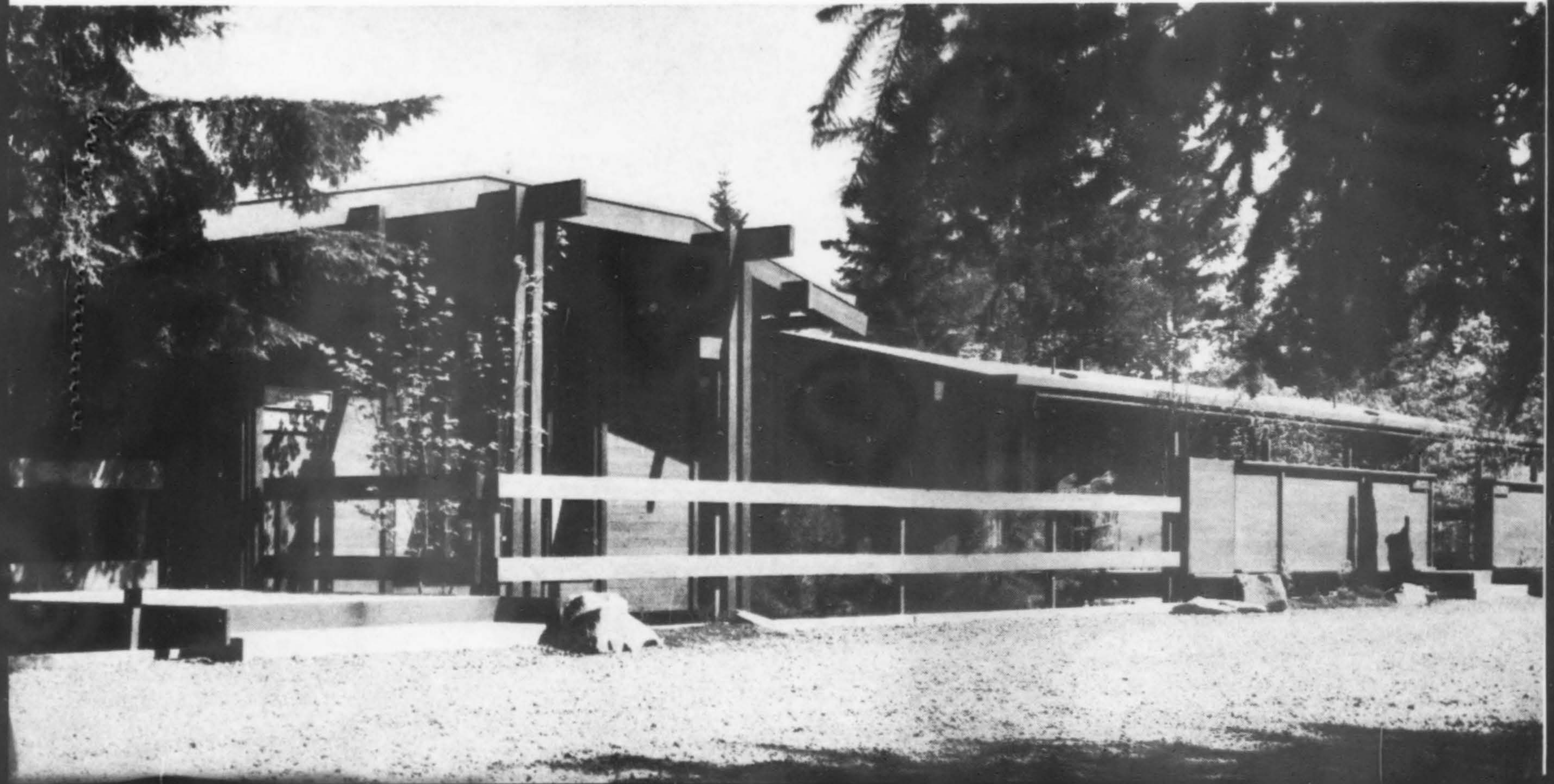




MEDICAL



DENTAL





## Two Clinics: Gene Zema

*Both clinics exhibit interiors of off-white plasterboard panelized by fir trim in a very disciplined manner. Columns, placed at modular points, create small alcove bays, here used for plantings. Magee carpet is in warm beige-brown tones.*

A SLOPING site in a residential neighborhood makes for a difficult problem in designing a clinic. In the Stamey Clinic, architect Gene Zema's double-decked plan provides a ramped connection to the main stair tower (and direct connection to the upper floor). The building provides for the dentist-owner and two physicians on the ground level; there are three physicians on the upper floor.

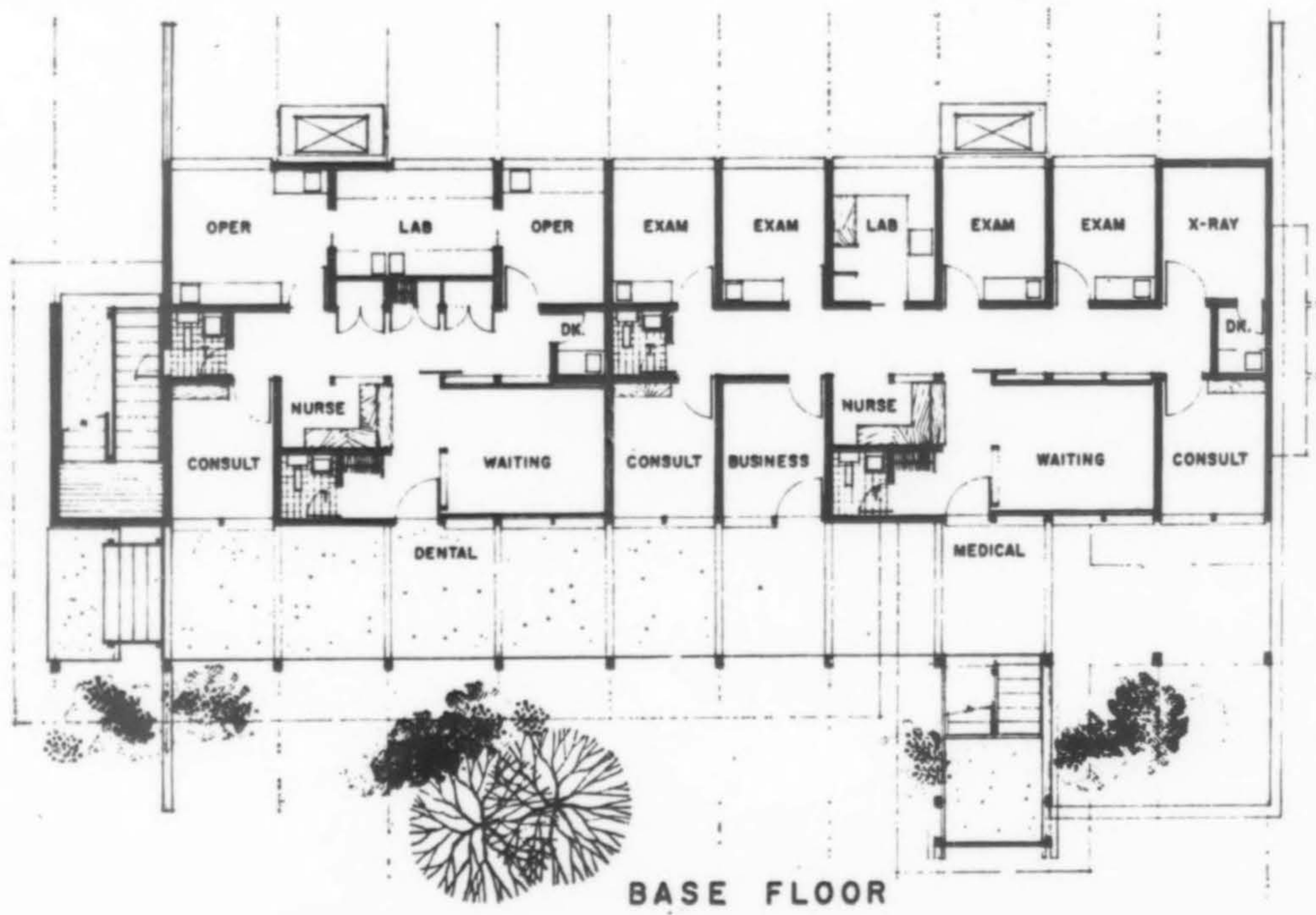
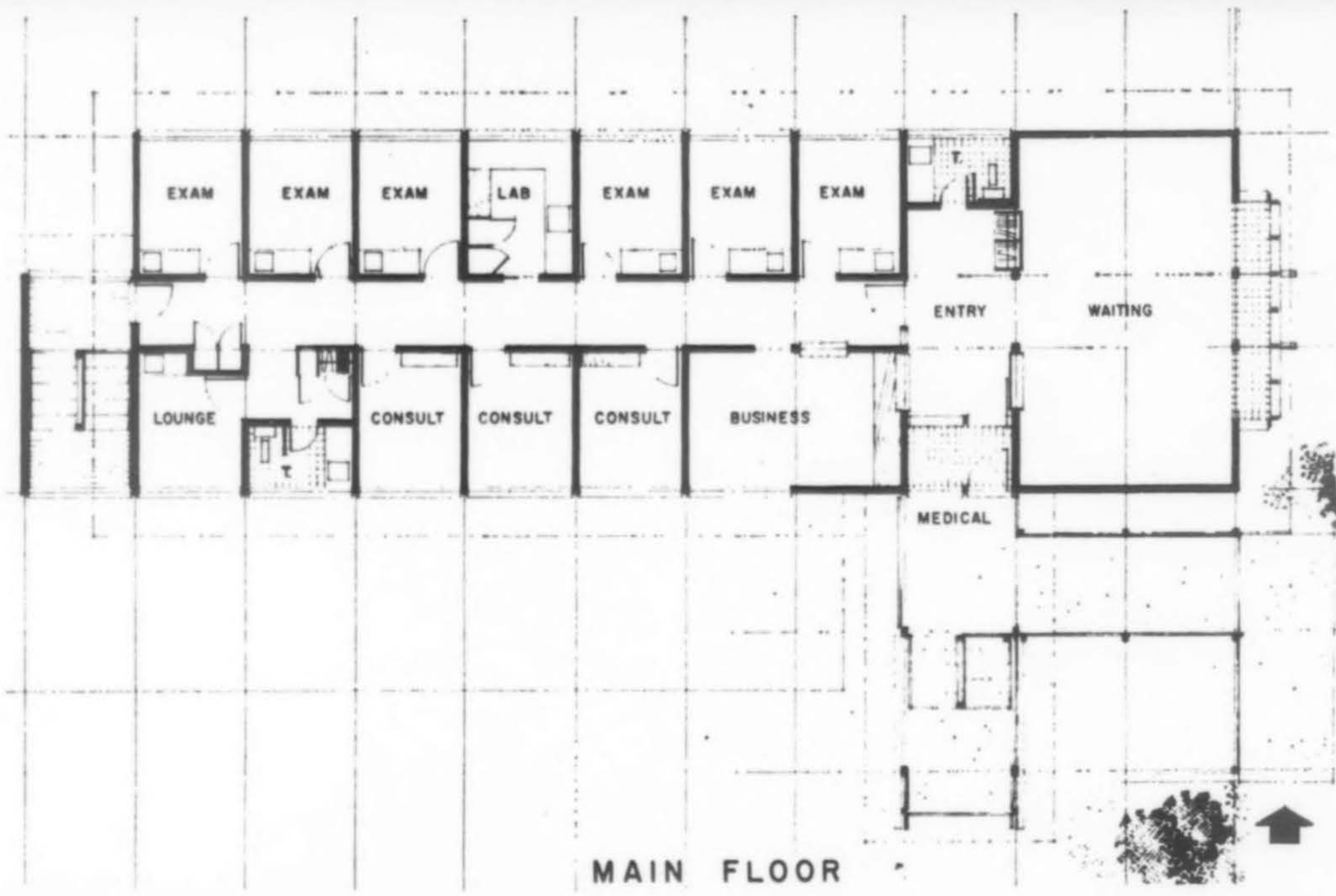
The skills employed by this architect in his residential practice are here employed to good advantage. The apparently complex massing in the romantic idiom actually masks a very direct modular layout. Under the high cedar-shingled roof is the equipment room where the heat pumps (air-to-air) have been placed out of sight and sound. Flush 1x4 cedar siding is treated with Olympic stains in the brown-green range. Outdoor ramps, decks, and porches are paved with exposed aggregate concrete.

Richard Haag & Associates were the landscape architects and conceived the fanciful rock screen at the roadway connecting the upper and lower parking areas. Future expansion is planned to the rear. In 1963, the 2000 square foot per floor cost \$70,000. ■

**STAMEY  
CLINIC**  
Lynnwood,  
Washington

**RASMUSSEN  
CONSTRUCTION CO.**  
Contractor





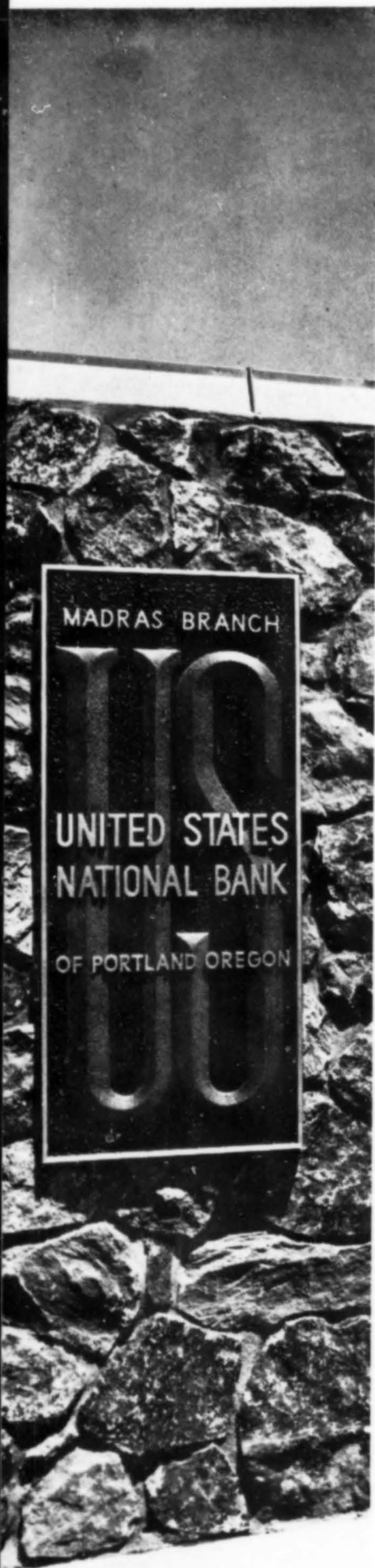
# CENTRAL OREGON BANK:

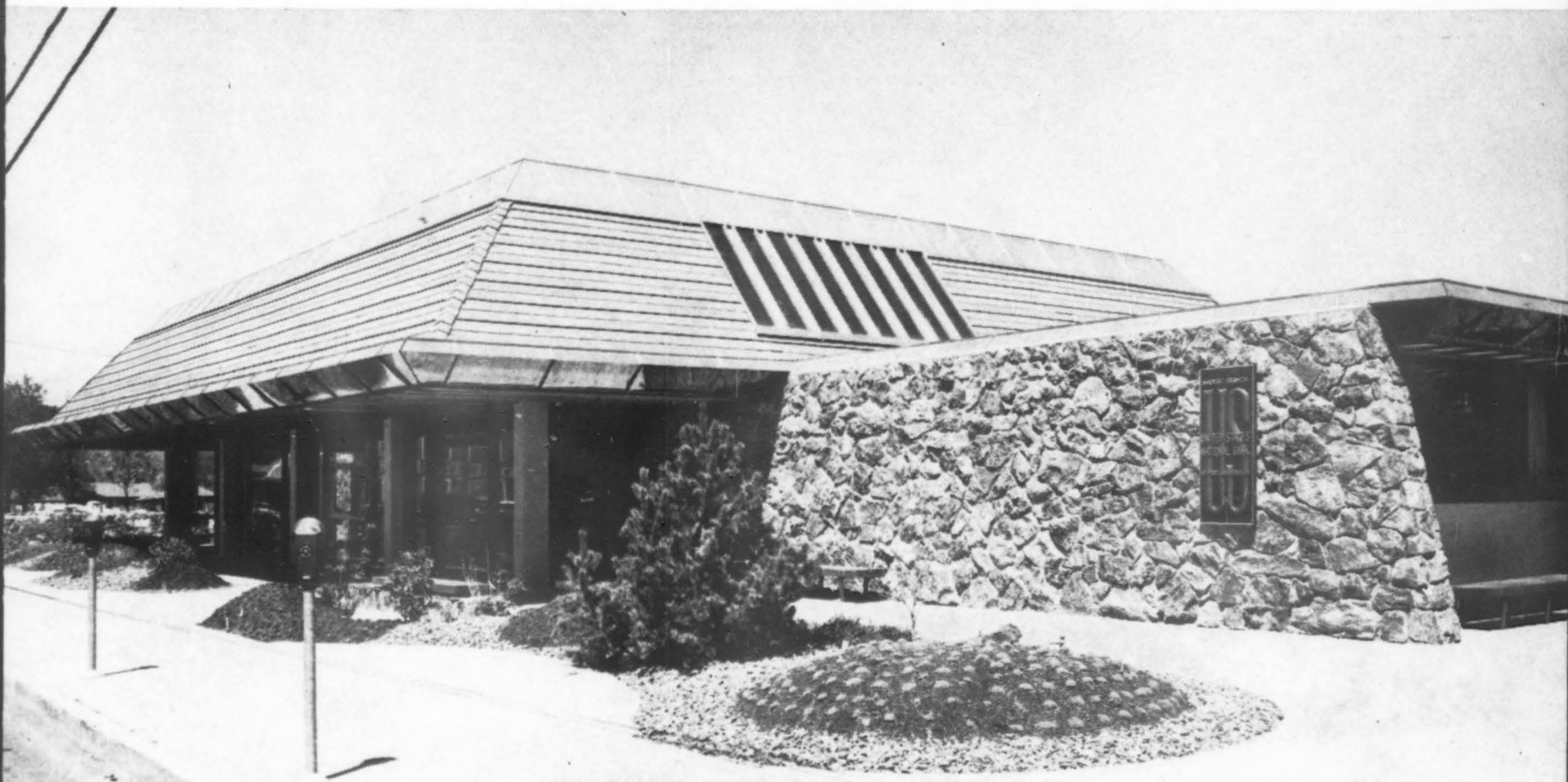
*oasis in the desert*

MADRAS BRANCH  
U. S. NATIONAL BANK OF OREGON

WILMSEN, ENDICOTT & UNTHANK  
Architects

LOUIS KOWOLOWSKI  
Contractor





CLIMATOLOGIC FACTORS are the constituent fact of Madras, Oregon: severely rugged arid surroundings, extremes of winter and summer temperatures, approximately 300 days per year of sunshine, wind, sand and dust. For all this climatic variety, Madras, the center of an agricultural trading and market area and of a growing major recreation area, was long overdue in expansion of its banking facilities.

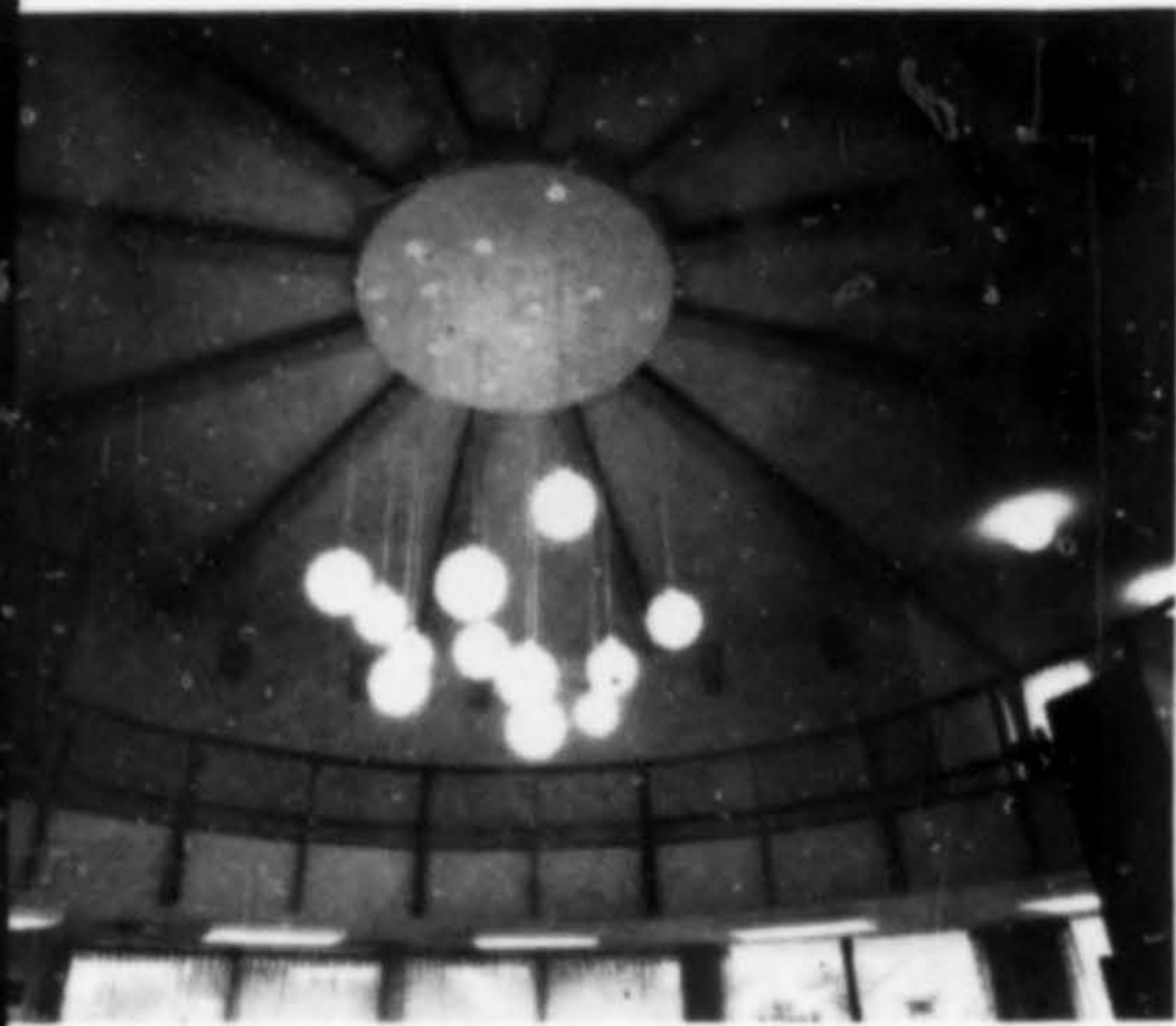
Dominant feature of the new \$200,000 building is the protective roof form. Chestnut-stained cedar shingles (with alternate double courses) are banded by deep copper roof edges. On the interior, there is a lofty sense of volume with the deep top-lighted coffer created by the transverse wood trusses. Probably the strongest indigenous note is the local stone (Kah-nee-ta) obtained from an adjacent Indian reservation. It is laid with all weathered faces in a rich deep reddish-brown range. The oasis character is enhanced by the native plant material: moss, pine, manzanita, fescue.

Seven tellers (plus drive-in teller) operate within 5300 sq. ft. of main banking floor space. Cedar ceiling paneling, walnut, white plastic laminate, and some orange carpeting set the interior theme. The wood roof structure is supported by concrete columns and floor slab (over basement storage-mechanical area). ■

Photo-Art Commercial Studios



Side skylight, complete with flourishing plants, enlivens employees' lounge and lunch room, part of 1200 sq. ft. of second floor area.



HARRIS, REED & WILSON  
Architects

RUSHFORTH  
CONSTRUCTION CO.  
Contractor

TO DESIGN AN "EYE-CATCHING" building, yet one that was residential in scale and feeling (and obviously, in good taste)—this was the problem confronting the architects for a new branch savings bank in an established neighborhood shopping district in Tacoma. A round two-story building was conceived: business offices and mechanical equipment plus a community meeting room in 2000 sq. ft. on the upper floor; three tellers, manager's office and conference room, with the lobby, in 1500 sq. ft. at ground level.

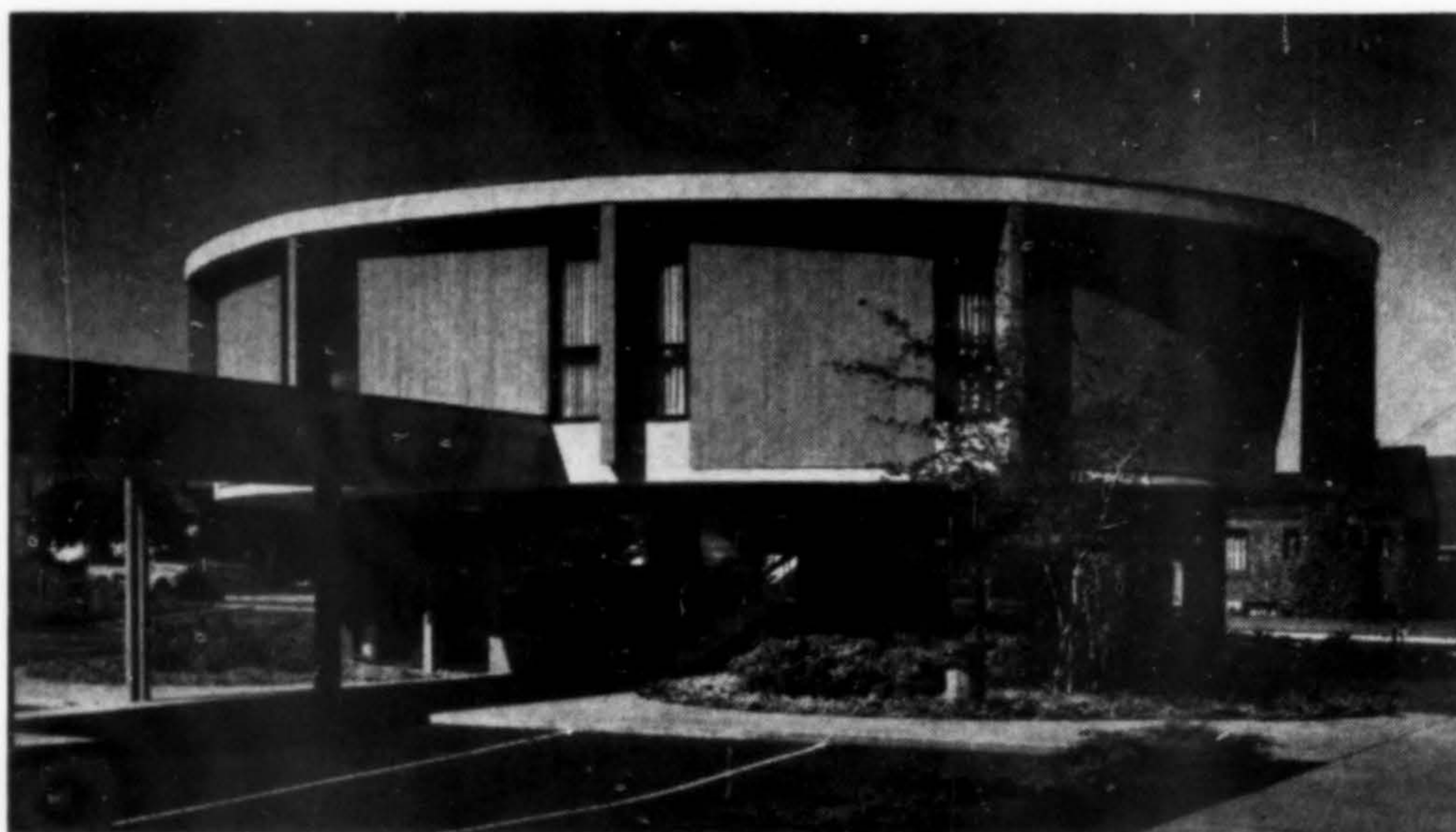
Structurally, the building is supported by a rigid framework of prefabricated steel columns and roof beams, left exposed. Steelwork is designed in 12 bays radiating from the center and spanning to the outer wall of the upper floor. Lower floor columns (at the glass wall perimeter) have cross beams forming a double cantilever—outward to receive the roof load, inward to form the balcony encircling the two-story interior. Horace J. Whiteacre & Associates were the structural consultants.

The architects directed all ancillary design services. Interior off-white plaster and walnut are used with warm neutral Knoll furnishings (Robert Pedigo, interior designer). Chaffee-Zumwalt & Associates were landscape architects. The simple but appropriate sign was designed and fabricated by Larry Larson (one of the Northwest's outstanding sign artists) and Harold Balazs, sun dial sculptor, is no stranger to A/W readers.

Exterior materials are vertical cedar siding and cement plaster trim (roof fascia, soffits). ■

## BANKING IN THE ROUND : TACOMA

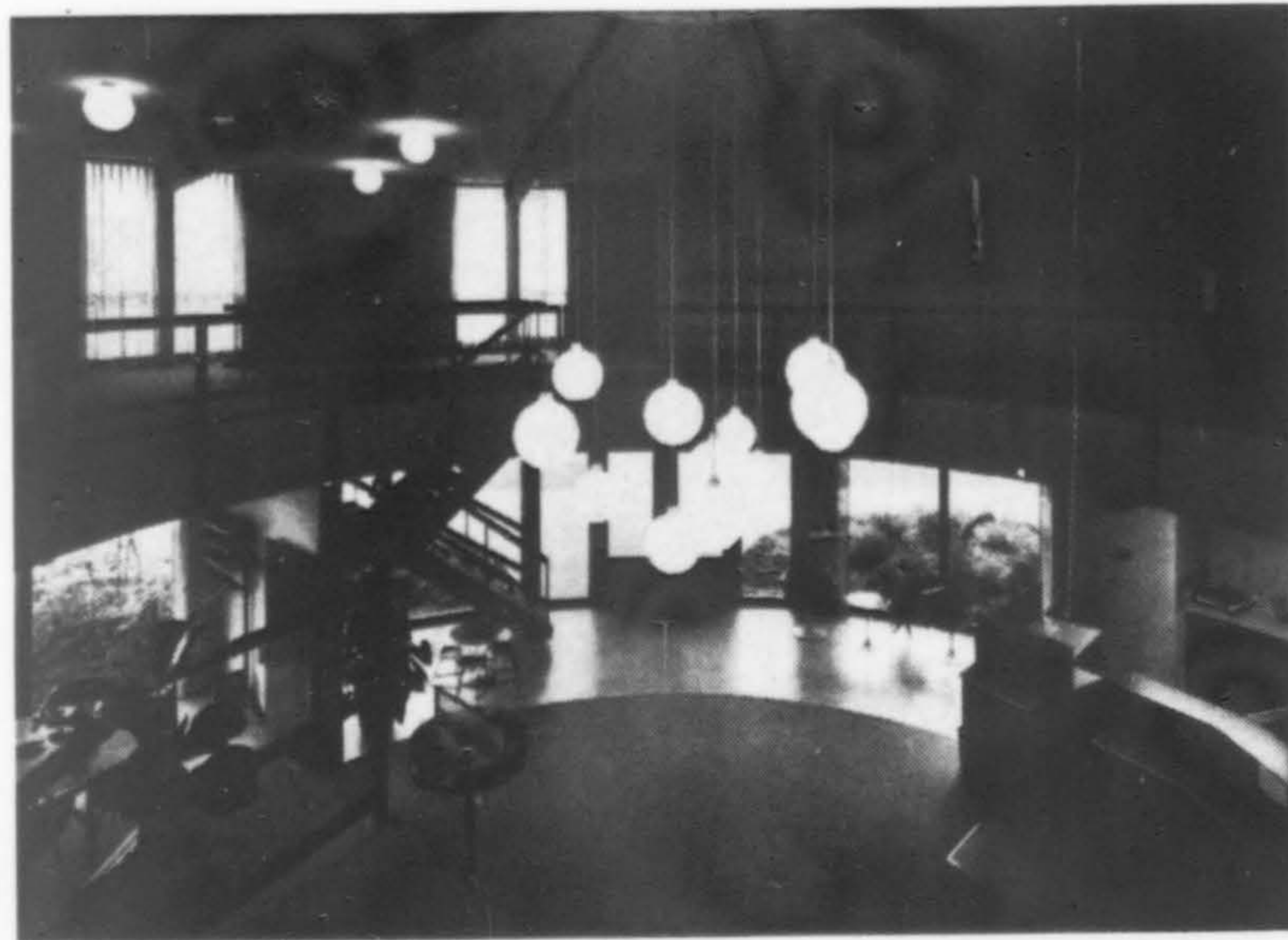
*Proctor Branch / United Mutual Savings Bank*







Hugh N. Stratford photos



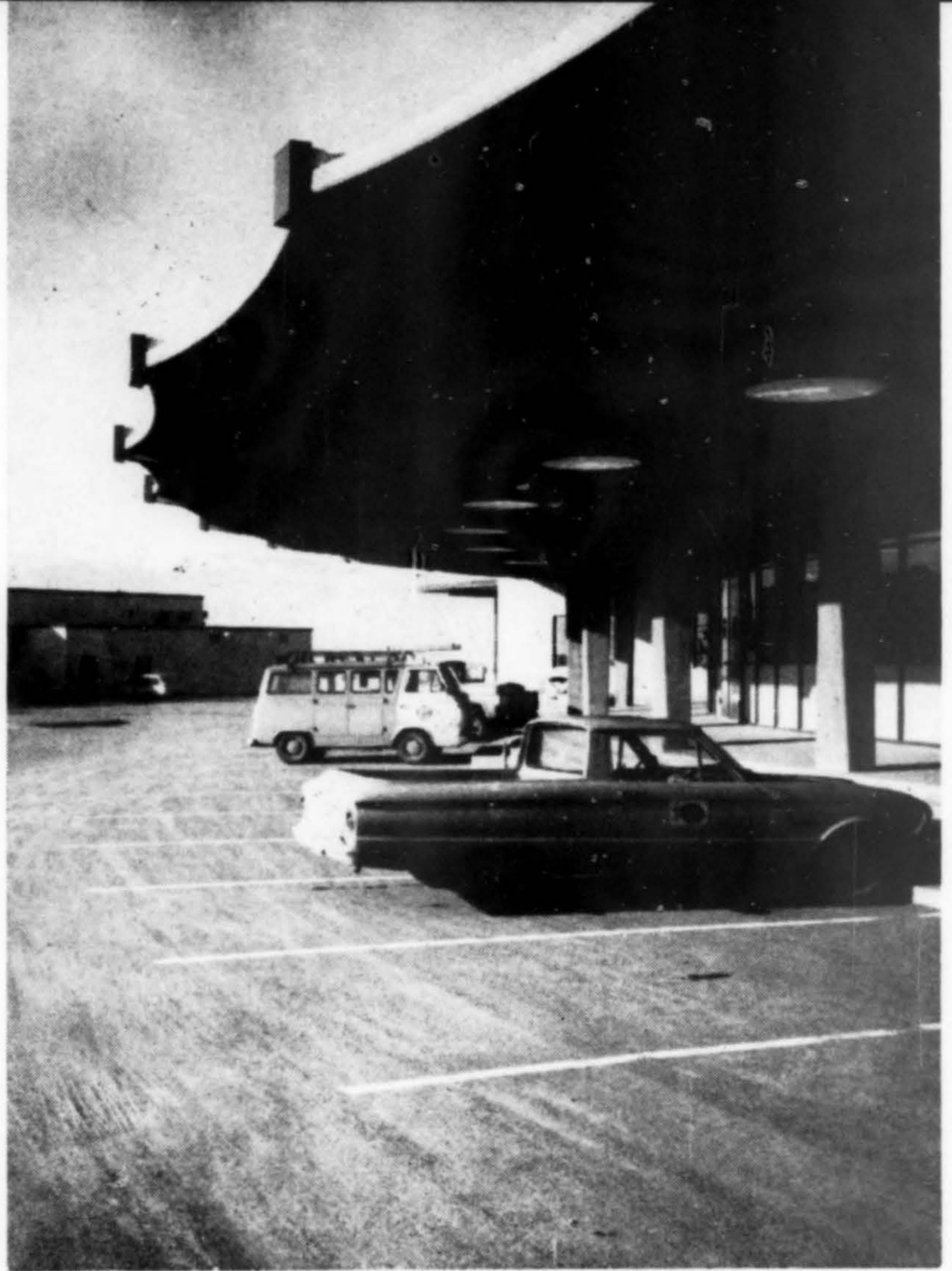
# A "Shop" Need Not Be "Just a Shop"

OPERATIONS CENTER  
Sierra Pacific Power Co., Reno, Nevada

Ferris, Erskine and Calef, architects

H. V. Lamberti, structural engineer

McKenzie Construction Co., general contractor

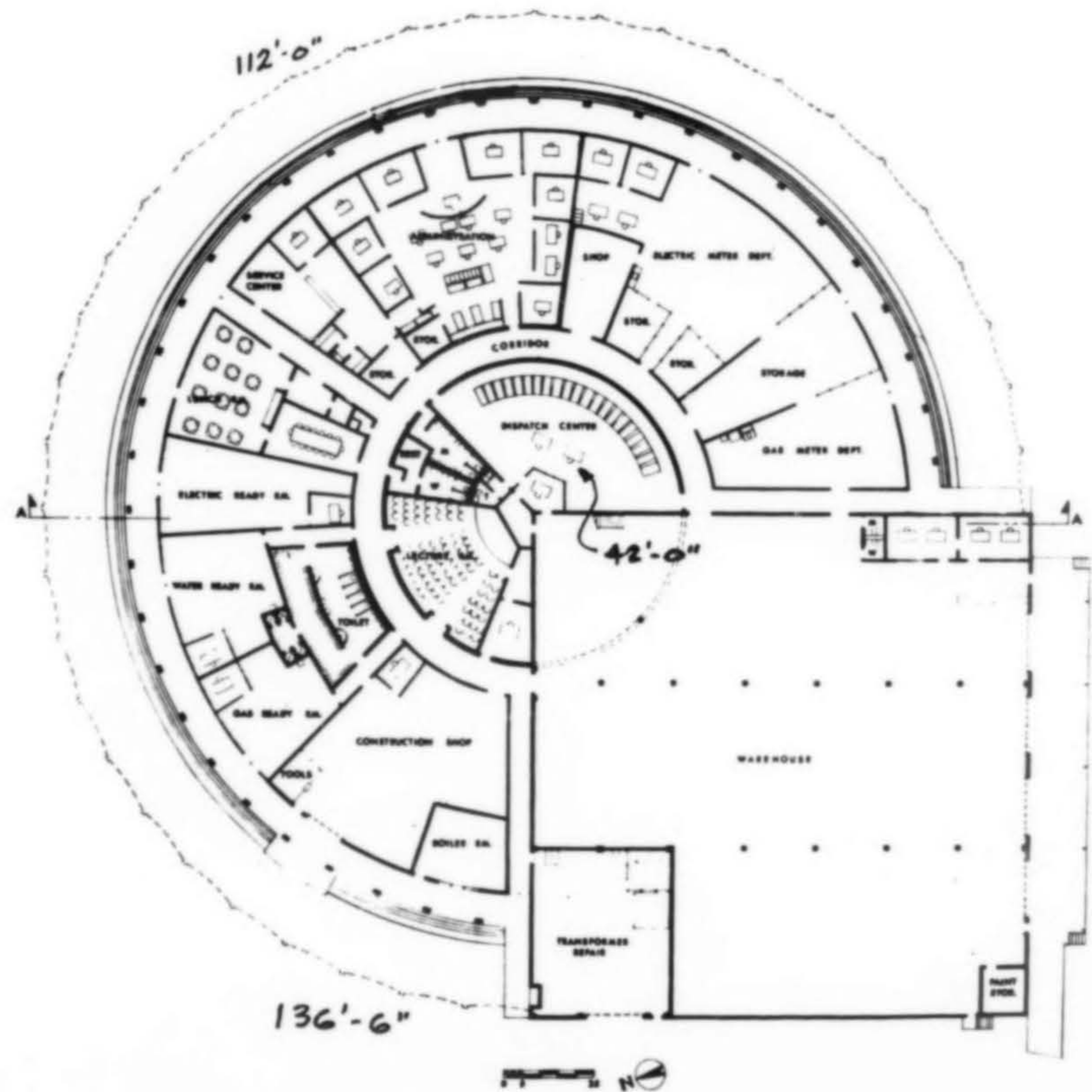


GERTRUDE STEIN might have said that "a shop is a shop is a shop" but she wouldn't have been moved to such scornful license if she had seen the operations center for Sierra Pacific Power in Reno, particularly if she had seen it first from the air.

Of course she didn't see it and she didn't say it. It's just that shops and garages and warehouses and loading docks seldom are given more than a coat of paint as an esthetic treatment, while this one has grace and form and configuration all the way down and out from the circular clerestory to the curving planters in the furthest corners of the parking area. And the glory of it all is that the grace grew from the adoption to function and from the engineering principles necessary to achieve the form.

The floor plan—three quarters of a circle merged with a square—was adopted to the work flow of the operation. Administrative and operational functions are wrapped around the warehouse, creating an efficient source of supply that could not have been achieved in a conventional building.

The roof is a series of 35 concrete T-beams radiating from the center of the circle. Supported by the beams are 3-in. to 6-in. concrete roof slabs that undulate with the compression line of the post-tensioned beams. Beams are supported by a structural concrete block corridor wall and by columns around the exterior. They are 65 ft. clear span and cantilever 25 ft. beyond the columns, to provide shelter for vehicles.





*Many rooms, such as this dispatch center, are pie-shaped. Clear span allows installation of partitions to meet functional requirement.*



T. J. Kaminski Photos

*Each parking bay has double domed skylight with fluorescent tubes to enhance day and night operations in loading and maintenance work.*



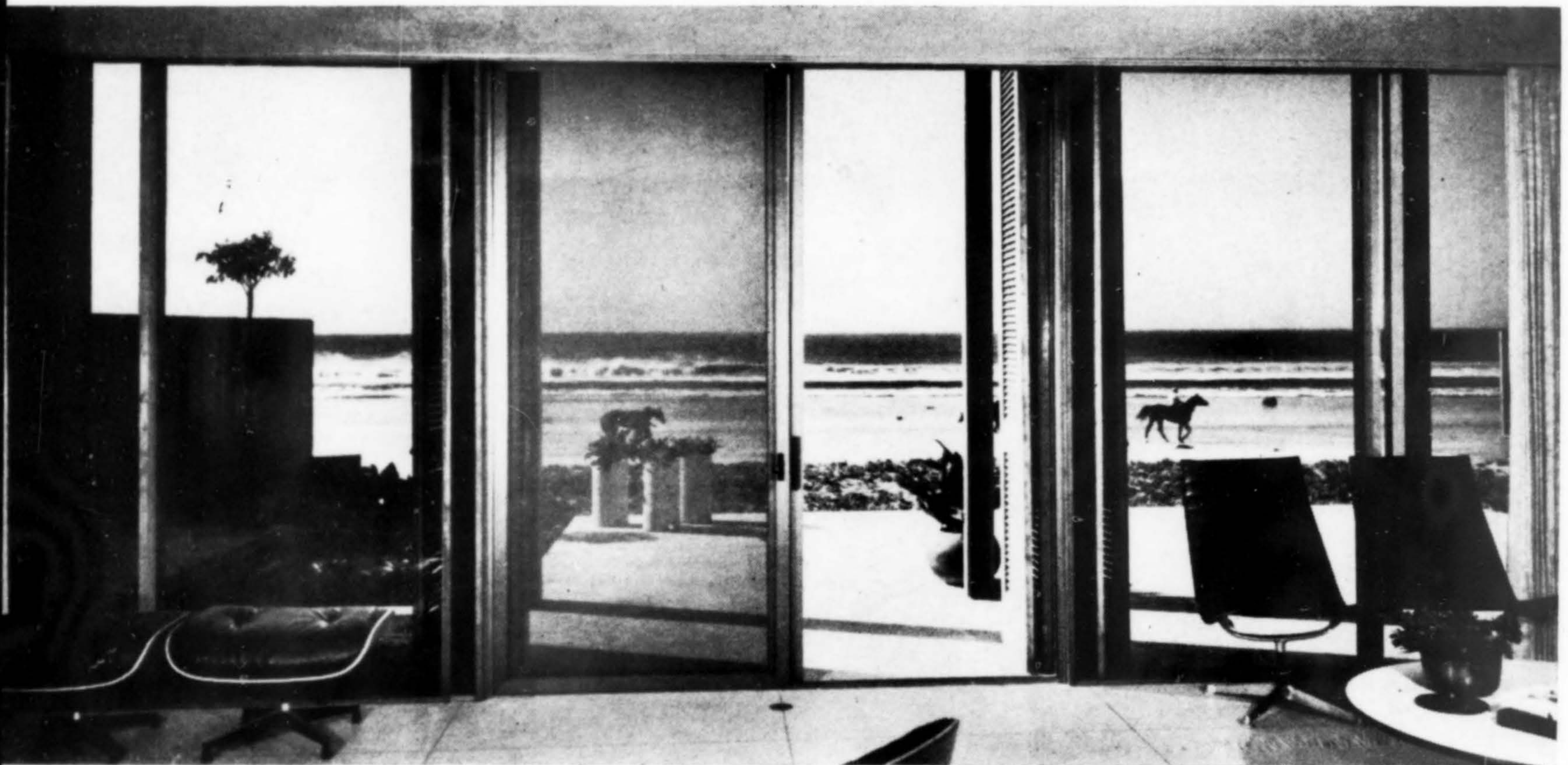


## Sophisticated Beach Pavilion

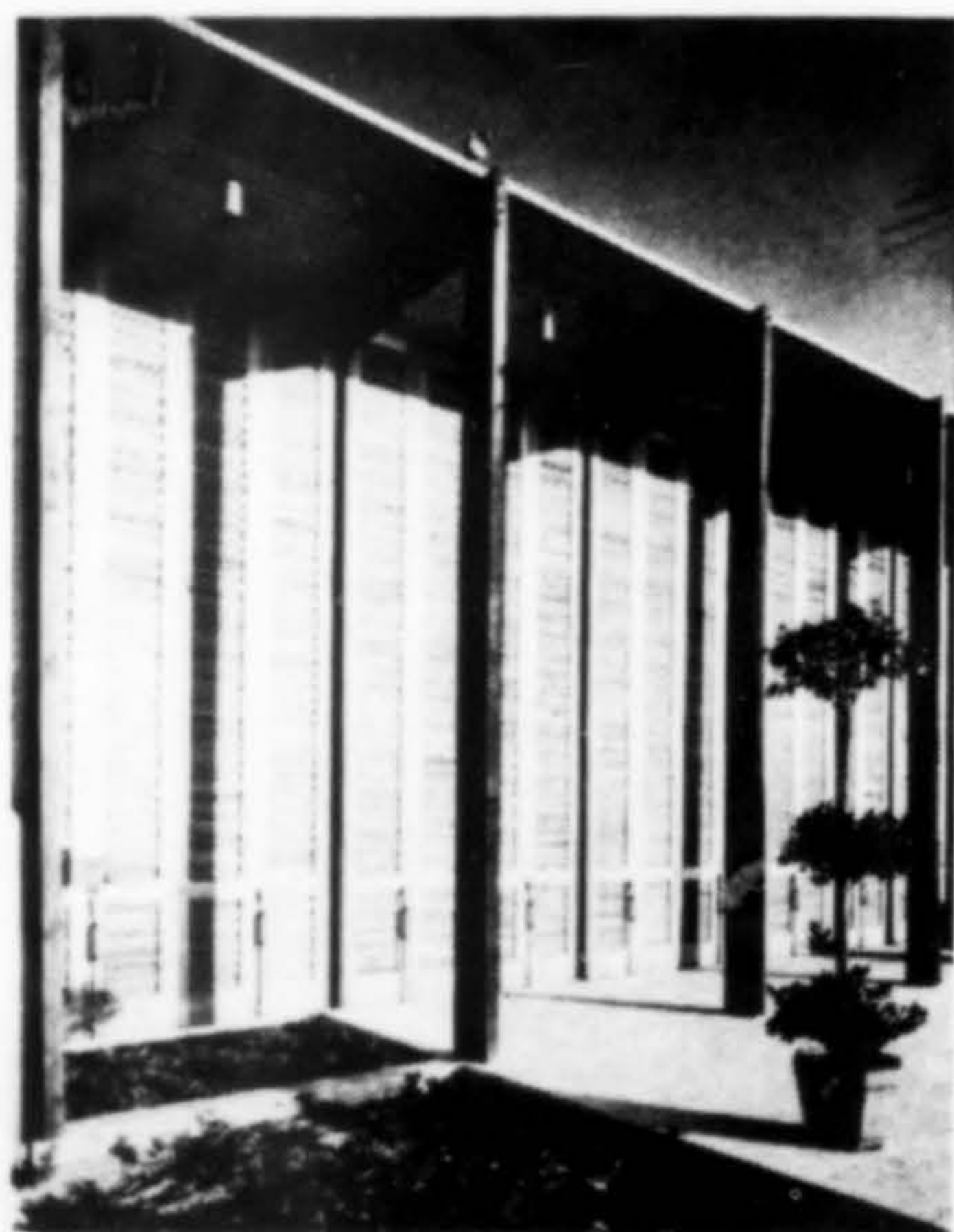
DR. MAX L. BUSCH RESIDENCE  
Del Mar, California

Hester-Jones & Associates  
Architects

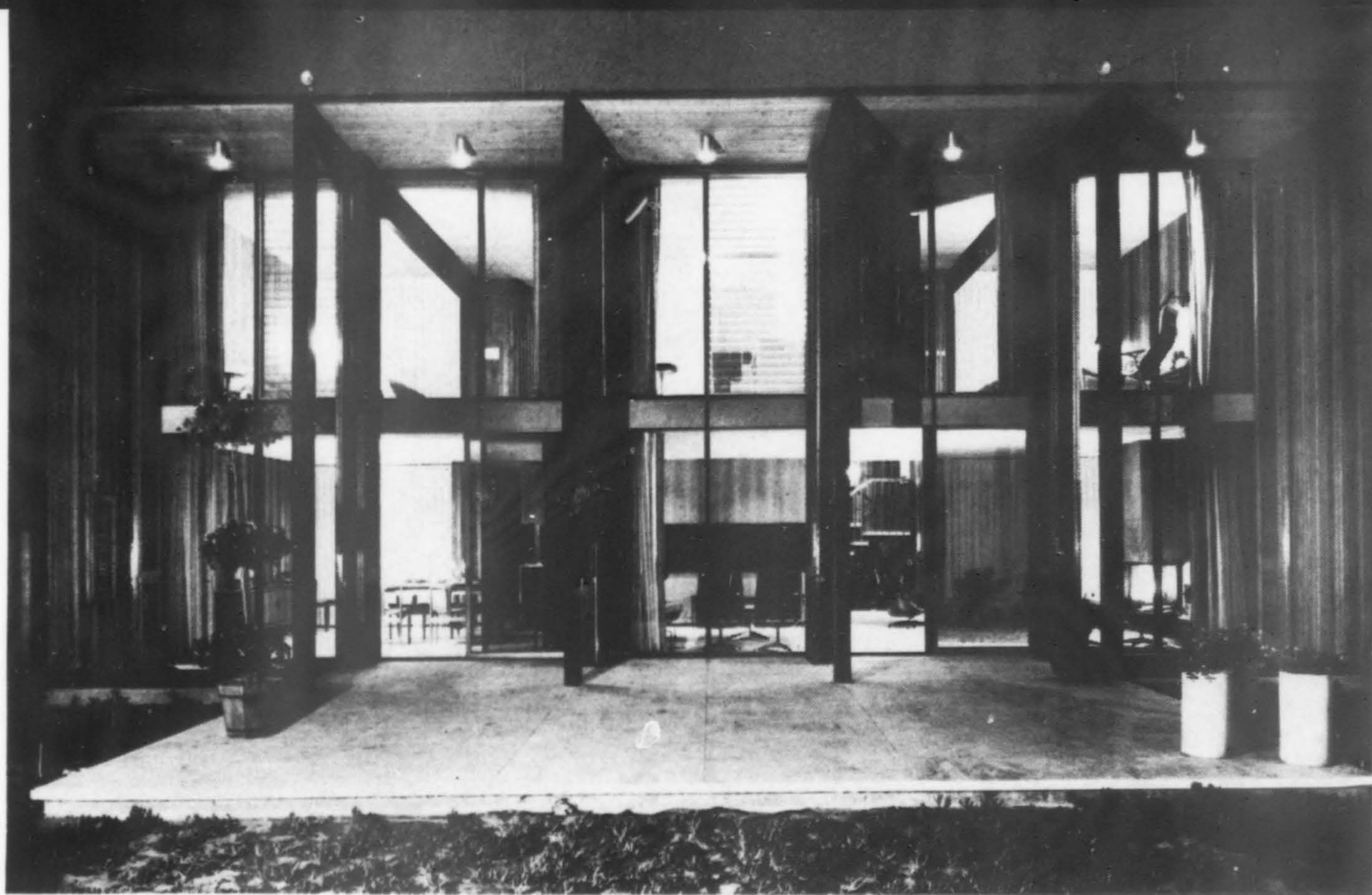
Mueller-Tuckett Company  
Contractor



Douglas M. Simmonds photos



*These decorative and practical redwood lower doors are two-stories high, fold neatly back and can be secured from wind by heavy hardware which bolts into the terrazzo flooring. The shutters serve two purposes: to control low sun angles, and as a protection feature for wind and weather and for security when the house is not in use.*



THE DRAMATIC IMPACT of vertical space and the simple elegance of its architecture distinguish this sophisticated beach pavilion built on a 50x70-ft. lot on the beach at Del Mar.

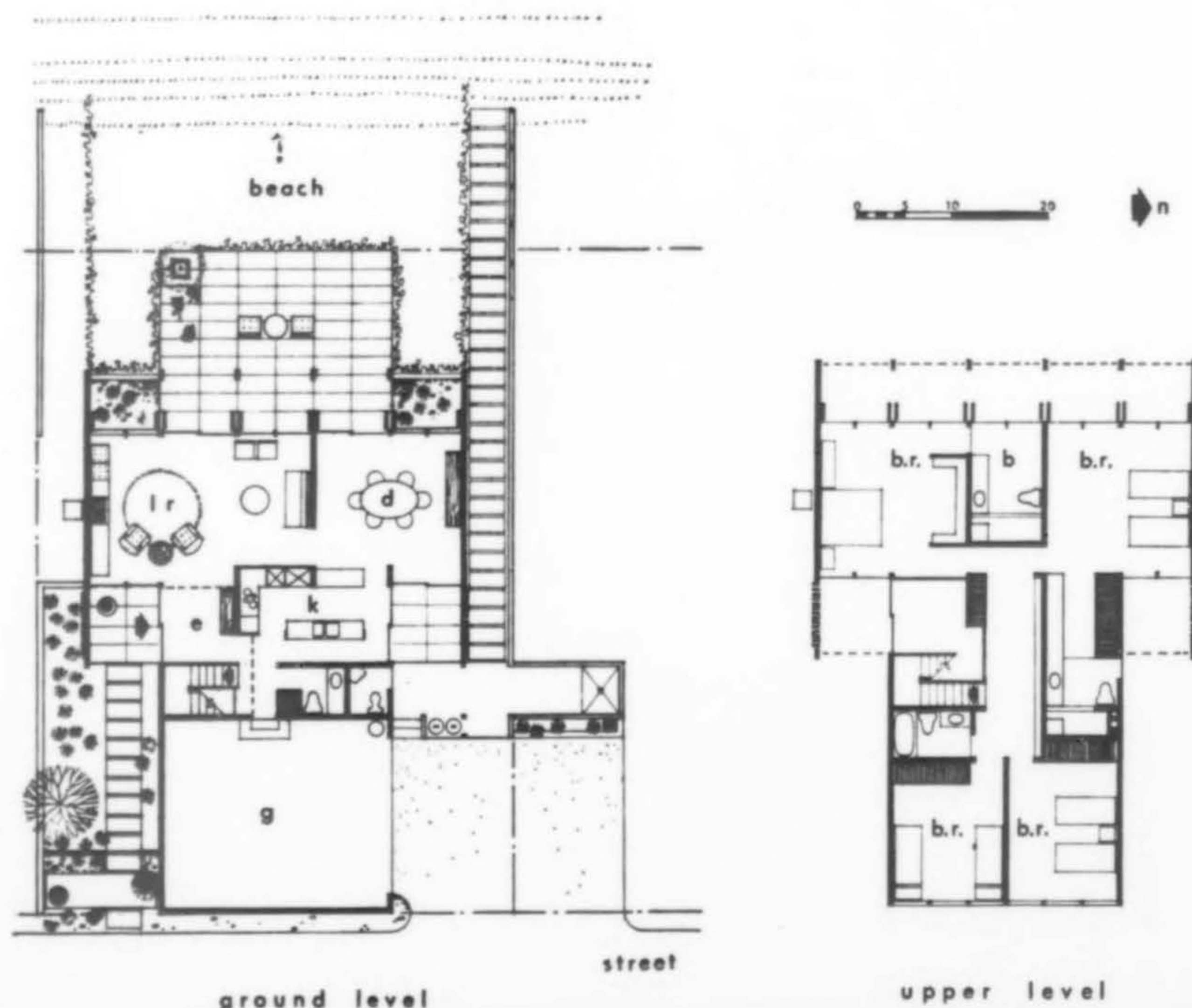
The house, designed for adult living and entertaining, has a serene dignity for its natural site of sea and sand. While visually an exciting building, the keynote of its design is simplicity, the exterior comprising simple redwood masses with deep overhangs over openings. Since the only view is towards the ocean, the entire two-story beach facade is glazed.

The floor plan is arranged for enjoyment of views and beach activity from almost all rooms. The ground floor is designed with an informal open plan, without doors (except for garage and powder room). White terrazzo is used for the flooring material both inside and out to reinforce the flowing space and to provide for easy maintenance against the sand problem. Interior and

exterior walls are California redwood.

The living room is spacious. A steel hooded fireplace is set in the redwood wall, has a long cantilevered raised hearth of white terrazzo, providing extra fireside seating. A striking steel and terrazzo stairway leads to bedrooms and bathrooms on the upper level. A small sunken garden, planted beneath the stairway, is a decorative and softening feature. The front entry is unusually dramatic having a massive 16-ft. sliding door of sandblasted plexiglas panels in stainless steel frame which opens to expose the two-story high entrance hall. Gay impressionist painting by Ilse Ruocco accents the entry.

Bedrooms have ceiling height wall of glass to give an uninterrupted view across the beach to the ocean. The use of natural woods is continued on the upper level, the ceiling of planked Douglas fir and California redwood for wall paneling and for folding louver doors to storage areas. ■





## “Old World” Charm Transforms Office

SEVERE SPACE limitations in a decaying old building presented the architects with a real problem in designing new office space for Anderson Travel. The only available site in a desired location was a 15x36-ft. building, rundown and unattractive. The exterior, however, along with other tenant spaces had been rehabilitated, offering the charm the client sought.

The requirements of the travel agency included work spaces with enough room for consultation and with direct access to files and storage; ticket sales and reception areas; racks for travel literature; a conference area with pull-down maps; work areas for the firm's own business—all to be at street level, convenient to the public. The agency also requested an “Old World” feeling without any cliches of a particular style.

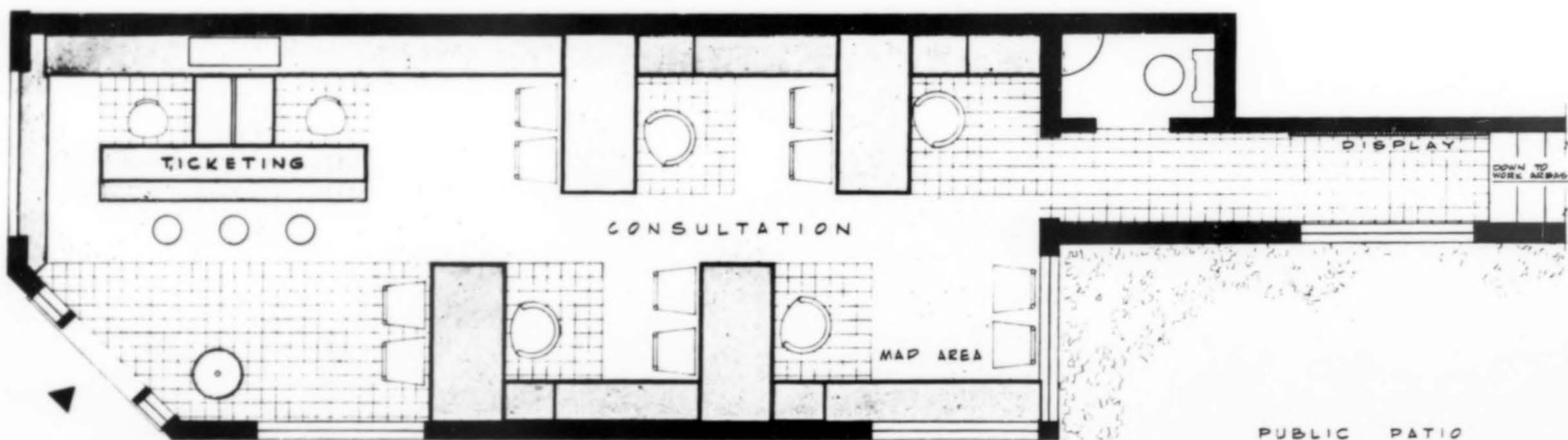
To conserve space and provide unity, all furniture and cabinets were custom designed. Files were placed along two long walls to form low counters, and desks were superimposed on the wall counters and staggered to give a maximum flow of space and

to form alcoves for consultation and map areas. Counters and desks were covered in Formica Chutney with walnut Watco finish. Pull-down maps were mounted in a valance over the rear window.

A structural difficulty in the ceiling caused an unsightly box-like drop at the front of the building. This was concealed with gypsum board and walnut-stained Douglas fir stripping, extending the cover to one-third of the room, and hiding the air conditioning system in the attic-like space.

The “Old World” look was further achieved by matching the walnut desks with authentic 200-year-old English visitors chairs; window shutters and a combination of a sandy brown wool carpeting in aisles and customer areas and a fawn grey quarry tile under the desks and chairs. A revolving kiosk holds travel brochures and is the only place where travel posters are used in the decor.

The resultant offices are an elegant transformation without unsightly clutter, achieved at an approximate overall cost of \$15,000.



*Design/West . . .*



*"Old World" look, required by clients, was achieved with color and custom designed cabinets. Walls are off white burlap, floors gray tile and sandy brown wool carpet. The front door, shutters and windows are stained a very dark brownish-green and all furniture and cabinets are in walnut. Light fixtures are Lightolier's Corona, also in walnut. Ceilings are a combination of natural acoustic plaster and walnut stained fir. Personnel chairs are Herman Miller in Millozenge fabric of deep blue. The antique English country chairs are accented with pillows of Herman Miller Millozenge orange.*

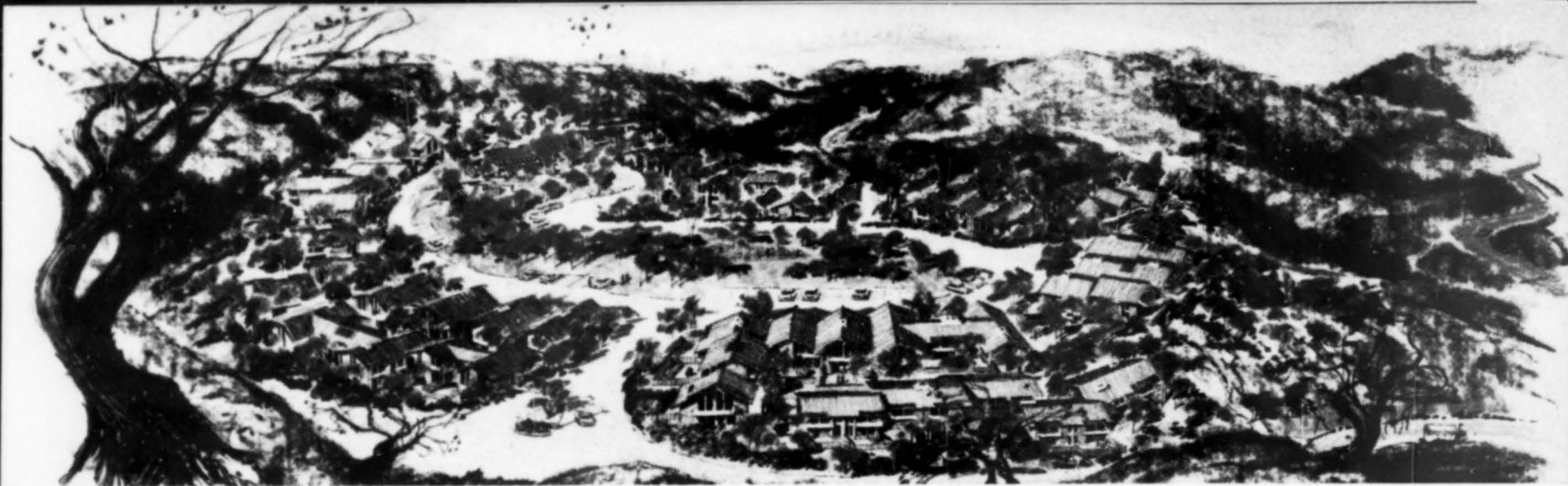
ANDERSON TRAVEL  
Berkeley, California

Anderson & Palmer  
Architects Associated

Robert L. Sage  
General Contractor



Gerald Ratto photos



sketches from MASTER PLAN  
for MOUNTAIN PARK

William L. Pereira & Associates  
Planning & Architecture

## THE DESTINY OF THE SANTA MONICA MOUNTAINS Los Angeles

THE LAST GREAT reservoir of undeveloped land within the city limits of Los Angeles—90 square miles of the Santa Monica Mountains—has lately become a matter of immediate concern. What should be done about the mountains has lately elicited various responses (all heated), ranging from the continuation of the laissez-faire policy of zoning the entire area for single-family residences to a proposal to convert 30 square miles of the mountains into the country's largest regional park.

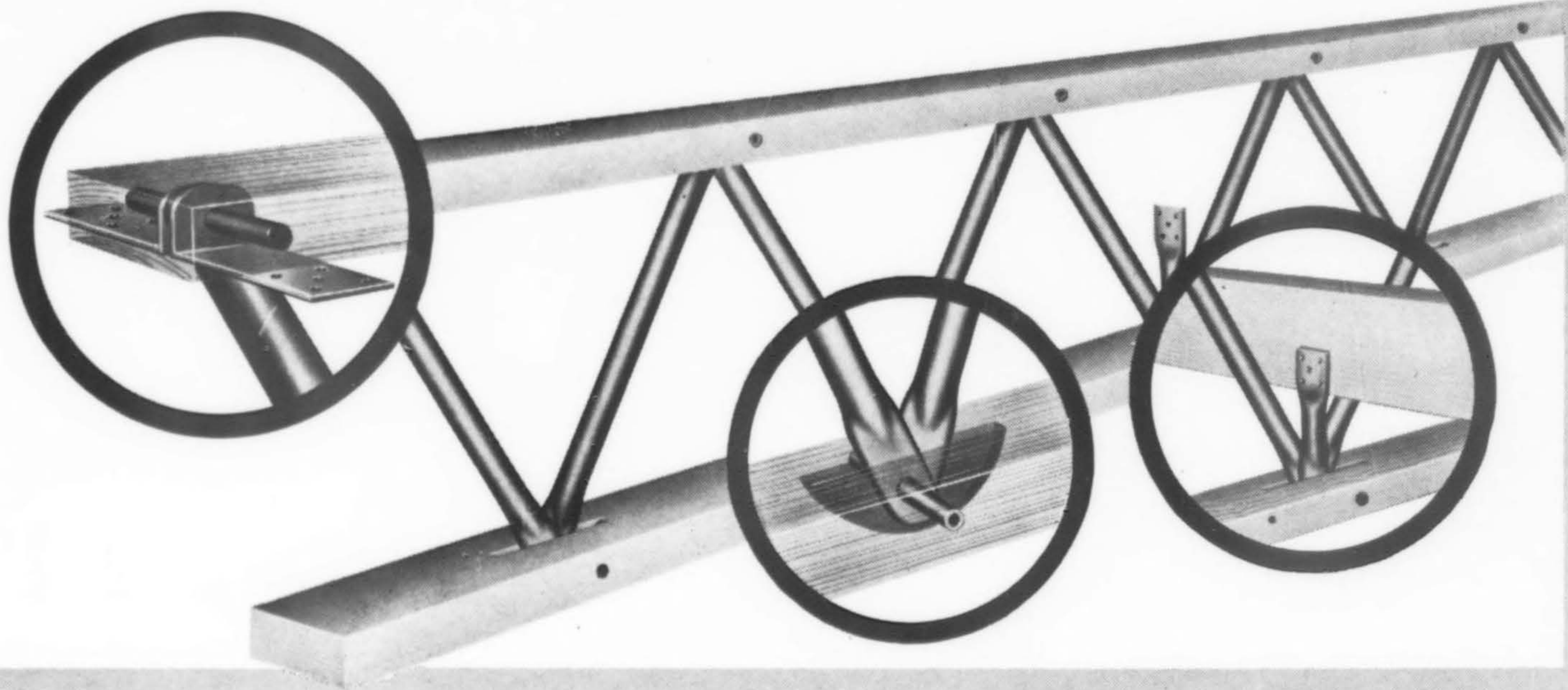
Somewhere between these two poles is the plan advanced recently by William L. Pereira & Associates as advisers to the Mountain Park properties, a 10,700-acre group of ownerships representing 40% of the privately owned undeveloped mountain area. Particularly interesting in this proposal are two new types of multiple housing especially devised for the mountain environment:

- “Cluster” housing: town houses grouped around a central park and following the natural contours to reduce cut-and-fill.
- “Cascade” housing: units actually built into the hillside itself and served by inclinators (supplanting high-rise towers).

The preservation of open space is also a primary concern. A huge recreation area, to be forever maintained in its natural state, is planned for the entire northeastern corner of the tract—about 1400 acres. The Mountain Park group has petitioned for an ordinance creating “hillside maintenance districts” which would permit the city to proportion among the residents the cost of upkeep of their surrounding greenbelts in much the same manner as street-lighting assessments. ■







**QUESTION:** Which is the best structural material...

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**ANSWER:** Trus-Joist combines  
the best features of both

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**Many Advantages.** Light weight Trus-Joists are easily handled and erected by job carpenters eliminating need for expensive mechanical equipment.

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**Flexibility of Design.** Trus-Joists

are custom made from approved shop drawings with pitch, taper and camber suited to any requirements . . . special profiles can be supplied to meet the architect's design.

**Wood Chords for Nailing.** Ply-wood sheathing and ceiling materials are nailed directly to wood chords.

**Stiffness.** Deflection may be limited to 1/480 X Span under full loads when used as recommended.

**Room for Utilities.** The open web features permits simplified installation of Duct Work, Wiring, Plumbing and Insulation together with free air circulation.

**Savings.** Lower original cost with reduced mechanical expense and faster erection by carpenters has provided buildings within estimates in job after job.

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"The system resulted in a firm and nearly deflection-free floor."

"We liked the wood nailers and the open web system saved materially on the electrical and mechanical costs."

"Use of this material resulted in a labor saving of about 50% when compared to standard open web steel joists."

"Trus-Joist speed of installation cuts labor cost in half."

"Trus-Joist resulted in a saving of over \$10,000 on the bid for our school."

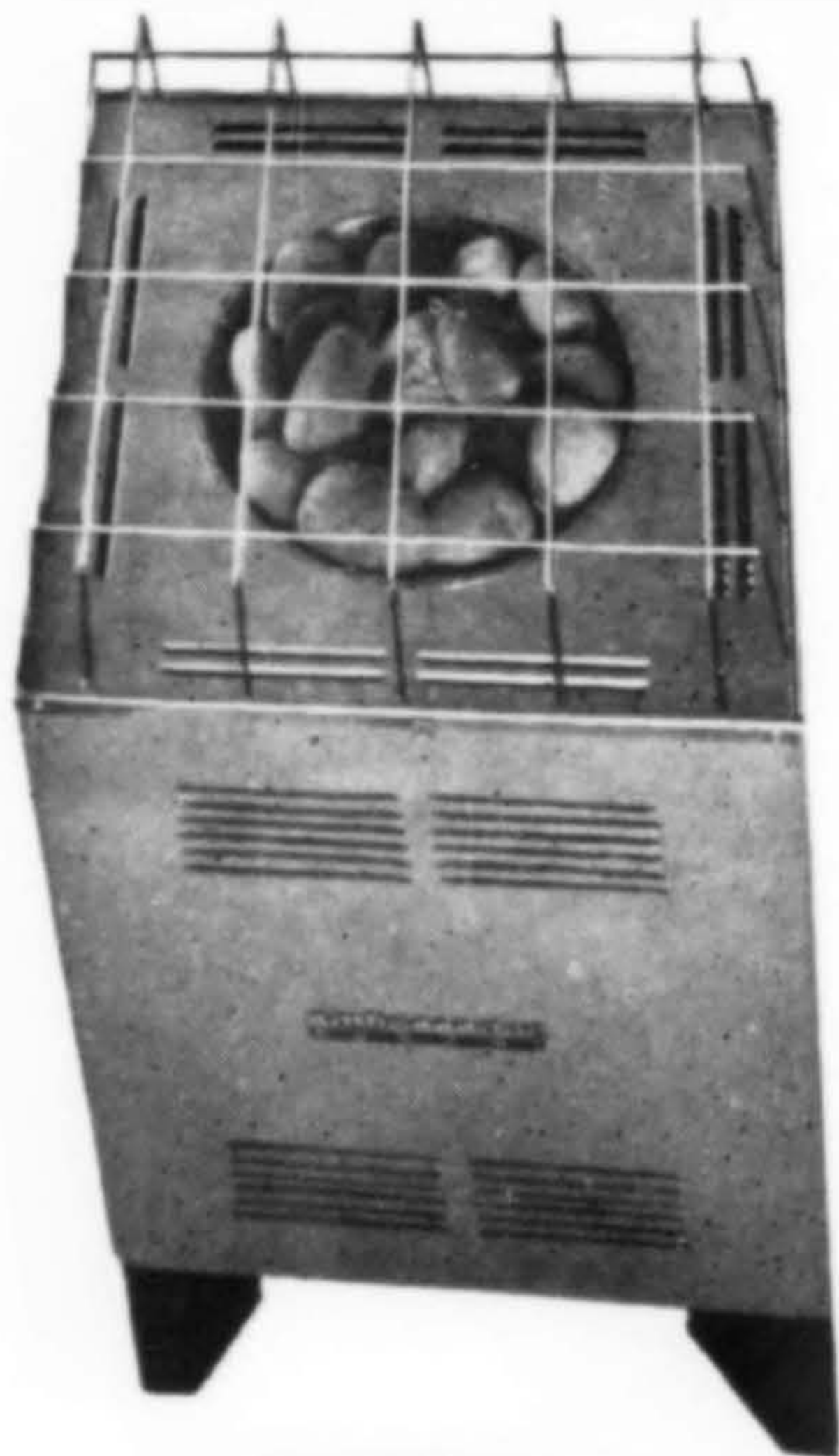
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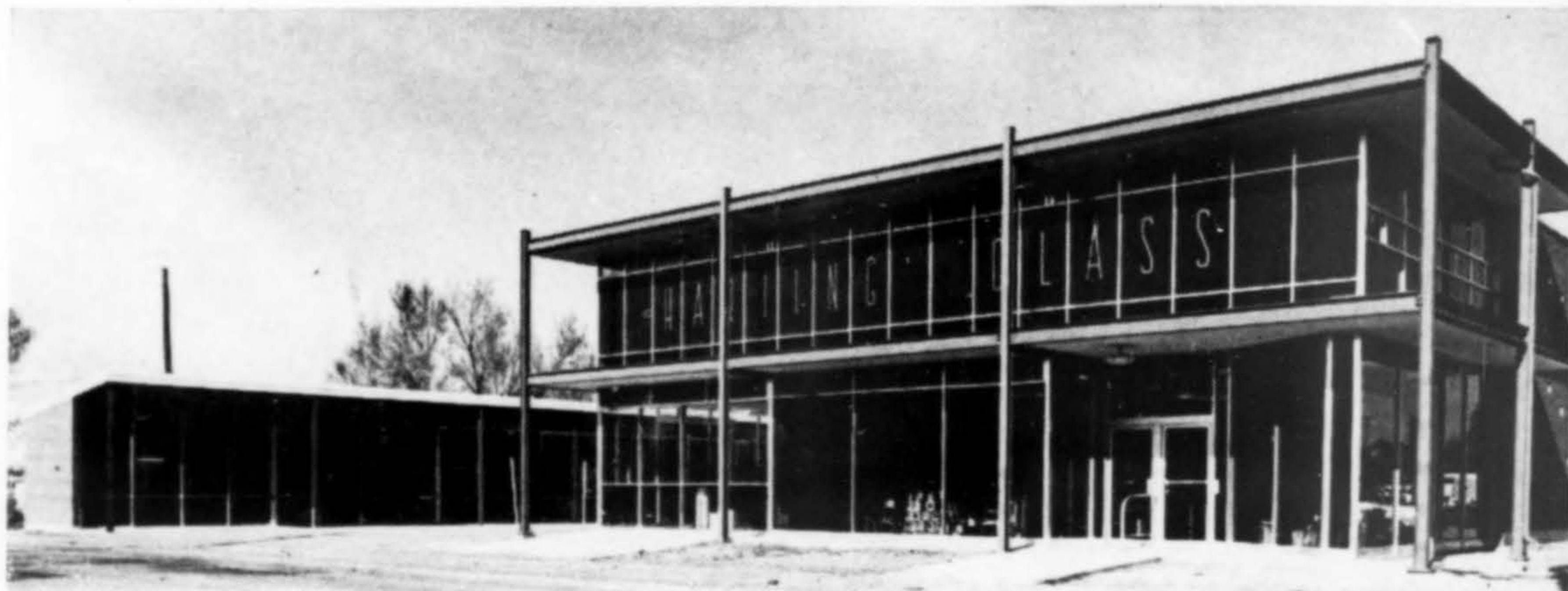
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PRODUCTS IN ACTION/Harding Glass Company



AS A SHOWCASE of products, the Harding Glass Company's new Denver headquarters effectively presents the company's wares. They begin with the office building walls of vitrolite and bronze glass and brick, repeated in the adjacent storage and display building. The south brick wall is highlighted with inserts of various sizes and colors of Libbey-Owens-Ford glass block.

The firm's name, sandblasted into the glass on the second floor front area, forms a unique, permanent sign. Glass is used throughout: sliding glass panels and doors over displays, cathedral glass inserts on balustrade.

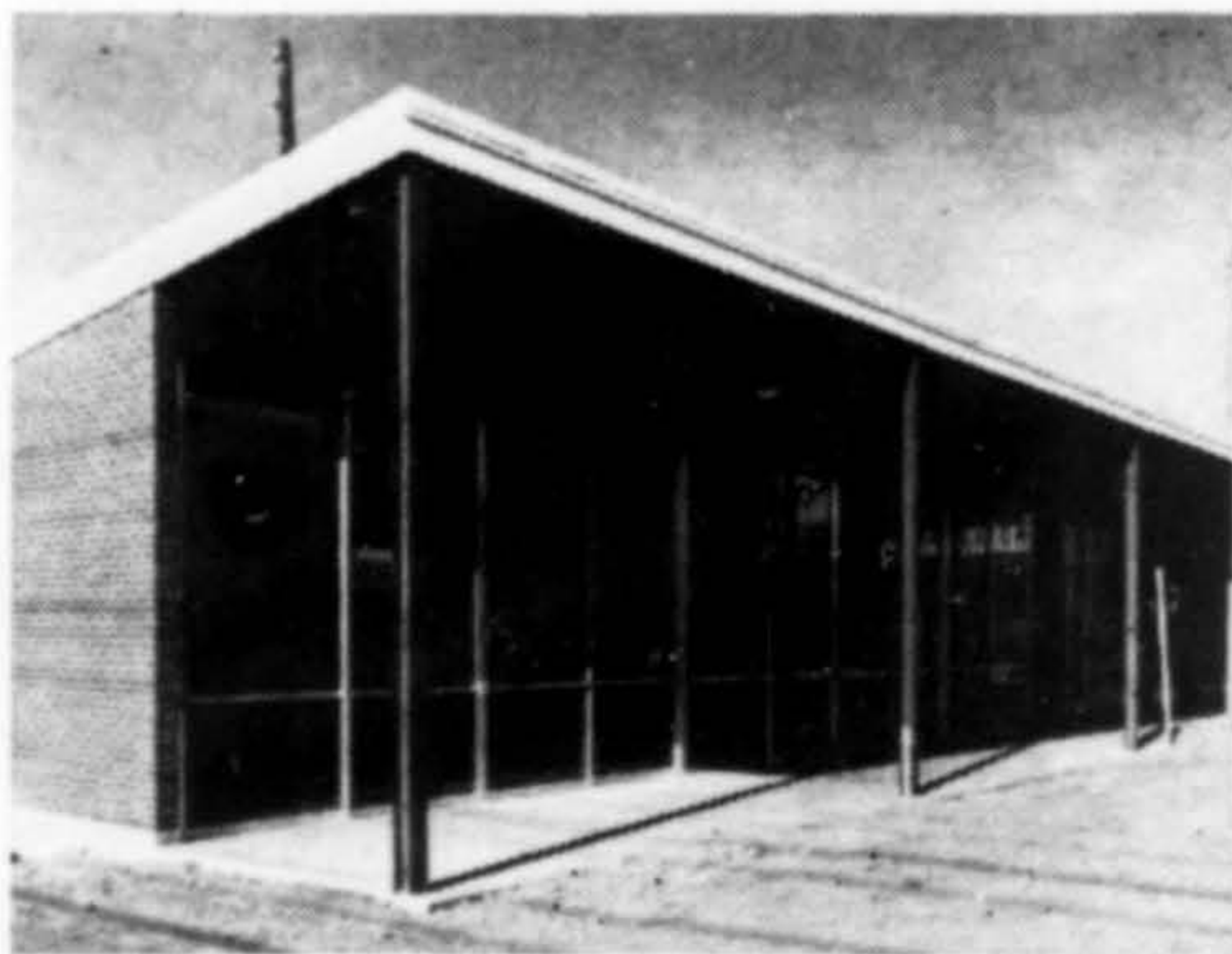
An exposed steel frame supports the building, almost entirely of glass and brick. Roof and floor are Rapidex precast hollow block. The two-story building (7500 sq. ft.) has a drive-in facility leading to glass service and retail sales areas. Executive offices, a conference room, and a 1500 sq. ft. showroom occupy the second floor. The showroom was specifically designed so that clients might view mirrors and other glass products in use. The conference room is available as a public service.

Planned landscaping will have a Japanese garden atmosphere.

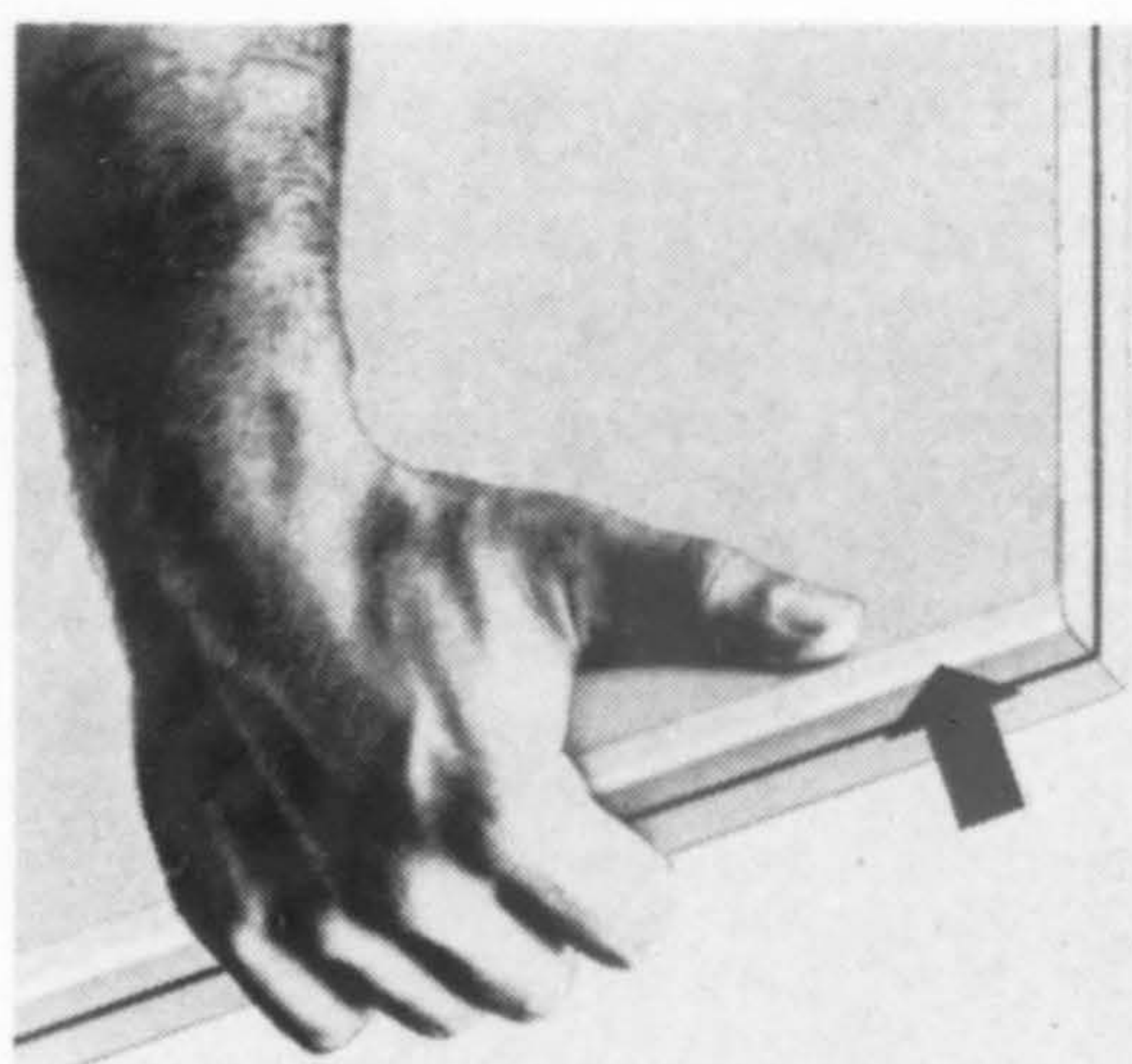
Architect was Richard T. Crandall.



An unusual stairway, suspended from double aluminum handrails, seems to float between floors. Aluminum treads are covered with carpet. Cathedral glass inserts on balustrade complement colored glass block in brick walls. The storage and display building (lower photo) has overhead monorail in the work area to carry glass sheets to cutting and shipping department.



## PRODUCTS



### cushioned edged gypsum board

An exclusive "Cushion Edge" feature has been added to 1/2-in. and 5/8-in. Celo-Rok gypsum wallboard by Celotex. Produced through a special manufacturing process that bevels the back long edges, the edge forms a rounded surface more comfortable to grip and easier to handle, reducing damage in unloading and moving on the job. Other advantages include panels that can be more tightly butted; edge pressure relief for more secure nailing.—Celotex Corp. (A/W), 120 South LaSalle St., Chicago 60603.

### stainless steel mirrors

Bright annealed stainless steel is giving new depth to mirrors. The all-metal mirrors reflect sharp, accurate images, are said to outwear plate glass, will not crack or peel. Metal mirrors are only one-tenth the weight of similar plate glass mirrors. First engineered for hospital, institutional and school markets where long wear is required, mirrors are now available for domestic uses.—Charles Parker Co. (A/W), Meriden, Conn.

### one-surface paneling adhesive

A new Glu-On paneling adhesive applies to only one surface but will bond on contact to walls, ceilings, studs, masonry, furring strips or plaster. The adhesive is an all-purpose, waterproof, permanent bond for use on metals, transite, stone, drywall, hardboard, concrete, tile, glass and even invisible nails.—Wilhold Glues, Inc. (A/W), 678 Clover St., Los Angeles 90031.

### popular-priced new fabrics

"Win, place and show," a new line of popular-priced fabrics have been especially designed by Barbara D'Arcy, A.I.D., for draperies, upholstery, slip covers, casements, and even wall coverings since they are treated with Scotchgard finish. The line is the Win Anderson Fabrics, department store division of Jack Lenor Larsen, Inc. Eight prints are presently available.—Martha Shaeffer & Co. (A/W), 410 E. 54th St., New York 10022.

### prismatic light enclosure

Two new prismatic lighting enclosures, Startex and Octex, are said to feature better performance, efficiency and low-brightness control of light. Startex is of crystal glass for permanent clarity with a design of a star motif on background of octagonal projecting prisms. Octex is plastic in either light-stabilized polystyrene or acrylic, with octagonal prisms interspaced with small squares combined with an overpattern of grid lines. The enclosures are available for the Day-Brite Daylume, Troffer, Mobilex and Clymatron lighting fixtures.—Day-Brite Lighting (A/W), 5411 Bulwer Ave., St. Louis, Mo. 63147.

### all-mineral ceiling tile

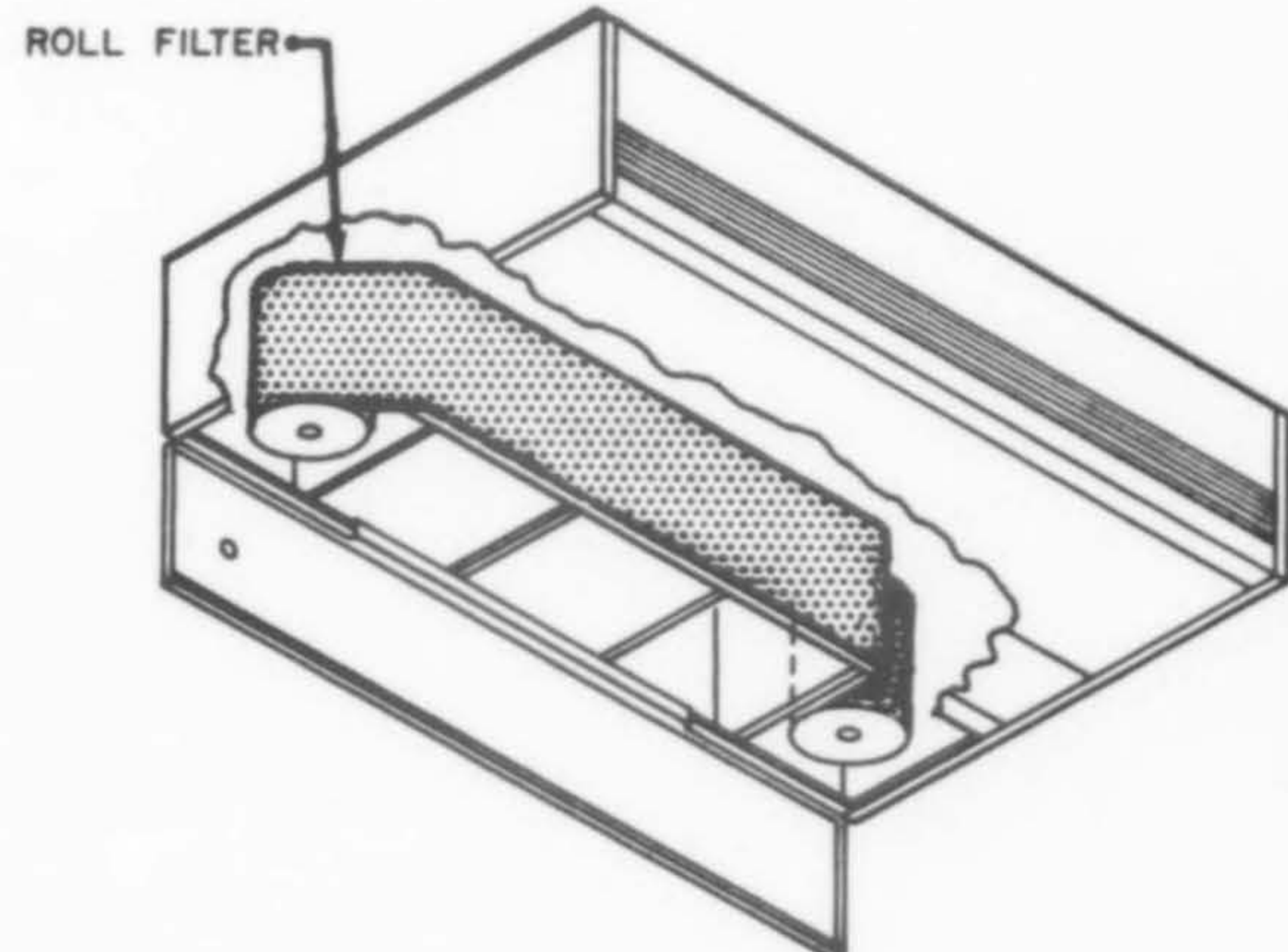
An all-mineral ceiling tile that is said to be water, smoke and fireproof for specific use in schools and office buildings is now on the market. Called Decortone, the acoustical tile is manufactured from perlite, recognized as the safety tile. In laboratory tests, Decortone has rated on mechanical systems with an "absolute" fire safety including Incombustible, Class A, Federal Specs., and the Underwriters Laboratories. Specifications for the tile include all mineral material, completely inorganic.—Harold E. Shugart Co. (A/W), 1415 Gardena Ave., Glendale, Calif.

### A/W pinpoints . . .



### IN DOWNEY, CALIF. . .

The Pink Carousel, a night club for young adults, features 37 Fire-Trol columns, accenting the design, and saving space in the parking and entrance areas. The columns, supplied ready to install by Pacific Column Co., are fireproofed steel prefabricated under supervision of Underwriters Laboratories and having a UL fire-rated label when delivered to the building site. Architects were Hans and Essig, Whittier.



### ceiling mounted ventilators

A ceiling-mounted unit ventilator equipped with roll-type filters is now available for all ceiling type steam, hot water and air conditioning applications. The American-Standard Model RH contains two spools: one for clean filter media, the other to take up dust-laden media. Filter media comes in 50-ft. rolls, is pre-treated. The ventilator is available with either manual or automatic filter change mechanism. Bottom access panels are hinged for safety and conveniences.—American-Standard, (A/W), Industrial Div., Detroit, Mich. 48232.

### venetian blind windows

A new series of vertical-pivot venetian blind windows has been introduced for commercial, institutional, educational and industrial buildings. The internal venetian blinds in the Adlake windows are designed for light and sound control, as well as insulation against heat loss. The 1400 series provides easy glass cleaning through vertical pivot reversal of the window. Locks, pivots, hinges and pull cords are concealed. Control knob is accessible for tilting. Windows feature Neoprene glazing seals, are custom fabricated in sizes to 6-ft. width and 7 1/2-ft. height, and utilize 1-in. wide, 15-slats-per-ft. blind design.—Adams & Westlake Co. (A/W), 1025 N. Michigan St., Elkhart, Indiana.

### legally locked emergency exits

Emergency exits may now be locked legally with the new Exit Lock which keeps doors securely locked until an emergency occurs. Door may be unlocked by striking metal clapper and breaking a glass panel, activating a loud mechanical alarm notifying that door is opened. Authorized persons can by-pass the alarm by use of a key. A special crowd release bar is available to open the Exit Lock automatically in the event people jam the doorway. Several locks may be wired to a remote light panel security indicator showing which door has been opened. The Exit Lock carries the UL label and is approved by National Fire Underwriters, Uniform Building Code and International Conference of Building Officials.—Best Universal Lock Co., Inc., (A/W), Indianapolis, Ind.



## Wood...

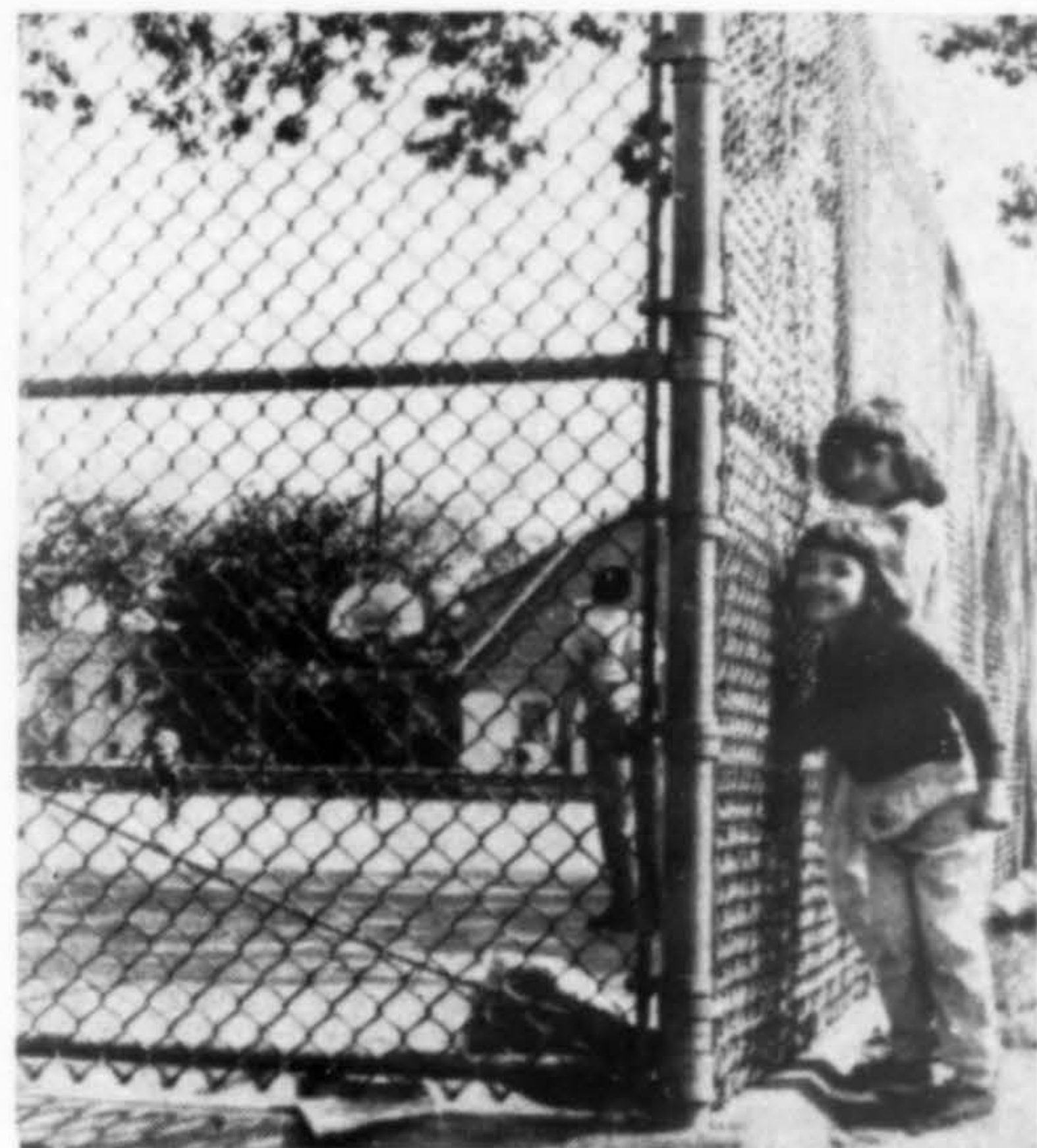
### PRODUCTS

#### easily installed floor bridging

No nails are required in the installation of "Fas-Lok", a unique floor bridging quickly installed with a few taps, and locked in place through use of a "lazy nail" designed to form the prong. The bridging may be installed after the sub-flooring is in place from beneath the floor joists. Acting in compression, the bridging is designed to become tighter as joists season. Precision formed and stamped from 18 gauge zinc coated corrosion resistant steel, the bridging is available for 2x8, 2x10, 2x12 joists with spacings of 12, 16, 24-in.—Timber Engineering Co. (A/W), 1619 Massachusetts Ave. N. W., Washington, D.C.

#### thermal insulation spray-applied

Spray applied thermal insulation, acoustic treatment and fireproofing have been included in the Sealtite line. Spraytite and Sealspray respectively can be used for a wide variety of direct surface applications. They will adhere to masonry, metal, glass or wood after simple surface preparation. Sealspray F.R. has been given a fire rating up to five hours by Underwriter Laboratories. Application utilizes only a nozzle and liquid lines added to most standard blowing or spray coating equipment. Versatility of products makes them adaptable to all types of construction.—Sealtite Insulation Mfg. Corp. (A/W), 115 Madison St., Waukesha, Wis.



#### permanent finish, colored fences

A fence system in custom colors or combinations to order, Colorbond has a complete resin-clad system that is permanent, cannot rust or corrode. The finish is said to be safe, smooth, secure and non-flammable. No painting or refinishing needed. The fence carries a 10-year factory warranty, comes in 12-gauge, 1¼-in. child-proof non-climable mesh in heights from three to 12-ft.; six and nine gauge mesh, a heavy-duty fence fabric for maximum security use; and tennis court fabric, nine gauge, 1¾-in. mesh, 120-in. high.—Colorguard Corp. (A/W) 107 E. 38th St., New York.

#### adjustable door pivots

"Adjus-A-Piv," a center hung floor pivot, allows installer to dial adjustments on any aluminum door without removal of the door with lateral adjustments up to 1/2-in., before installation. The pivot features full race ball-bearings, lifetime lubrication, permanent seal against rust and is said to be theft-proof.—Jackson Exit Device Corp. (A/W), 3447 Union Pacific Ave., Los Angeles 90023.



#### "rock" lamps hand-crafted

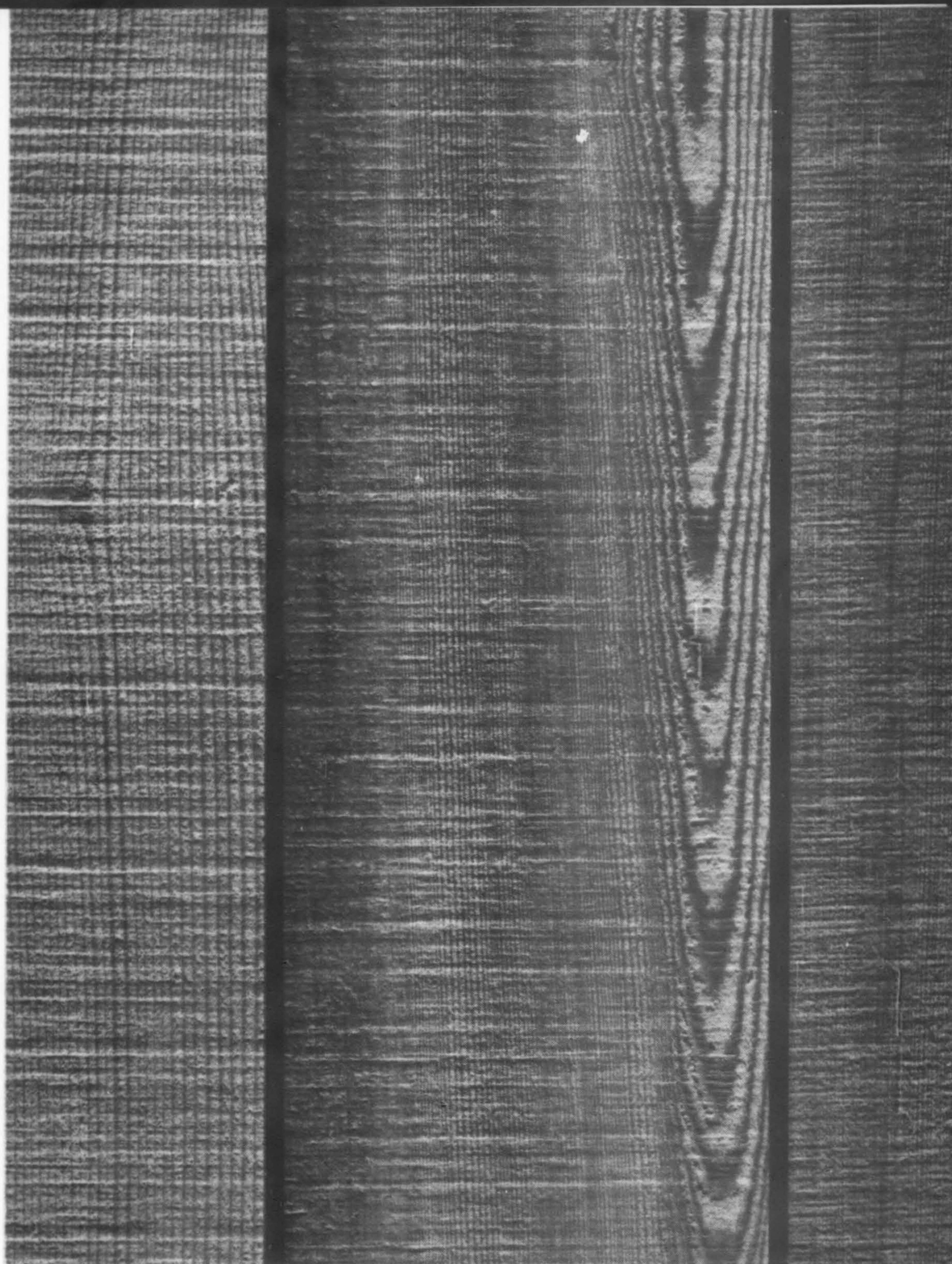
The spectacular "Rock" line of lamps is made of brilliantly colored translucent resin "rocks," available in a variety of striking color combinations. All hand-crafted, each lamp bears the Los Angeles seal of approval for wiring and electrical parts. A variety of styles and sizes is offered.—Laguna Lamps (A/W), 3117 S. Kilson Drive, Santa Ana, Calif.

#### condensed janitor's station

A janitor's station that requires only 13.1 sq. ft. has been developed as an aid to architects in saving floor area. The Sani-Prep is a planned, integrated unit of stainless steel for utility and maintenance. Components include a floor level sink; flexible hose; storage shelves; automatic lighting; personal locked compartment; small tool storage facilities; special holders for mops and brooms. Exterior doors are finished in either polished stainless steel or baked-on enamel. The Sani-Prep is recommended for schools, office buildings, hospital, etc.—Market Forge Company (A/W), Everett, Mass. 02149.

#### vinyl-coated steel windows

Vinyl-coated steel windows are available in three styles, eight standard colors. The Cecoclad finish, according to manufacturer, is virtually maintenance-free, is unaffected by exposure to severe climatic conditions. The vinyl plastic coating is said to be four to six times as thick as regular paint.—Ceco Steel Products Corp. (A/W), 5601 W. 26th St., Chicago.



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## LITERATURE

**Quartette, Complete Ceiling System** (AIA 31-F-2): introduces system with lighting, acoustical control, air supply and return, partition support in every module. Each section is discussed separately with illustrations sketches, specification data. Engineering data and bidding procedures are included. 20-pp.—Luminous Ceilings, Inc. 3701 N. Ravenswood Ave., Chicago 60613.

**Redondo Royal Line Tile:** outlines the new tile which gives a convex or concave appearance, depending upon use. Sizes, applications, combination ideas included in 6-pp. foldout.—Redondo Div., Stylon Corp., 1600 Kingsdale Ave., Redondo Beach, Calif.

**Rated Sound Control Construction Systems:** includes latest technical data on sound conditioned floor and partition systems for both single and multi-family construction. Sixteen practical systems are illustrated and described with a cost index assigned each system. Booklet also covers sound control test results of floor-ceiling construction, wood stud partitions, wood stud and resilient channel partitions and metal stud partitions. Included are definitions of terms relating to sound control and recommended areas for use of acoustical ceilings. 12-pp.—The Celotex Corp., 120 S. LaSalle St., Chicago 60603.

**Custom Line Locksets:** shows many decorative locksets for architectural specification; hardware, keyed locksets and interior locksets with a cross-section illustrating how Kwikset custom lines are made. Complete specifications listed together with guarantee. Recommended specifically for finer homes, apartments, institutions and light commercial buildings. Full color, 8-pp.—Kwikset Div., American Hardware Corp., 516 E. Santa Ana St., Anaheim, Calif. 92803.

**Holly Weatherwall** (AIA 30-F-1): explains how heating and cooling may be condensed into 1½ sq. ft. and describes unit in detail, showing sketches for suggested placement for best results. Especially developed for apartments, motels, offices, residential additions, brochure lists short form specification guide.—Holly Div., Lear Siegler Inc., 4361 Firestone Blvd., Southgate, Calif.

**A New Name in Forest Products:** outlines the history, products and capabilities of the new St. Regis Forest Products Division. Well illustrated, in full color, the brochure shows the many uses and specifications of the division's products as well as some nostalgic scenes of the turn-of-the-century. 24-pp.—St. Regis Paper Co., Forest Products Div., Libby, Montana.



**Post-tensioning System Cuts Cost of Apartments, Dormitories:** tells techniques of post-tensioning concrete slabs for apartment buildings and dormitories ranging from four-level structures to 34-story tower. Illustrations of various structures, forming for anchors, cable laying, finished slab edges, structural plans and apartment layouts are included. Two-color, 8-pp.—Atlas Prestressing Corp., 14809 Calvert St., Van Nuys, Calif.

**Stair Treads** (AIA 28-E): describes new Armor-Tred Brigadier, Chevron stair treads and Armor-Tile landing tile line for commercial, institutional and industrial buildings. Illustrated with descriptions of specific applications for each product, showing before and after photos restored with Latex Leveling Compound. A directory of stair treads with a break-down of specifications, photos and cross-sectional diagrams is included.—American Floor Products Co., 4922 Wisconsin Ave. N.W., Washington, D.C. 20016

**Ice Machines** (AIA 30-F-4): manual of specification data for Scotsman ice machines covers 17 models of ice flake machines; 15 ice cube machines; seven models of drink dispenser-ice machine combinations, seven storage bins and auxiliary products. Dimension drawings for each model are included with data on icemaking capacity, storage capacity, electrical and plumbing requirements, compressor size, weight and type of finish. 40-pp.—Scotsman, Queen Products Div., Albert Lea, Minnesota.

**Enter Lightolier's Wonderful World of Light** (AIA 31-F-23): full color, richly illustrated style book with over 590 individual designs in practically every price range shown. Designed for both residential and contract application, the book is categorized into nine specific sections and groupings from chandeliers, contemporary fixtures, pendants to lighting ideas, utility and outdoor illumination. Sizes, suggested placement are listed. 112-pp.—Lightolier, 2515 South Broadway, Los Angeles.



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## MANUFACTURERS/SUPPLIERS

• **Libbey-Owens-Ford Glass Co.:** The Pacific regional sales offices have been moved from San Francisco to new regional headquarters in Room 1006, Tishman Building, 3450 Wilshire Boulevard, Los Angeles. Ralph A. Prickett is new Pacific regional manager. Glenn T. Dunn, Jr., regional sales promotion manager has also moved to the new offices. The move was made, the company said, to "better accommodate customers and for better coverage of the Pacific region."

• **Hiebert, Inc.:** The Torrance firm, manufacturer of executive office furniture, has appointed John D. Tuttle as president. Neil E. McLean assumes the post of regional sales manager. Plans are under way for a new office and plant facility within the Los Angeles area.

• **Celotex Corp.:** Sid Davis, former Acousti-Celotex sales engineer for the company, has been promoted to assistant regional manager and will headquarter in Oakland. He will serve in Washington, Oregon, Northern California and Northern Nevada.

• **Pittsburgh Corning Corp.:** Thomas W. Mateer is new Los Angeles field representative for the firm's Foamglas and Unibestos insulation. Offices are at 429 South Western Ave.

• **Kaiser Cement & Gypsum Corp.:** Gordon K. Wilson, 52, Northwest division cement sales manager, died Sept. 30 of a heart attack. Headquartered in Seattle, Mr. Wilson had been with Kaiser in the Pacific Northwest for 19 years.

• **Architectural Pottery/Architectural Fiberglass:** The Bureau of International Commerce, United States Department of Commerce, has cited the Los Angeles firm officially for their contribution in helping to tell the story of American design in 16 U. S. exhibitions throughout Europe and the East. The citation, presented to Rita Lawrence, president, reads in part: "... for contributing to the success of the Bureau of International Commerce presentation of official United States Exhibits overseas, thereby aiding significantly in the advancement of world understanding of peace and prosperity under the American system of competitive free enterprise."

• **The Flintkote Co.:** George J. Pecaro, president, recently announced the entry of Flintkote into the contracting-construction field through its Sealzit Division, Riverside, California. The division will be managed by B. Perkic, vice president and general manager, with William H. Seiler heading the Sealzit Contracting Division.

• **R. C. Mahon Company:** Walter G. Mitchell, executive vice president and general manager of the Western Division of the Mahon Company, has purchased the custom operations of the Western Division in Torrance, California, embracing the aluminum dome structures, cinerama theatres, churches, auditoriums, freeway signs and material handling divisions. The new company will additionally act as Southern California agent for Mahon building products such as siding, decking, cellular flooring. Production and general office headquarters will continue to occupy the Torrance plant of the Mahon operation.

• **Northrop Architectural Systems:** Paul H. Leslie has been named director of sales and marketing of the Los Angeles firm. He was formerly marketing manager with Dura Steel Products Company.

• **Union Lumber Company:** Abe H. Jackson, Los Angeles district manager, has retired after 42½ years of service with the company. He has held this post since 1941.

• **Masonite Corp.:** A new flakeboard panel product, "Presdflake," will be marketed by the corporation starting early in 1965, and marks the firm's first move in recent history into production of other types of panel products than their hardboard. The new panel is suitable for furniture, kitchen cabinets, counter tops, interior doors and similar products.



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