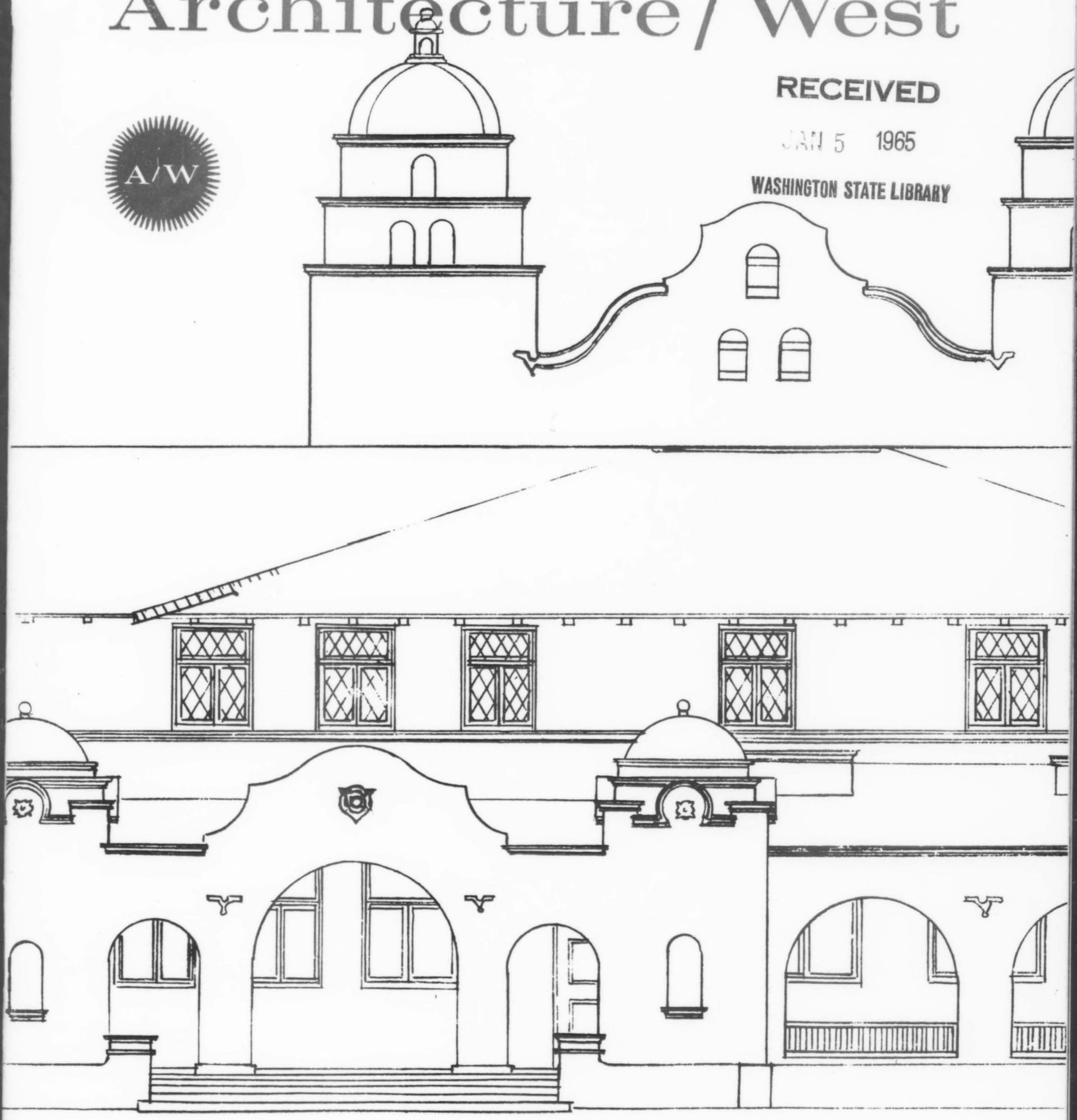
Architecture/West



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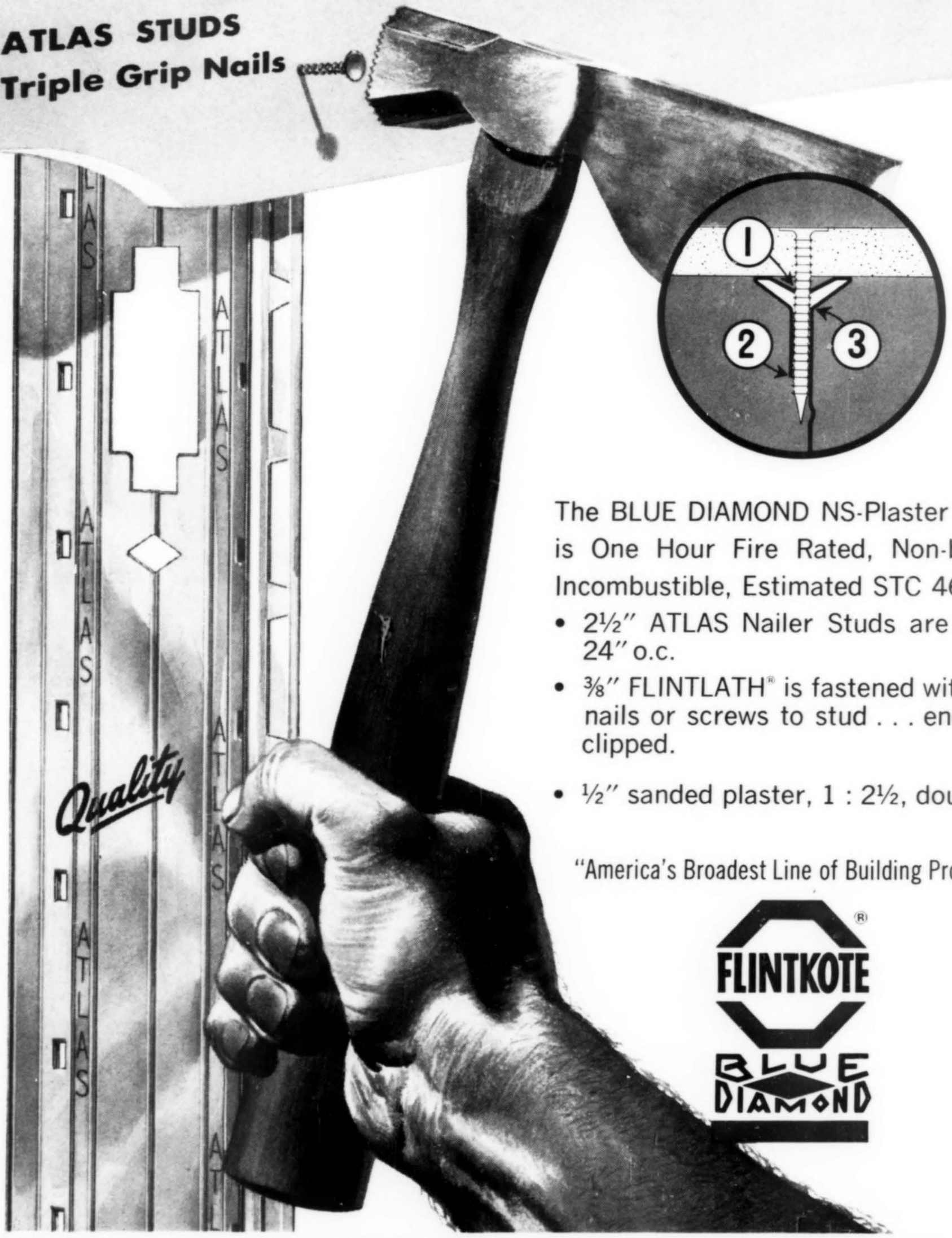

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Architecture / West

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Business data on page 34

COVER: Elevation sketch of one of the historic Fred Harvey Houses in New Mexico. Page 11.

ABOUT THIS ISSUE: The staff at *Architecture/West* was delighted when we obtained permission from both Dr. David Gebhard and New Mexico Architect to reprint the story of the famous Fred Harvey Houses. John Conron, AIA, co-editor of NMA, carried the photos and sketches with him to the Western Mountain Regional AIA conference at Las Vegas to be sure that we received them in good shape. The story as it originally appeared in New Mexico Architect (which, incidentally, has been cited as an outstanding example of AIA chapter publications) was even more fully illustrated. We are only sorry that space precludes our publishing in more detail.

We have had so many fine apartment projects submitted that it was difficult to choose which to feature this January. In trying to pick some representative "types", we chose three of Roger Lee's with inventive planning, highlighted pictorially on page 14. Raymond Kappe's Moorpark apartments in Los Angeles was a 1964 AIA-Homes for Better Living winner, and the Three Fountains in Phoenix, is delightful inside and out (page 20). Condominium, a new word in the last two or three years, is exceptionally well presented in the Hilgard Townhouses (page 23). This project was also cited in the AIA Homes for Better Living 1964 competition.

Church furnishings and interiors are sometimes so stark as to be almost grim. That's why we chose Kirkland's Congregational Church to show how warm and inviting the proper use of furniture, accessories, colors can be.

One last thought: "Pop Architecture?"—page 29!

THE BUILDING MONTH

Highlights & Sidelights

BUILDING OUTLOOK FOR 1965—

Resdential—An upward trend in marriages and family formation implies high demand for housing in the next decade. In addition, the expanding urban renewal program creates replacement need for homes. A reversal of the down trend for rental apartments seems indicated with the population expansion among young adults and senior citizens. Los Angeles remains nation's top housing market.

Educational—Schools and especially college facilities, will be stimulated by the population expansion plus two new federal programs just legislated: the Higher Education Facilities Act, and the Health Professions Education Assistance Act, which will make available more than a billion dollars in construction funds over the next three years.

Hospitals—The rising population, and intensified use, indicates need for more hospital facilities that will be helped by government funds. The Hill-Burton Act has been given a new five-year lease and the new Mental Retardation Facilities Act benefit from extra building grants.

Commercial—While office building has tended to level off, retail stores, and other facilities tied in with residential needs, are expected to gain.

Manufacturing, Services—Gas and electric systems, telephone and telegraph industries are all involved in vigorous growth and expansion programs. Manufacturing construction is expected to continue further gains in 1965. Utilities are slated for higher capital outlays with California leading this area with reactor technology plants and 14 generating units in operation and three new ones under construction.

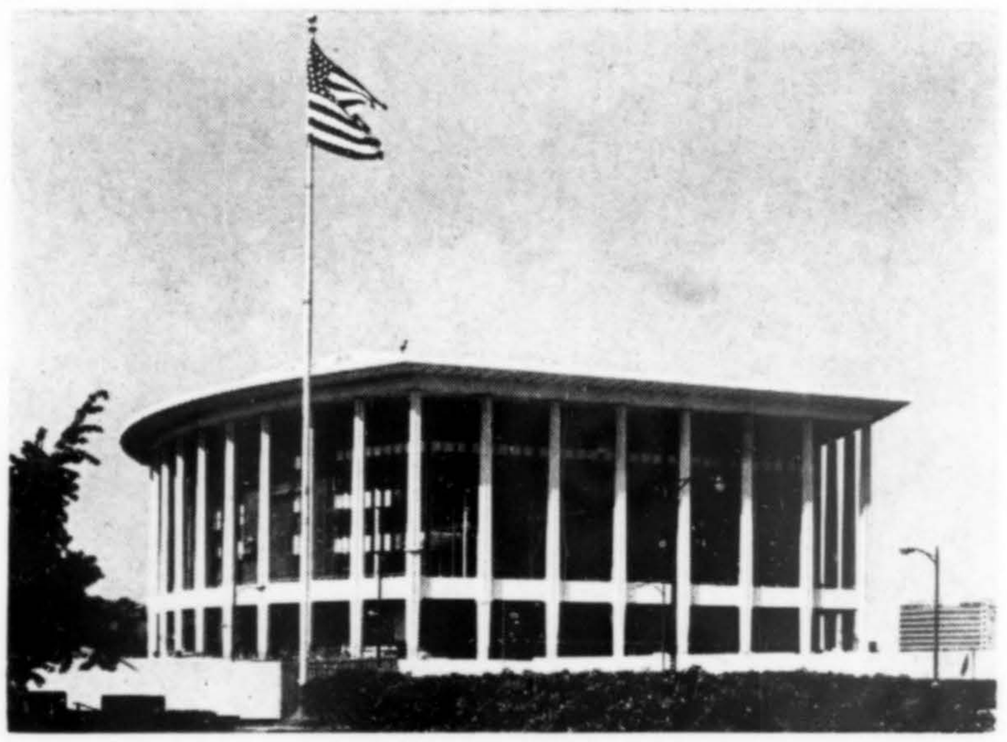
Residential building in the West is expected to rise about 5%; non-residential, up from 4 to 6%.

ELECTRIC HEATING ON INCREASE—There has been a 36% increase in residential electric heating installations in the United States this year, compared with 1963, according to the Electric Heating Association. **John H. K. Shannhan,** executive director, said that the Southwest showed a 30% increase, the Northwest, 19%. He predicted that at this rate, the Federal Power Commission's estimate of 19 million electrically heated homes by 1980 would be far surpassed.

STATE PLANNING ACT REVISION—The League of California Cities has proposed an almost complete revision of California's State Planning Act. A major proposal: that cities, as a condition to subdividing, require a park dedication of 5% without compensation.

CONSULTANT TO BARTD RETAINED—Dr. John E. Burchard has been retained as an architectural consultant to directors of the Bay Area Rapid Transit District, San Francisco. Presently a visiting professor in architecture and urban planning at the University of California, Berkeley, Dr. Burchard is recently retired Dean Emeritus, School of Humanities and Social Sciences, Massachusetts Institute of Technology.

TWO MORE FIRMS TO DESIGN RAPID TRANSIT STATIONS—Two more Bay Area architects have been named to design rapid transit subway stations beneath Market Street in downtown San Francisco for the BARTD. **Skidmore, Owings & Merrill** will design the two subway stations at Montgomery and Powell; **Reid & Tarics,** the stations at Civic Center and Van Ness.



LOS ANGELES MUSIC CENTER—Three phases of the $32.5 million Music Center for the Performing Arts were opened in December: The Pavilion, a 3250-seat auditorium, a landscaped central mall, and a four-level parking garage beneath the mall. The complete center will also house a 750-seat circular theater, the Mark Taper Forum; and a 2100-seat auditorium, The Center Theater, both facing the mall on the north side. The latter two are scheduled for completion in September 1966. **Welton Becket & Associates** are architects and engineers.

URBAN RENEWAL CONTRACTS IN DOUBT—The Federal Housing and Home finance agency has announced that no more urban renewal contracts will be signed for California projects until the courts have ruled on the constitutionality of Proposition No. 14. Such contracts require prohibitions against discrimination for reason of race, religion or national origin. When a community accepts federal urban renewal funds, it guarantees there will be no discrimination in the renewal area. The question raised by federal officials is whether the new law prevents cities and towns in California from abiding by the non-discrimation clause included in every urban renewal contract. The HHFA said that California could lose $158.5 million in federal housing money for urban renewal and are now compiling an inventory to see what can be done about projects already approved. California has 68 projects (about $258 million in federal funds either spent or allocated) now under way in 37 cities. California Governor Edmund G. Brown has announced the formation of a state government task force to seek a way out of the dilemma. The group will confer with federal housing agency officials in Washington.

$63 MILLION PLUS IN ALASKA—$63.9 million in construction has been authorized for Alaska by the Army Corps of Engineers. Work includes earthquake repairs, totaling some $30 million; civil works projects, $3.6 million; military construction, $29.6 million.

HHFA APPOINTS NEW REGIONAL OFFICER—Robert B. Pitts has been named regional administrator for Region VI, Housing and Home Finance Agency, in charge of Federal Aid programs in housing, urban renewal and public works in 11 Western states and Guam. Regional headquarters are in San Francisco.

PORTLAND AUDITORIUM APPPROVED—The $3.9 million rebuilding job on the old Portland Public Auditorium was approved by the voters on November 3. The auditorium is located between the South Auditorium Renewal district already about two-thirds programmed, and the proposed North Auditorium renewal area, now in the planning stage and scheduled for public hearings in the spring. The auditorium will be extensively remodeled. A total seating capacity of about 3000 is planned, a lobby six times the present room, elevators to service all floors. Completion is scheduled for late 1967 or early 1968. **Stanton, Boles, Maguire & Church,** Portland architects, are principals on the project in association with Seattle architect, **B. Marcus Priteca** as theater consultant, and **Paul S. Veneklasen & Associates,** acousticians.

MILLIONS AND MORE MILLIONS FOR WESTERN BUILDINGS—

Oakland—Telegraph Square, a $75 million transportation center and hotel project has been proposed in the heart of downtown Oakland. Proponents hope to establish a state redevelopment project area in the four blocks bounded by Telegraph, 20th St., San Pablo and 17th St. with removal, rehabilitation and new buildings planned. The Pacific Telephone Co., will erect a $10 million, nine-story building at 17th and Franklin, next to its present 15-story structure.

Renton, Wash.—Said to be the first major planned unit-residential development in the Pacific Northwest, the proposed $11 million Rolling Hills Village in Renton has been announced by Tiffany Homes, Inc., of Bellevue, Wash. Town or row houses will be utilized, as well as convential residences. Seattle architect **L. S. Higgins & Associates** are preparing plans for the residences.

Lodi, Calif.—The proposed 47-acre River Oaks Manor, along the Mokelumne River, will be a multi-million dollar planned commercial and residential development. The plan is acceptible to city planning commissioners with some annexation provisions, definite phasing schedules, an agreeable residential density and a guarantee to protect the natural beauty of the river.

LAW REGULATES PPRACTICE OF ARCHITECTURE, BUILDING DESIGN—The California Legislature has passed into law an act regulating the practice of architecture and building design, having found it inimical to public safety for unlicensed practitioners to have unlimited freedom in these fields. The law makes it a misdemeanor to practice either architecture or building design without a license and any person so convicted may face a fine of $500 or imprisonment up to six months. In practical application, the building contractor who sells negotiated work may no longer use drawings and renderings of his uncertified draftsman, but must have a working relationship with a registered architect or designer. Exempt from this law are residences of wood frame construction not more than two stories high, farm and ranch buildings, and any building for private use or occupancy that does not involve public health, safety or welfare.

CONSULTING THE CALENDAR—

17th International **Heating & Air-Conditioning Exposition,** McCormick Place, Chicago, Jan. 25-28.

Annual **Building Industry Conference,** Brown Palace Hotel, Denver, Feb. 9.

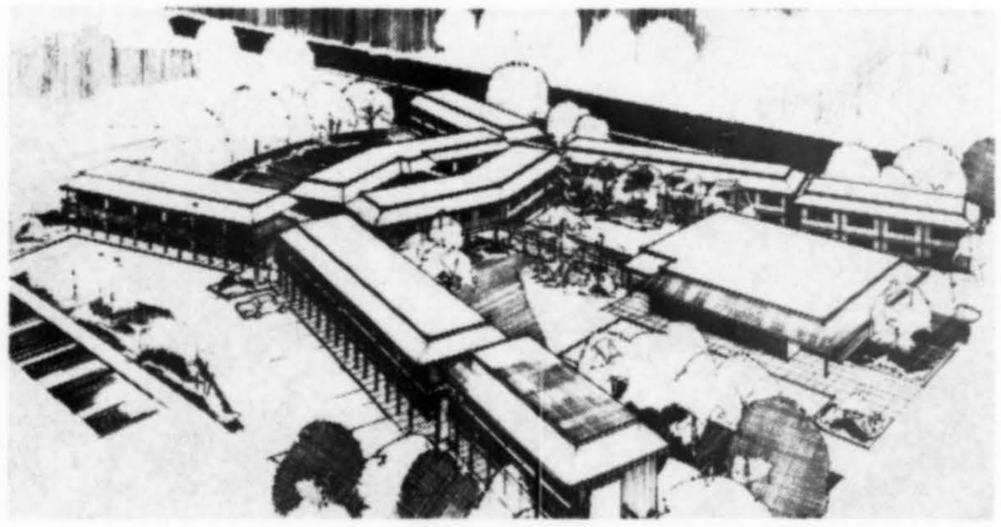
Mason Contractors Association of America 1965 convention and educational trade show, Sheraton-Cleveland Hotel, Cleveland, Feb. 13-16.

PROJECT PREVIEW

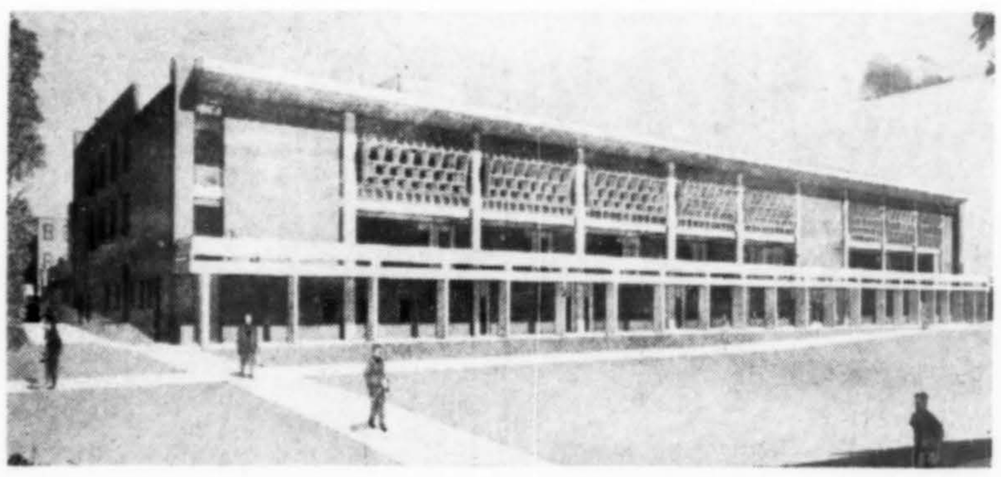
THEODORA HOME for the Aged, Seattle, will house 224 persons in two-bed units, each pulled apart and separated by planting areas. Design requirement to provide a non-institutional atmosphere for low cost rental units was solved by providing a Type V-1 hour wood building. Lounge, library and recreational area, sheltered interior court, covered parking space, exterior brick patios are included in the building, part one and part two-story. Glu-lam wood decking and skylights are in plans. Bid: $1.08 million. Completion: June 1965. Architects: Grant, Copeland and Chervenak, Seattle; Brazier Construction Co., Inc., contractor.

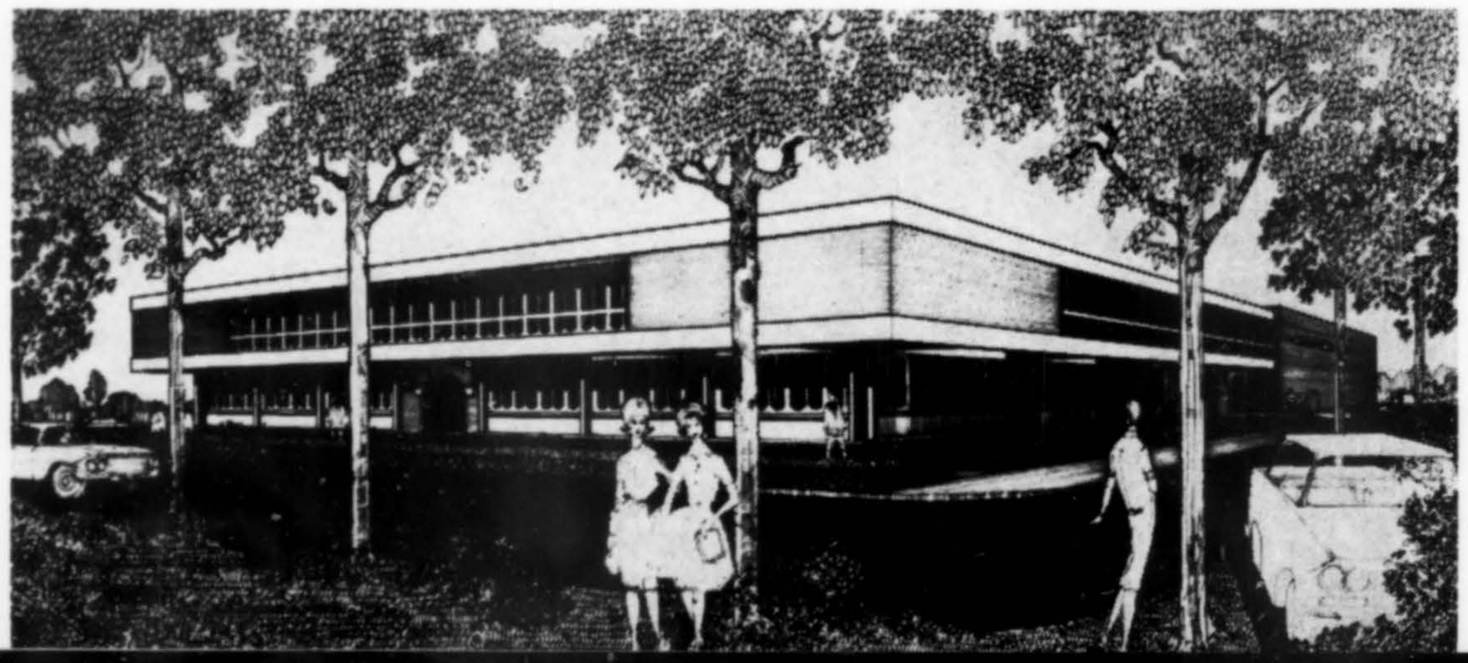
REDWOOD INTERMEDIATE School, Conejo Valley, California, is situated on a 22-acre site in rough terrain. Two of the school's five buildings will be placed above ground, supported by caissons and spanning rock outcroppings in the hilly site. The $1 million plant wll accommodate 1000 students in 7th through 9th grades. Architects: Flewelling and Moody, Los Angeles.

EPISCOPAL RETIREMENT HOME, Corvallis, will have 84 apartment units with 18 one-bedroom apartments and 66 efficiency units, consisting of 8 individual buildings of two-story wood frame constructon, connected wth exterior balconies. A community facility of SCR brick sidewall has wood frame roof, provides recreational space, library, lounge, main kitchen and dining room. All units have individual kitchens. Cost: $785,127. Architects: Jeppsen and Miller, Corvallis; contractor: Johnston and Meloy, Salem.



CLASSROOM CENTER, University of Idaho, Moscow, will provide offices for faculty, student affairs, audio-visual department, photo center, and 42 general purpose rooms for a student body of 2200. Classrooms are placed back-to-back with an audio-visual core in between, no windows, no interior corridors, no stairways—instead, system of ramps and exterior balconies to assist in rapid traffic movement. Structure will have poured concrete walls, masonry finish. Construction cost, $1.365 million. Occupancy: fall of 1965. Architects: Culler-Gale-Martell-Ericson; Norrie and Davis Engineers, Coeur d'Alene. Contractor: Vern W. Johnson & Son, Spokane.





ALAMEDA COUNTY Public Works Building, Oakland, is two-story concrete frame building with precast, prefabricated window panel inserts, dark brown concrete block walls. Square plan of building has 140x140 sq. ft. ground floor, 160x160-sq. ft. upper floor. Resulting cantilever acts as protection for lower floor; inset balconies on upper floor provide similar function. Circulation is provided by a gallery surrounding 40x40-ft. interior court with pool, planting, free standing staircase. Construction cost: $1,100,534, just $534 over budget allowed. Architect: John Hans Ostwald, Berkeley; E. Paul Kelly, associate architect.

$50,000 prize money shared among thirty in Mount Olympus international competition

Douglas P. Haner, Seattle architect now residing in Rome, was adjudged grand prize winner in the international competition for the $110 million Mount Olympus development in Hollywood, California. The mountain-top site for custom homes overlooks metropolitan Los Angeles, to the ocean.

The competition, sponsored by developer Russ Vincent, drew more than 2500 drawings from 75 nations, with a total of 30 winners dividing the $50,000 prize money. All entries will be displayed at the Mount Olympus site in a huge pavilion now being erected.

HANER

Prizes were awarded in three categories, for three homes for families of diversified interests. Mr. Haner, who was awarded $5,000 for grand prize (best design of three first prizes), also won $10,000 as first prize winner in Category Z, a home for a board chairman or manufacturing executive. He will receive in addition 12½% of the cost of the construction of the home he designed.

First prizes of $10,000 each were awarded to E. Castaneda Tamborrel, Mexico City, Category X, and Julio Villar Marcos, Montevideo, Uruguay, Category Y. Second prize winners, one in each category, at $2500 each; **X**—H. F. P. Goeters, Houston, Texas; **Y**—Ergun Ersoz, Istanbul, Turkey; **Z**—Renato Romero, San Salvador, El Salvador.

Third prizes, one in each category, $1000 each: **X**—Uri Lapousky Moren, Haifa, Israel; **Y**—Earle Britton, Houston; **Z**—Henryk Gaszewski, Warsaw, Poland.

Fourth prize winners, two in each category, received $500 each. Western architects in this group were: Harlan Georgesco and Alfred Kemper, Los Angeles, Category X; Thomas Frank Eden, San Francisco, Category Y.

Fifth prizes of $100 each included Dick Lowry, Los Angeles, and Robert J. Ambrose and Associates, Tucson, Category Y; Thomas Frank Eden, Category Z. Harlan Georgesco, Los Angeles, received special mention for his design in Category X.

MT. OLYMPUS COMPETITION JURY: left to right—Paul Thiry, FAIA, Seattle; George Vernon Russell, FAIA, professional advisor, Los Angeles; Elizabeth Gordon, editor, House Beautiful; Vladimir Ossipoff, FAIA, Honolulu; Pierre Vago, secretary-general, International Union of Architects, Paris; Marchesa Ludovica Doria, writer-photographer, Genova, Italy; Richard J. Neutra, FAIA, Los Angeles; Ramon Corona Martin, Society of Mexican Architects, Mexico City; Charles Edward Pratt, Royal Architectural Institute of Canada, Vancouver, Canada.

T-SQUARE TALK

NEW OFFICES

Kenneth E. Norwood, architect, announces the opening of his office at 2758 North Keystone St., Burbank, where he will practice as a planning consultant exclusively on comprehensive general plans for all aspects of urban planning and renewal.

Barden Erickson, AIA, has opened an office for the practice of architecture under this firm name at 228 White-Henry-Stuart Building, Seattle.

Karl E. Bell and Bruce M. Bicknell have opened offices for the general practice of architecture under the firm name of Bell & Bicknell, Architects, AIA. Offices are at 413 Boston Building, Denver.

George T. Johnson, formerly with the firm of Vladimir Ossipoff and Associates, has opened offices as Design Associates, Suite 201 Halau Building, International Market Place, Honolulu.

OFFICE CHANGES

Stephens, Walsh, Emmons and Shanks, Phoenix, announce that Kenneth I. Oberg, an associate since 1958, and Bayard R. Quick, since 1961, have become full partners in the architectural-engineering firm.

Julian O. Wilke, Redding, California architect, announces a new parner, Willard M. Woodward, and a change in firm name to Wilke & Woodward, Julian O. Wilke, AIA, Architect, with new offices at 1304 East Street, Suite 209.

Wilson Associates, Honolulu, announce a change in firm name to Wilson, Okamoto, Oka, Architects and Engineers. Offices are at Suite 1616, Ala Moana Buliding.

Anderson, Simonds, Dusel and Campini, Oakland architects, announce that Theodore Milhous has been admitted as a junior partner in the firm.

Kirk, Wallace and McKinley, Seattle architects, and their associates Vladimir M. Barmuta and Morris R. Jellison, announce that Robert L. Terrell, Edward M. Williamson and J. Frank Carroll, became associates of the firm on January 1.

APPOINTMENTS

Robert H. Dietz, dean of the College of Architecture and Urban Planning, University of Washington, and partner in the Seattle firm of Waldron and Dietz, has been appointed to a three-year term on the national Building Research Advisory Board of the National Academy of Sciences-National Research Council.

Alfred J. Graf, Winters, Calif., is serving as a member of the Winters City Council, a member of the Yolo County Board of Building Appeals and as an alternate member of the Yolo County Local Agency Formation Commission.

Kurt Gross is a member of the San Jose Planning Commission.

Don L. Yinger, is chairman of the Sign Committee appointed by the Pomona City Council.

MISCELLANY

Seth H. Seablom, young Seattle architect studying in Denmark on a Fulbright scholarship, has been named winner along with a Danish colleague, Knud E. Rasmussen, of a $5,700 prize for their conception of a residential area of the future that would put all traffic and parking underground, separate houses by gardens. Both architects are presently working in the Copenhagen municipal planning department.

Clayton Young, Seattle architect and consultant for Century 21, has been retained for site planning for a proposed 1967 celebration of the 100th anniversary of the purchase of Alaska from Russia. A group called 67 North, Inc., Fairbanks, is planning the Alaskan centennial.

Sidney W. Little, dean of the College of Architecture, University of Arizona, has been elected vice president of the southern district of the Arizona Roadside Council, a group primarily interested in securing legislation regulating highway billboard control.

A $625 scholarship in architecture has been established at the University of Southern California by the Alcoa Foundation to be given annually to a student showing promise of excellence in the field of architecture, including the arts of building technology, professional practice and conceptual design. Recipient of the award will be selected by the university.

Donald Lutes, partner in the Springfield, Oregon firm of Lutes and Amundson; and Nathanial Owings, Skidmore, Owings & Merrill, San Francisco, have been named as jurors of the 1965 national AIA honor awards program. Other jurors are Willis Mills, Stamford, Conn.; Robert Cerny, Minneapolis, and Philip Johnson, New York.

Robert Wehrli has closed offices of the Architectural Guild in Casper, Wyoming. He will continue limited practice of Town Planning and Consultation at 1864 Sunnyside Ave., Salt Lake City, and will be on the staff at the School of Architecture at the University of Utah.

Portland architect George Whittier has been named manager of building codes and specifications for the Western Wood Products Association, according to an announcement by Wendell B. Barnes, excutive vice president. Whittier has practiced in Portland since 1938.

New faculty in the Department of Architecture, College of Architecture and Urban Planning, University of Washington, include architect Hans G. Bellmann, a Bauhaus graduate, from Switzerland, who has taught at the Hochschule fur Gestaltung, Ulm, Germany and at Lunstgewerbeschule, Zurich; Professor Charles M. Kelley, designer from Houston, Texas,

RED STEEL FOOTBRIDGE is located in the Botanical Gardens, Honolulu, approaching Schofield Barracks. George Lee was bridge architect.

and former head professor of architecture at Auburn University until his resignation in 1963; Dr. Raymond Schneider, Stanford University, who has a doctorate in facility planning from that school; Claus Seligmann, London architect, who taught architectural design for School of Architecture, Architectural Association.

✔ California State Architect Carl C. McElvy has been cited by the Unit Masonry Association of Northern California, as head of the Office of Architecture and Construction, "for outstanding design and excellence in the use of Unit Masonry". Eight state buildings were named as Honor Award certificate recipients; Humboldt and Chico State Colleges; Conservation Center, Susanville; Department of Employment, Marysville; Orientation Center for the Blind, Albany; residence halls at Fresno, Chico, San Jose and Sacramento State Colleges.

COMPETITIONS

✔ The third annual awards program sponsored by the Prestressed Concrete Institute will honor designers and engineers of outstanding structures employing prestressed concrete with judging based on originality of architectural and/or engineering design, techniques of assembly, effective employment of properties of prestressed concrete, and aesthetic appearance when pertinent to the application. Any type or kind of structure completed within the last three years, or substantially completed by May 31, 1965, are eligible.

Entries are to be submitted to the PCI, 205 W. Wacker Drive, Chicago 60606. Deadline is June 1, 1965.

✔ The Regents of the University of California, Berkeley, extend an invitation to enter competition to select an architect for the proposed University Arts Center. The competition will be anonymous and will be conducted in two stages. It has been approved by the American Institute of Architects.

The winning entry will be awarded either the contract for architectural services or a cash prize of $25,000. Each other final competitor will receive $5,000. In the event the jury selects no winner, all seven finalists will receive $5,000 each. If all preliminary entries are rejected, the seven most meritorious entries will receive $1,500 each.

Entries must be submitted no later than January 30, 1965 and should be addressed to Eldridge T. Spencer, FAIA, Professional Advisor for the University Arts Center Competition, 251 Kearny St., San Francisco 94108. A $20 registration fee is required.

Jurors are architects Lawrence B. Anderson, Boston; Gardner A. Dailey, FAIA, San Franicsco; Ralph Rapson, Minneapolis; and Regents Dorothy B. Chandler, Los Angeles; Donald M. McLaughlin, San Francisco.

ELECTIONS

Utah Chapter, AIA:

Bruce R. Dixon, Provo, president
Frederick Montmorency, Salt Lake City, vice president
Ralph A. Edwards, Salt Lake City, secretary
William A. Richardson, Salt Lake City, treasurer
Wesley R. Budd, Salt Lake City, director

Montana Chapter, AIA:

David S. Davidson, Great Falls, president
Raymond Thon, Kalispell, vice president
H. C. Cheever, Bozeman, secretary-treasurer, reelected
Vincent Werner, Great Falls; William Grabow, Bozeman, and Cle Rose, dean of Montana State College school of Architecture, directors.

Seattle Chapter, AIA:

John Wright, president
David McKinley, vice president
Paul Carlson, secretary, re-elected
Gerald Pomeroy, treasurer
LaMonte Shcrett, director, one-year term, Fred Bassetti, three-years.

Southern California Chapter, AIA:

Clinton Ternstrom, Los Angeles, president
Frank Gruys, Los Angeles, vice president
Edward A. Killingsworth, FAIA, Long Beach, secretary
Robert Bolling, Los Angeles, treasurer
Henry Silvestri, Sherman Oaks, director, three-year term.

Alaska Chapter, AIA:

W. J. Wellenstein, Anchorage, president
Lucian Cassetta, Anchorage, vice president
Don Coolidge, Anchorage, secretary
Ralph Taylor, Fairbanks, treasurer
Wayne White, Fairbanks, and Bjarne Olsen, Juneau, directors

Washington State Council, AIA:

Phillip L. Jacobson, Seattle, president
Gordon Johnston, Tacoma, vice president
David R. Anderson, Seattle, secretary-treasurer

DEATHS

✔ Adolf Deichmann, 73, died early in December following a brief illness. A former San Francisco architect, he conducted a major portion of his professional business in the Glenn-Shasta County area. A native of Germany, he came to Artois, California in 1902. Among his buildings were the Shasta County Hospital, Willows Hospital, Coluca County Hospital, several public schools. He was also architect for the National Dollar Stores.

COMMISSIONS

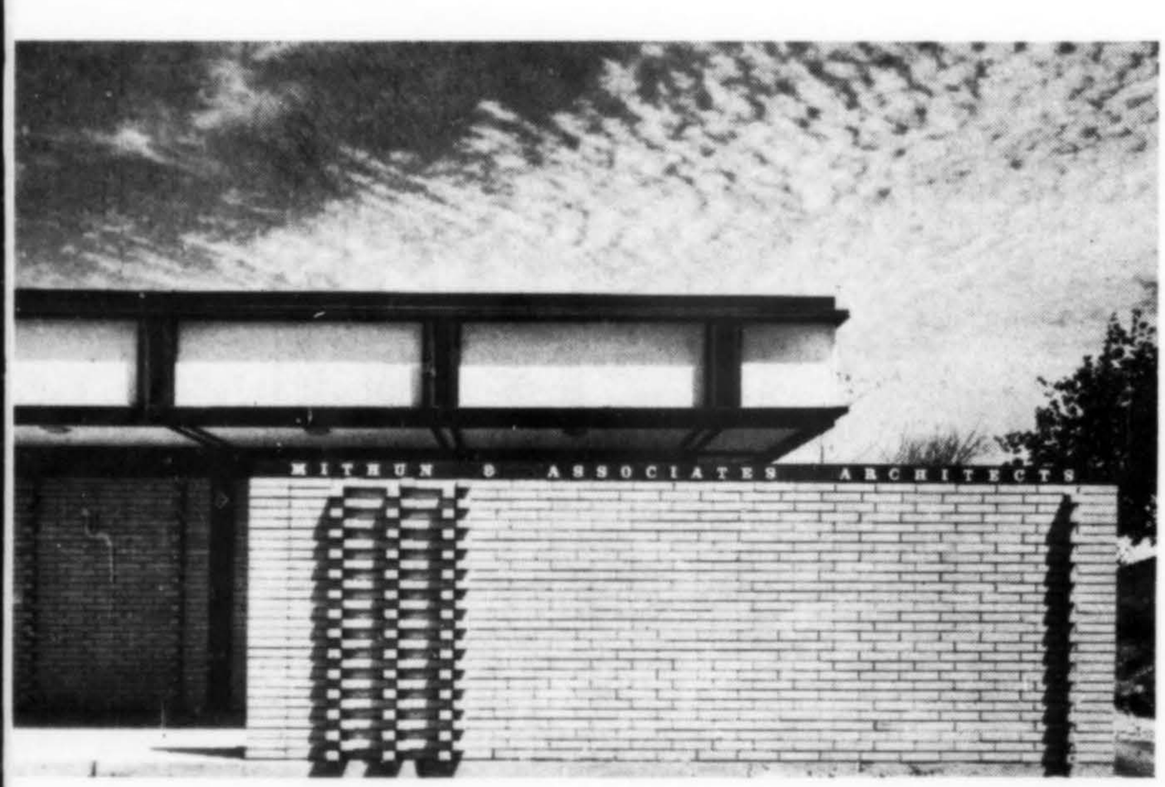
✔ Chosen from among five firms recommended by an architectural advisory committee, the **Office of Ernest J. Kump Associates,** Palo Alto, will design the student union building at San Jose State College . . . **Skidmore, Owings & Merrill** have been retained by Weyerhaeuser Company to survey space requirements, potential building sites for an addition to the headquarters facility of the Tacoma-based firm . . . **Smart and Clabaugh,** Redding, have been named to plan an annex, estimated at more than one million dollars, for the Shasta County Courthouse . . .

The $1.4 million Customs and Immigration building at the proposed Alaska Highway border station will be planned by architects **Olsen and Sands,** Juneau . . . The Spokane architectural firm of **Culler, Gale, Martell, Ericson, Norrie and Davis,** engineers, has been named by the Board of Regents, University of Washington, to design a classroom-administration building at the Center for Graduate Study, Richland, Wash. . . . Umpqua College Board, Roseburg, has retained Portland architects **Hewlett and Jamison** to design first structures proposed for the new community college.

NEW ADDRESSES

RAYMOND NORDQUIST—Rt. 3, Box 221D, San Luis Obispo, from Red Lodge, Mont.
CALVIN H. VANNESS—4001 East Glenrosa, Phoenix
DWIGHT E. BENNETT—3913-A Long Beach Blvd., Long Beach, Calif.
RAYMOND R. SHAW—116 South King St., Suite 303, Honolulu
C. J. PADEREWSKI—Suite 208, 525 "C" St., San Diego
OSCAR LIFF—482½ S. San Vincente Blvd., Los Angeles
DONALD A. WEXLER & ASSOCIATES—Professional Park, Suite 10, 199 Civic Drive, Palm Springs, Calif.
E. M. PIERCE, SR.—38A Feno St., Arcadia, from Pasadena
TRUMP & SAUBLE—202 "M" St., Eureka, Calif.
M. KEITH RICHARDSON—1119 Newhouse Bldg., Salt Lake City
CHARLES BRUMMITT—4124 Normal, Los Angeles, from Portland
WALTER WAGNER & PARTNERS—707 North Fulton St., Fresno

Where the Architects Hang Their Hats



MITHUN ASSOCIATES — Bellevue, Washington

A BALANCE of privacy and openness reflects this firm's attitude of practice and the architectural concept of the office. Continuity of each project from preliminary conferences through construction is facilitated by the use of semi-private offices for the associates, creating an atmosphere conducive to their individual projects.

Drafting areas are oriented away from the direct sun and uniform lighting is maintained by the use of a wood and acrylic suspended fluorescent ceiling. A transparent wall and carpeted gallery provides a separation for the associates' offices from the private office of the principal and the conference rooms. Displays of current work, a library and storage for samples are included in the gallery. The transparent gallery wall allows all areas orientation toward a secluded garden court.

Omer L. Mithun, whose name the firm bears, was educated at the University of Minnesota. He has continued at the University of Washington where he is an associate professor in the School of Architecture. His practice was started in Bellevue in 1949. The firm has gained wide recognition through award winning buildings and continues to serve a rapidly expanding community east of Seattle. The associates include Robert L. Ramaley and Robert W. Champion who studied at the University of Washington and J. Donald Bowman who studied under Bruce Goff at the University of Oklahoma.

Charles R. Pearson Photos

Las Chavez Hotel, Vaughn, New Mexico: northeast elevation above; plan below.

ARCHITECTURE & THE FRED HARVEY HOUSES

DR. DAVID GEBHARD, Department of Art, University of California, Santa Barbara

Abridged article reprinted courtesy NEW MEXICO ARCHITECT, July-August/62

FOR WELL OVER a half century a traveler's first impression of the American Southwest was through one of the many Atchison, Topeka and Santa Fe Railroad stations and the associated hotel and restaurant operated by the Fred Harvey organization. Here the eastern or midwestern traveler was drawn into the romantic world of the Spanish conquistador and equally unfamiliar world of the Pueblo and Navajo Indians. On alighting on the platform the visitor encountered not the usual neo-Roman or neo-Renaissance station so characteristic then of the eastern sections of the country, but instead he was faced with a low two or three story structure, almost domestic in character.

These structures seemed to fit so naturally and unostentatiously into their Southwestern environment that little conscious thought was given to them as rather remarkable examples of architecture—examples which not only personify our age, but which in many ways have made a notable contribution to the American architectural scene. With a certain degree of historical perspective now available it is possible to look again at these station-hotels and in the process discover that a good number of them entail an unusual synthesis and expression of architectural ideas. At first one tends to think of them as characteristic examples of Spanish Colonial eclecticism, yet a second glance well establishes that such is hardly the case. In truth they may be thought of as instances of neo-Rationalism—the same architectural vocabulary arrived at by such early twentieth century architects as the Europeans Adolf Loos and Josef Hoffman, or as the California architect, Irving Gill. Traditional features—occasional projecting vegas, heavily articulated walls, reminiscent of adobe construction, arcaded porches and passage ways—are often to be found, but these are grouped together and assembled in a highly original fashion. Coupled with these elements are features obviously derived from Bungalow and Craftsman traditions of the West Coast and from the work of the midwestern Prairie architects, especially of course from the buildings of Louis Sullivan and Frank Lloyd Wright. To be sure purely picturesque elements are to be found on many of these buildings, yet the totality of their visual effect is that of simple geometric shapes and forms. As objects existing in space and as objects enclosing space these series of Southwestern railway station-hotels do not belong to the Spanish Colonial revival phase of American architecture, but rather they are decidedly an aspect of the early modern movement in American architecture.

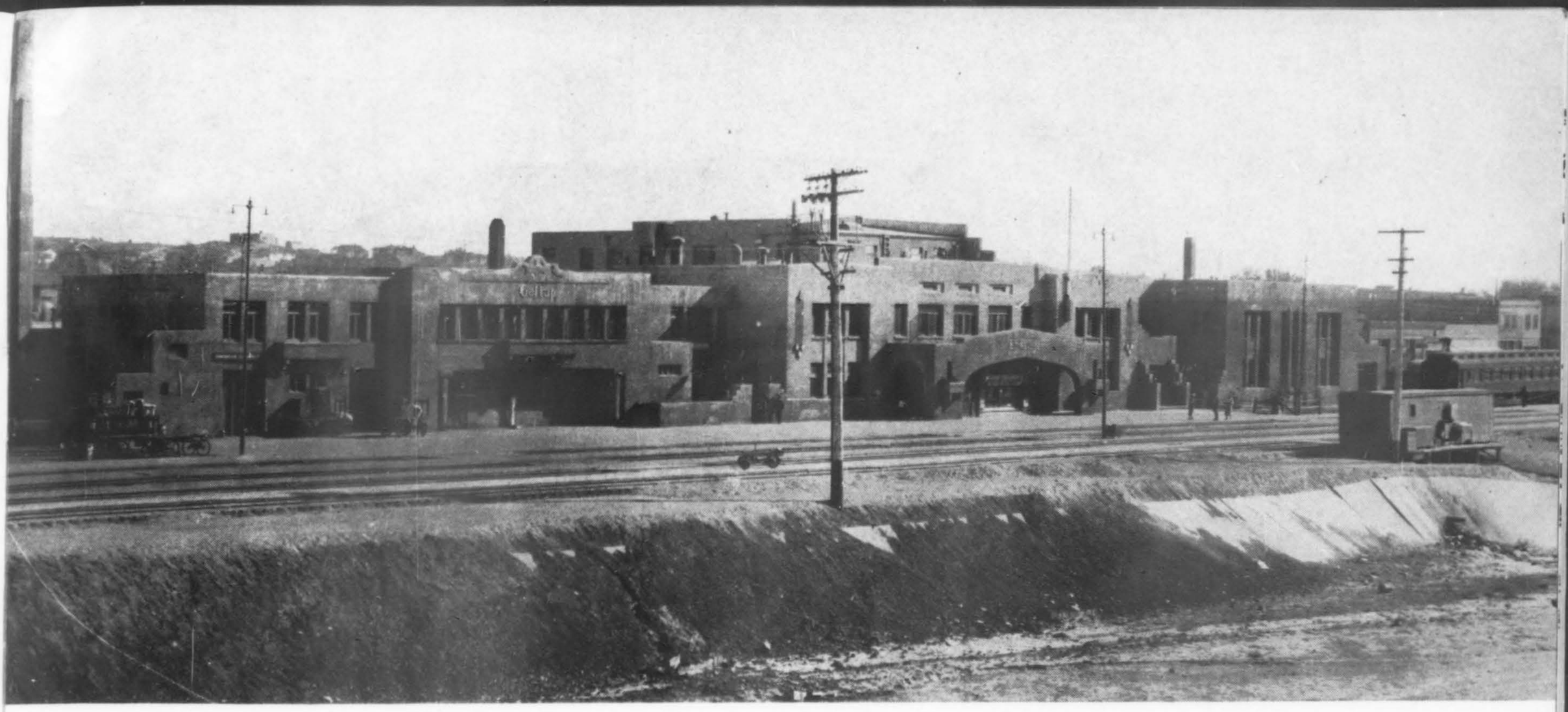
The most outstanding examples of Atchison, Topeka and Santa Fe Railroad-Harvey Houses were those constructed during the first two decades of this century at Lamy, Albuquerque, Las Vegas (New Mexico), Vaughn and Gallup. In some cases the railroad company engaged its own personnel to design the building—an example of this being the El Navajo Hotel at Gallup, which was designed in 1916-17 by E. A. Harrison, the railroad's chief draftsman. There are a number of instances though where outside architects were commissioned to design the station-hotels —Myron H. Church of Chicago produced the plan of the Las Chavez Hotel at Vaughn in 1908-09, and Louis Curtiss of Kansas City, the El Ortiz at Lamy.

An excellent example of one of the Harvey Houses which expresses what we could call an architectural middle ground is the Las Chavez Hotel at Vaughn. Like many of these buildings the one at Vaughn has unfortunately been long abandoned.

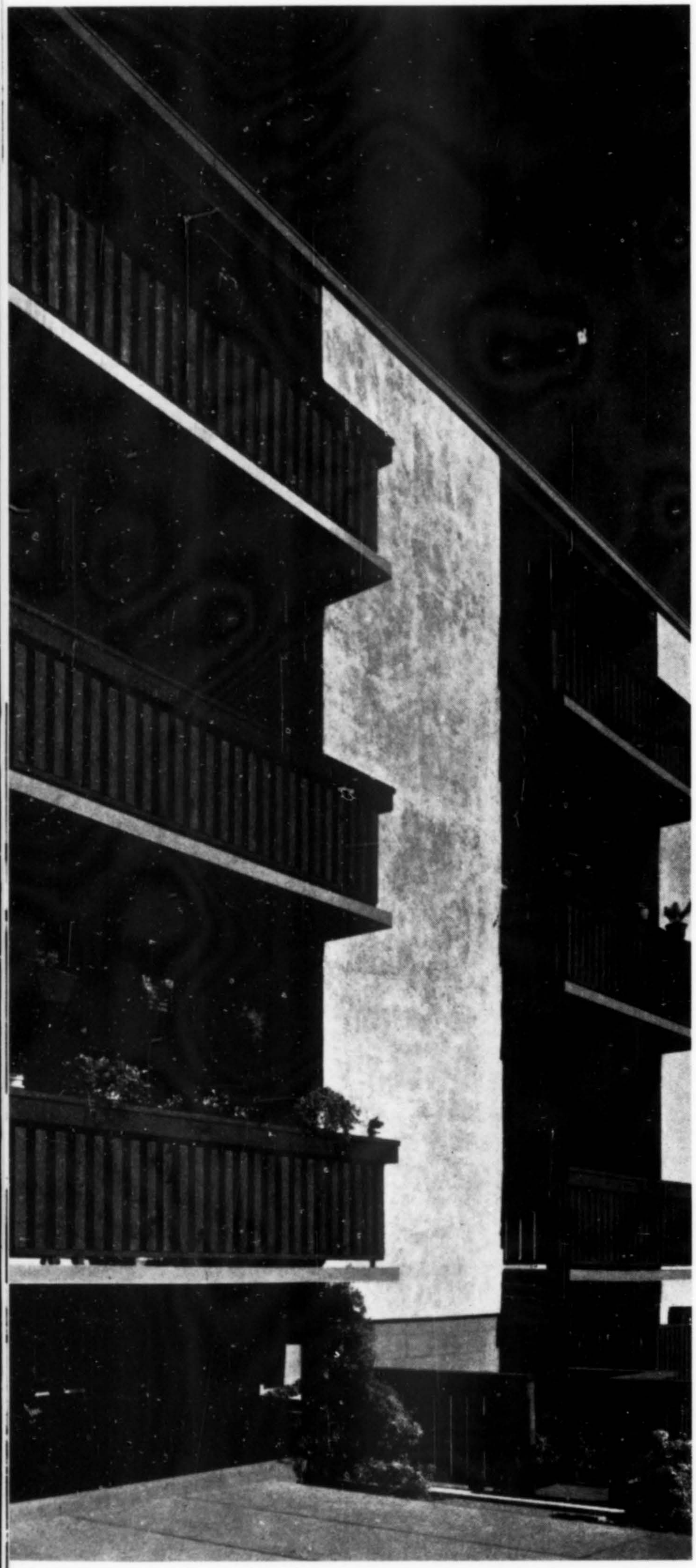
Still, even in its rather ruinous condition, with fallen stucco, broken roof tiles and boarded windows, the hotel stands out as a vigorous architectural statement. A close and more detailed examination of the building reveals an intriguing synthesis of stylistic ideas which were current during the first two decades of the century. The basic form of the structure with its plain rough stucco surfaces and its almost complete elimination of moldings around doors and windows is highly reminiscent of the neo-Rationalism of the California architect Irving Gill or of the work of the Austrian architect Adolf Loos. On the other hand the low pitched gable roofs with their extensive overhangs, projecting beam ends and exposed rafters are similar in spirit to the bungalow houses of the brothers Charles and Henry Greene of California. The few purely historical details such as the row of arched openings of the veranda, the brackets which support the small balcony on the northeastern side, the three cast stone ornaments on the same side and the stepped parapets are lightly submerged in the overall mass of the building, and in no way do they dominate the design. This same straightforward approach to design also occurs in the interiors, where a few stained glass windows form the only significant non-structural embellishment.

From an historical point of view the Las Chavez Hotel represents a significant and at the same time a rather unknown aspect of early twentieth-century architecture. It aptly demonstrates that the "progressive" designs of Frank Lloyd Wright, Irving Gill, Bernard Maybeck and the Greene brothers were not as unique as we have come to think of them. For it is slowly coming apparent that during its first years the early modern movement in American architecture had come very close to establishing itself as an accepted vernacular tradition. When a history of the architecture of these decades (1900 to 1920) is finally written, the Harvey Houses of the Southwest will unquestionably occupy an important place.

"... these ... railway station-hotels do not belong to the Spanish Colonial revival phase of American architecture, but rather they are decidedly an aspect of the early modern movement ..."



The El Navajo Hotel at Gallup entails the most vigorous modern statement. In the building one discovers horizontal and vertical grouping of windows, "cubistic" handling of walls and projecting balconies, and three tasseled pair of lights attached to the main block of the building, all of which were design motifs which had become the vocabulary of the early modern movements in European and American architecture.



THREE APARTMENTS IN BERKELEY

ROGER LEE ASSOCIATES
Architects

Owner: Talero Corporation
Consulting Engineer: H. H. Wang
Landscape Architect: Frank Shinoda and Tak Sakanashi

I
FOUR CEDARS APARTMENTS

III
RAPA-NUI APARTMENTS

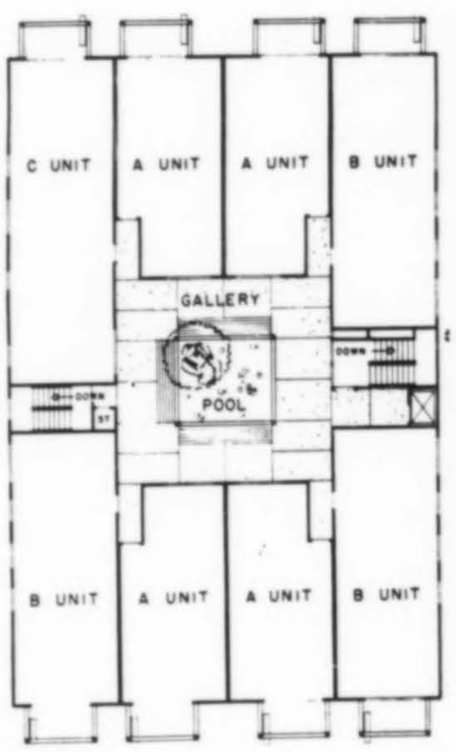
Owner: Talero Corporation
Consulting Engineer: Jack Kositsky
Landscape Architect: Bob Murakami

Owner: Dr. and Mrs. Fernando Alegria
Consulting Engineer: H. H. Wang
Landscape Architect: Tak Sakanashi

II
ANGA-ROA APARTMENTS

II

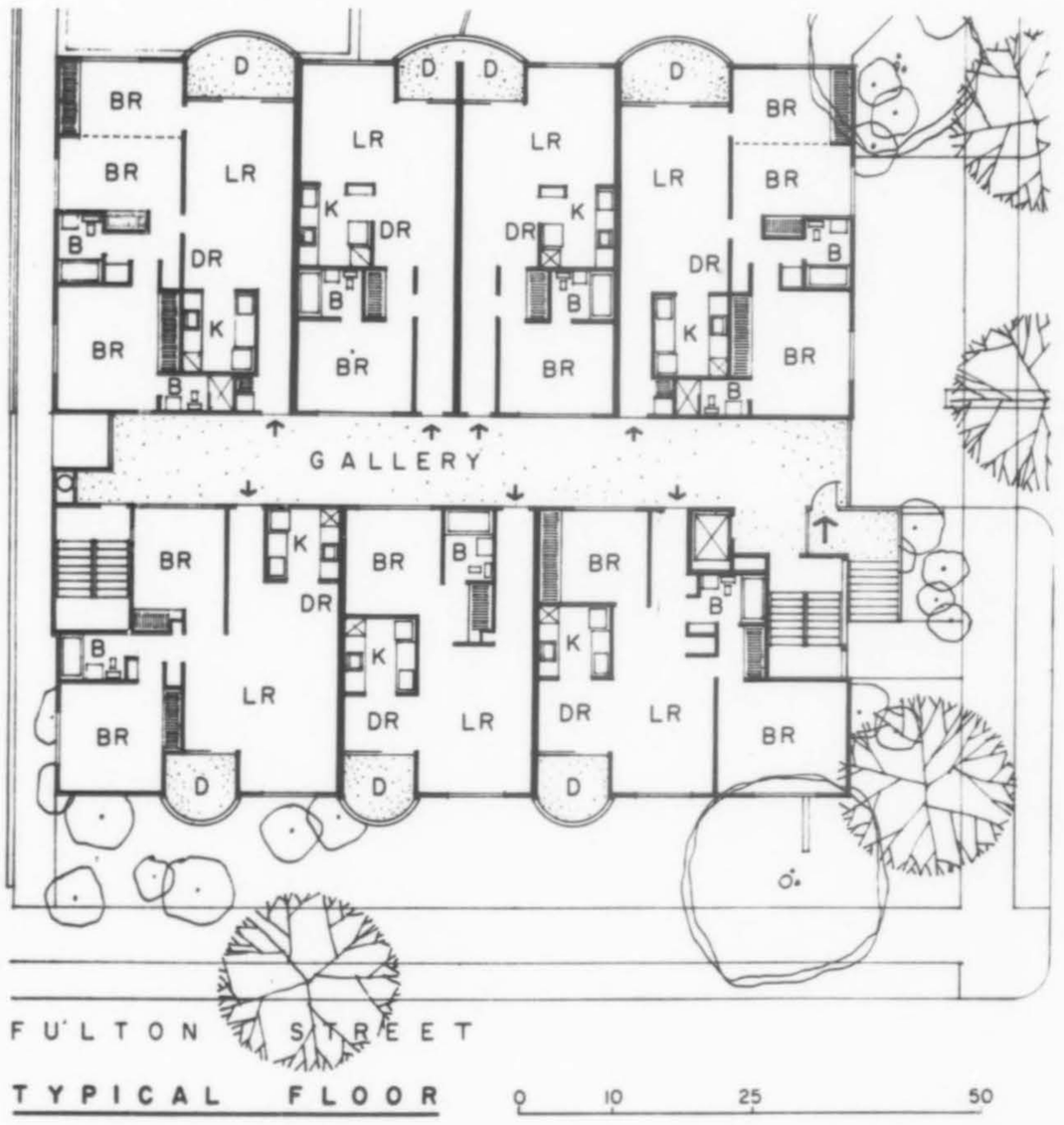
Key element in achieving the variety employed by the Roger Lee office in developing these apartment projects has been in the manipulation of the circulation corridors. Here in the Anga-Roa units, winner of a design citation in the 1963 Bay Region Honor Awards, a top-lighted center courtyard is the focal point. The gallery, on each of the three residential floors, has entries for four units on each of two sides; the other two sides provide separate stairs and one elevator. Almost single-residence privacy is provided for no tenant passes more than one entry before reaching his own front door.



Intimate character of entry to Four Cedars Apartments (Darryl Roberson, partner in charge) might lead to any well-designed single-family house. Interior public corridors likewise appear as large foyers, from which apartment units spin off in pinwheel fashion. Everywhere, the public circulation has been made pleasant and inconspicuous.

I

Photos by Joshua Freiwald and Roger Sturtevant



Circulation function is handled very directly in the Rapa-Nui Apartments where the main central hall performs as double-loaded corridor. Units are arranged differently on two sides so entry doors are not aligned.

III

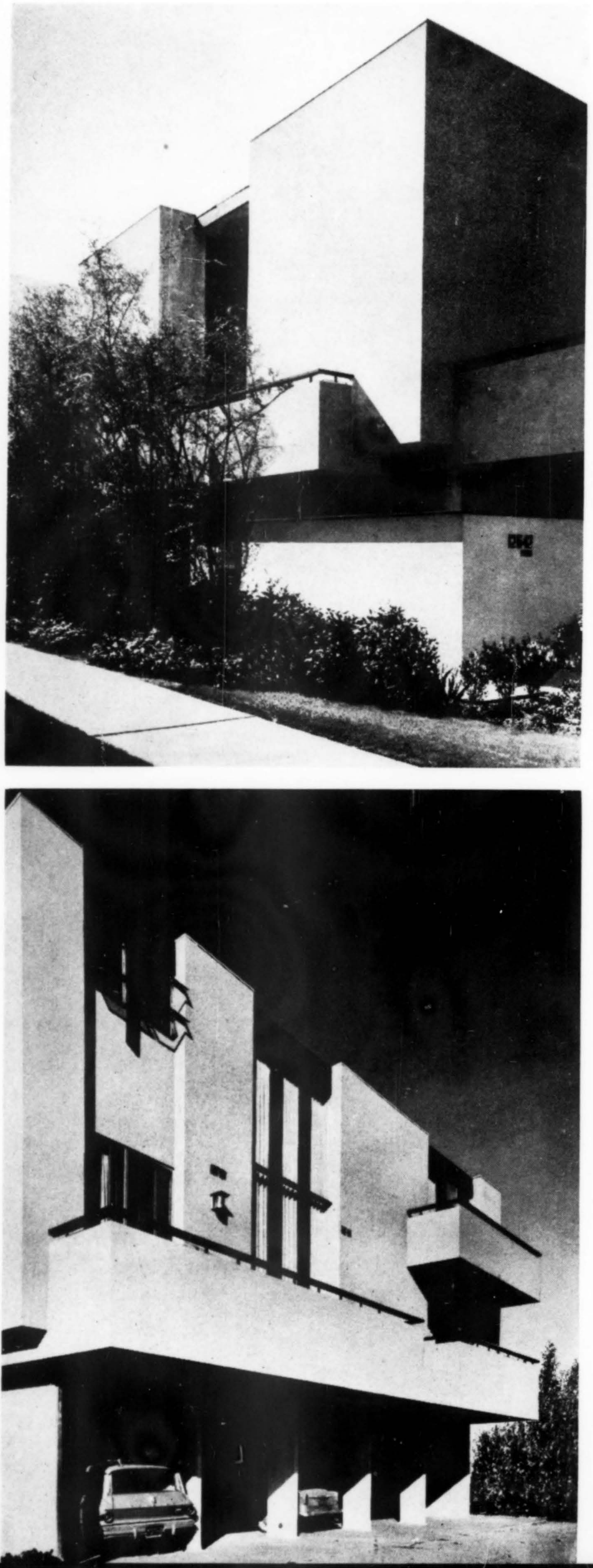
IN THIS AGE of volume building, it would seem self-evident that multi-family housing would provide amenities similar to those of our pace-setting private residences. But it is not so—and, therefore, this month's examples from the city of Berkeley are all the more outstanding.

Three apartment groups by the Roger Lee office are featured here. Notable for the varied planning solutions for public circulation, these groups show similar concern for their private outdoor areas—both courts and decks. All above-grade units have decks at least partially recessed into the building masses, or have decks with solid railings to afford greater privacy. Weather protection and shadow relief for the large but simple building masses are the resulting dividends.

Good landscaping enhances these projects; parking is concealed below-grade in all cases. Stucco and stained wood are used consistently.

It is no wonder that Berkeley's bustling student and faculty population keep these units in great demand. ■

Ground-floor living unit with private patio. Room opens through sliding doors onto a wood-frame "engawa" and from here a concrete terrace in the garden itself is readily accessible.



MOORPARK APARTMENTS

many-balconied studio units in Los Angeles

CONFRONTING the architect as he tackled this project were the ever-present design challenges: the achievement of the maximum allowable density for the developer, and the provision of requisite privacy for prospective tenants. A highly-introverted scheme where all second floor apartments are studio units having upper (third) floor bedrooms has been designed. This eliminated the need for an elevator.

Conventional framing methods have been employed. The code requirement of 1-hour fire resistance is achieved by the use of plaster throughout. Such a construction system is economical for it does not require close-tolerance workmanship. The deft hand of the architect has molded these basic materials into a bold sculptural composition. The positive massing provides strong shadows in Southern California's famous sun.

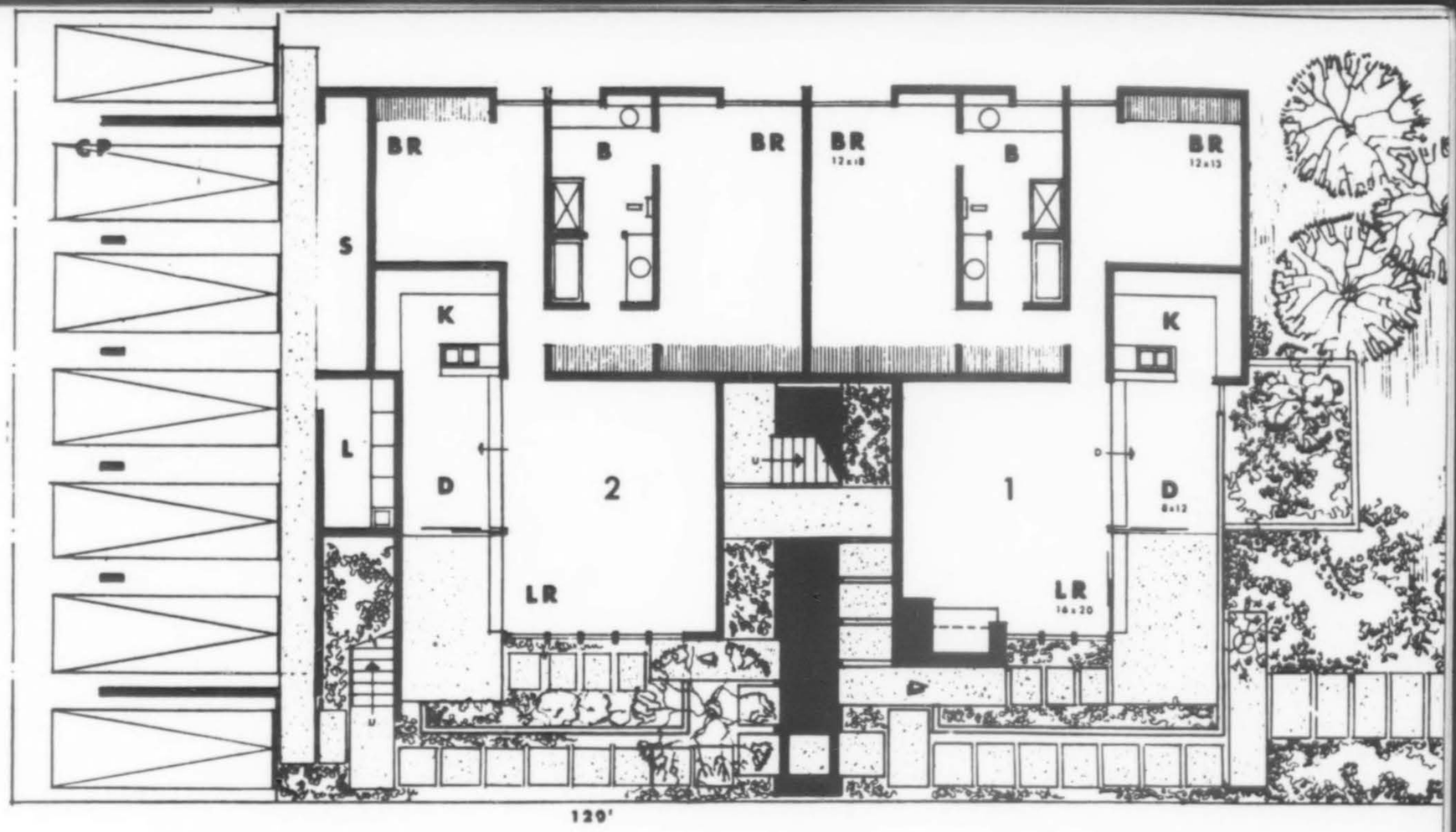
The Moorpark Apartments were honored with a 1964 award in the AIA-Homes for Better Living competition.

Arthur Levine was the structural consultant. ■

Kent Oppenheimer photos

RAYMOND KAPPE
Architect

C & C DEVELOPMENT CO.
Contractor



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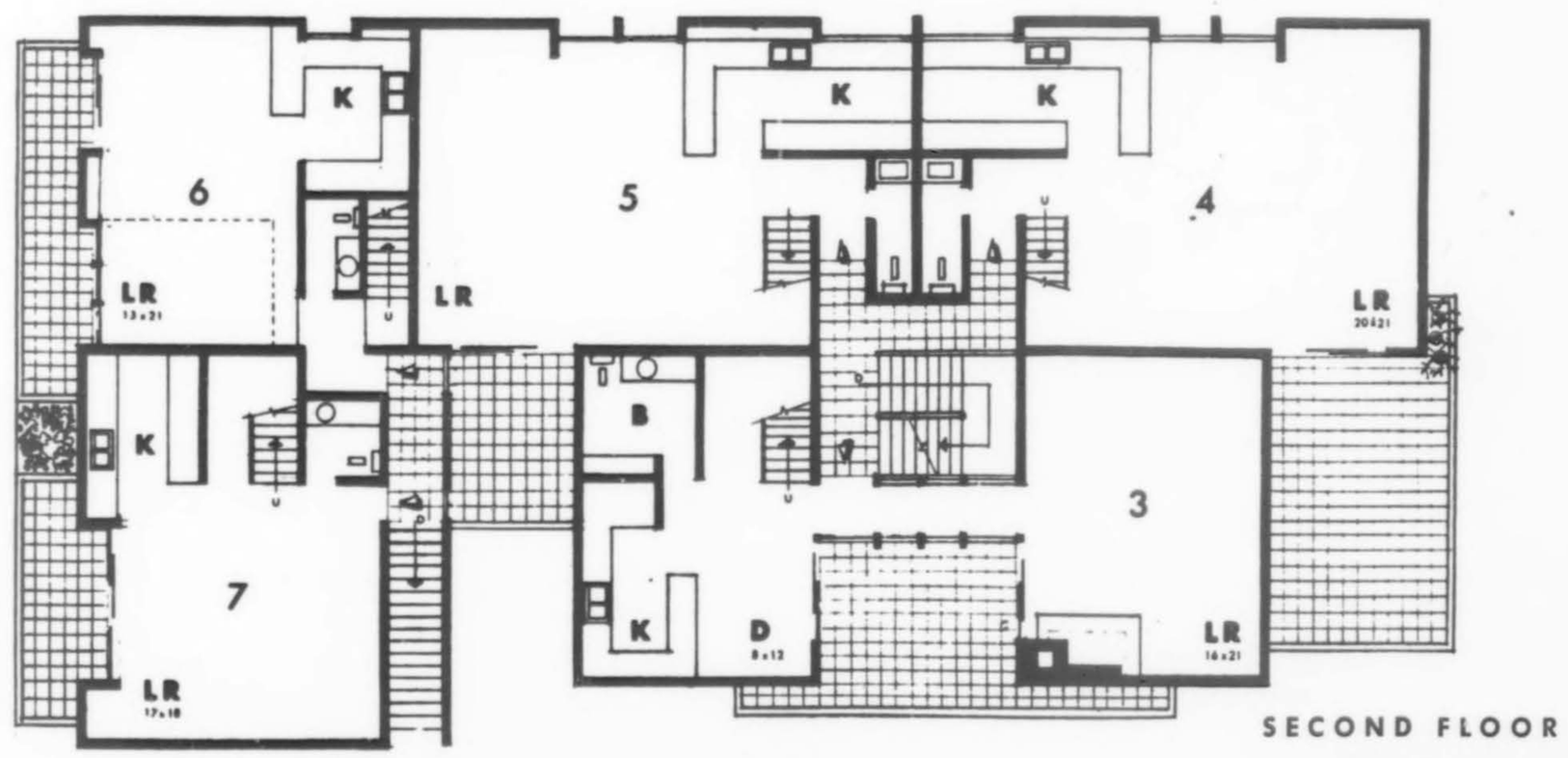
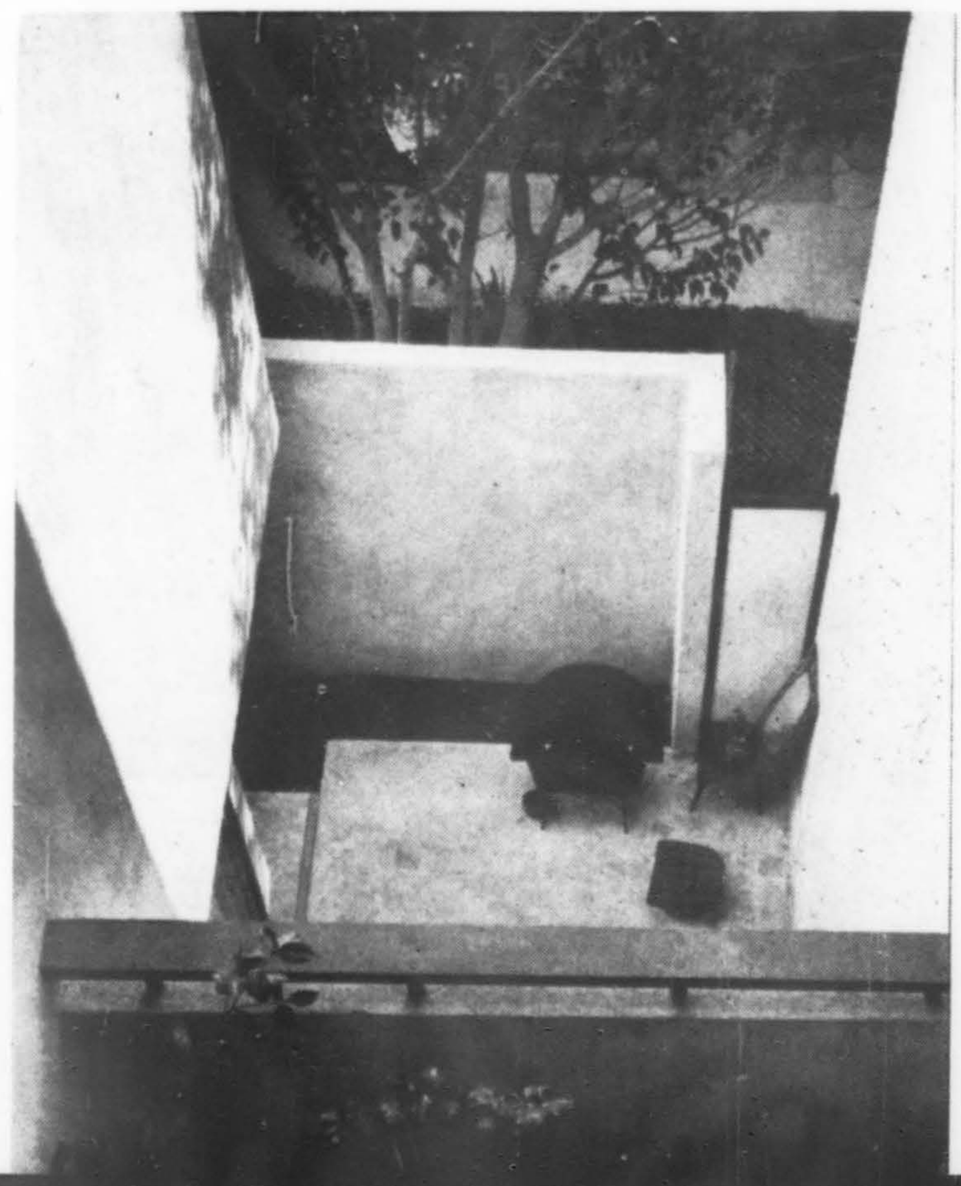
FIRST FLOOR



SECOND FLOOR

Not shown:

Third floor plan of balconied bedrooms.



Beinlich pnotograpns

THE BURGEONING POPULATION of the Southwest has brought about a building boom sometimes better known for waste than taste. But the exception is evidenced in these sophisticated apartments designed on a disciplined 16'x16' grid of laminated posts and beams.

Concrete masonry units form the exterior and party walls. Noteworthy is the shade screen material spanning the beams: a nylon fabric (Lumite) considerably used in the area to offer sun protection for landscaping. Cement plaster and plywood are part of the carefully articulated wall pattern on the entry sides of the units.

A generous, almost monumental, public corridor sets a very positive character to what in reality is a pedestrian street. The swimming pool, glimpsed from this circulation loggia, is not otherwise seen from the individual apartments and is unusual for its privacy from other occupants of the 22 units.

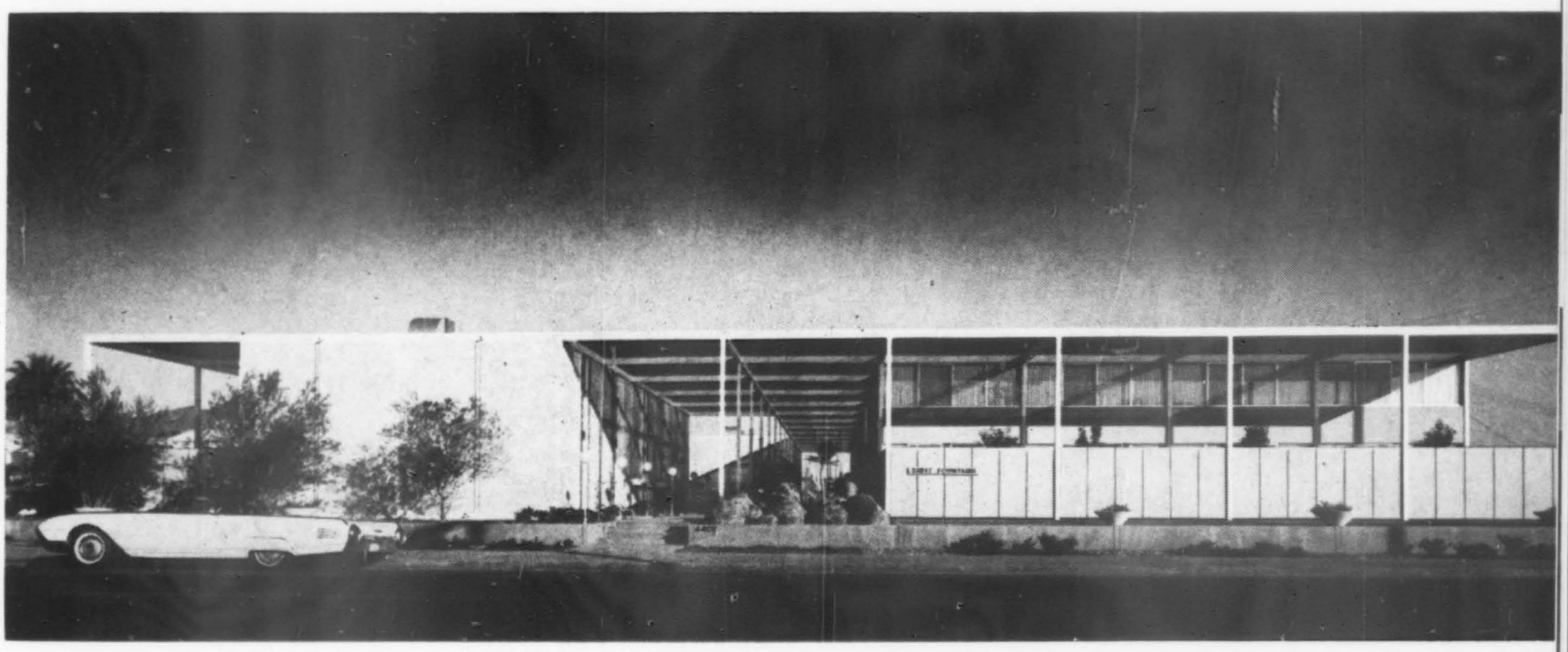
Landscape development designed by the architects enlivens the flat site (167' frontage x 660' deep). Sam Caruso, structural engineer.

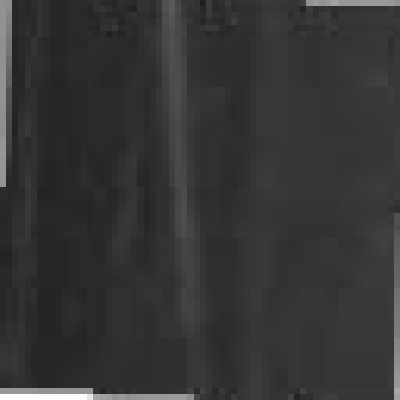
THREE FOUNTAINS APARTMENTS

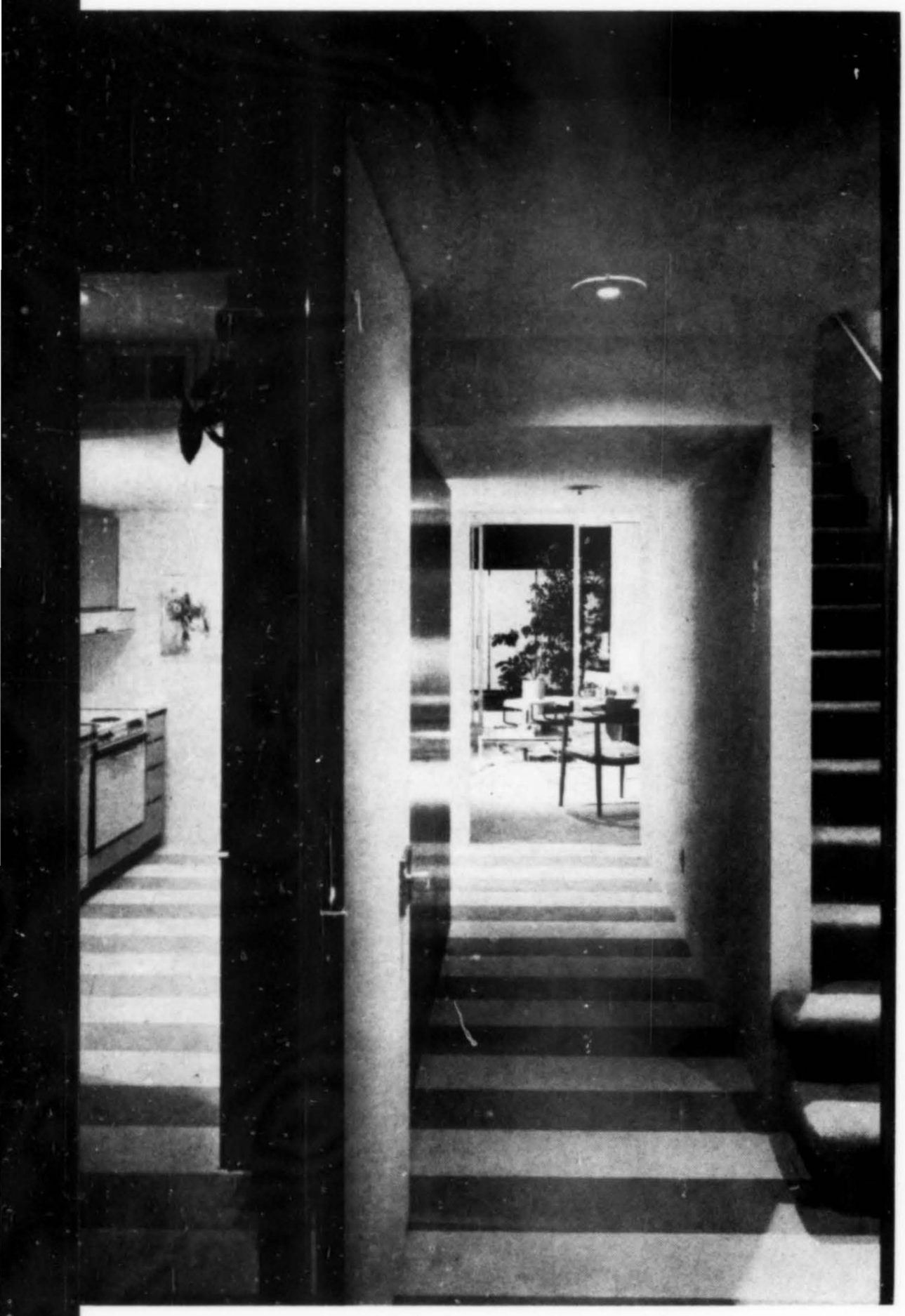
disciplined 2-story units in Phoenix

ALAN A. DAILEY ASSOCIATES
Architects

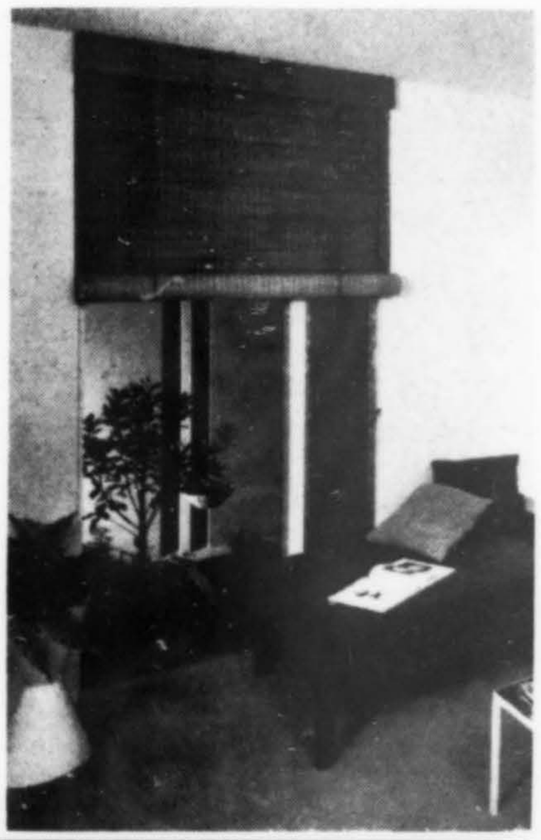
BRAGGIOTTI CONSTRUCTION CO.
Contractors



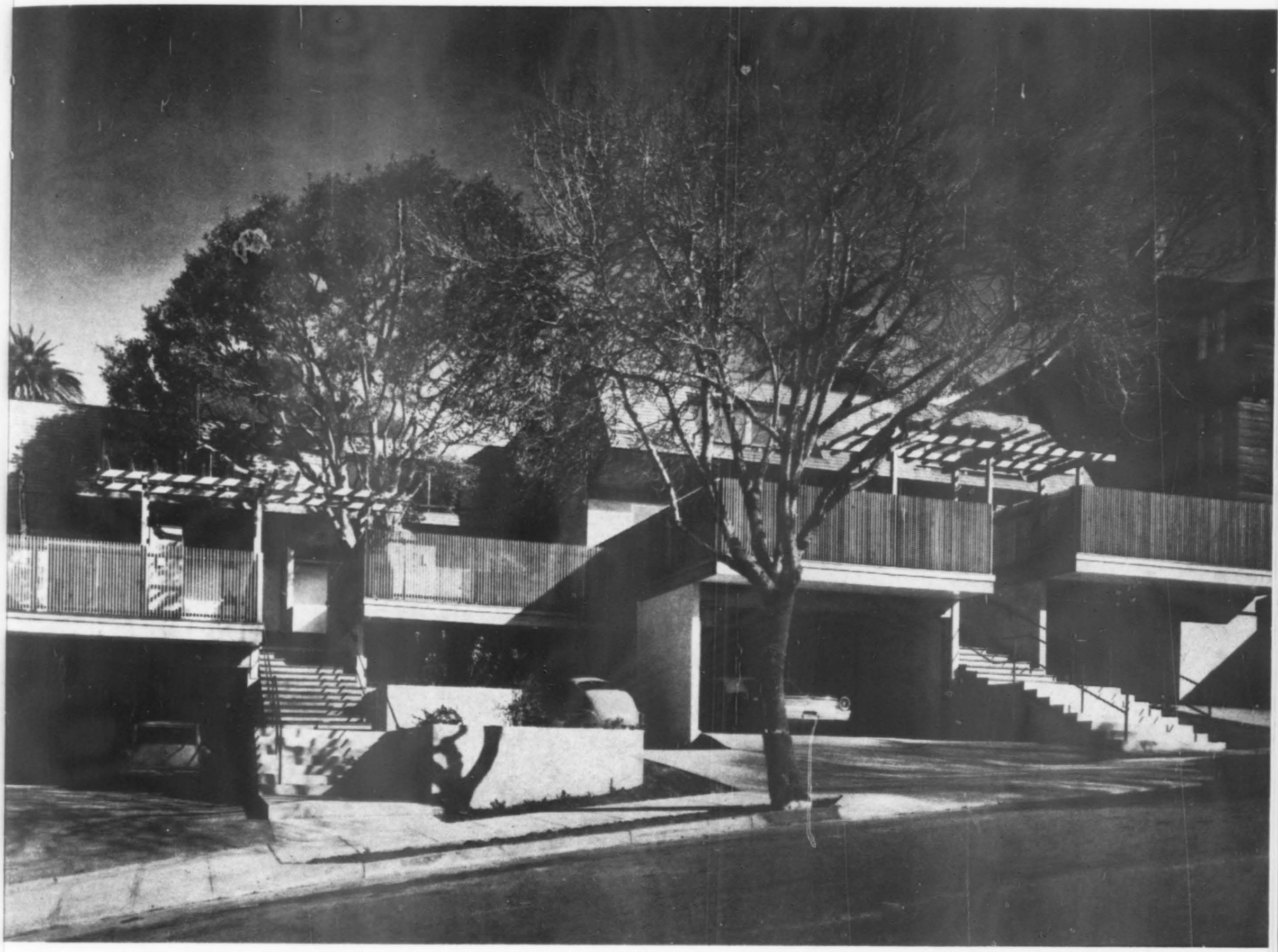




The two-story scheme provides two bedrooms and bath on the upper floor, with a private enclosed courtyard occupying one 16-foot square module to the rear for the lower living room. Interiors are thoughtfully designed and detailed with acrilan carpeting and striped vinyl floors. Neutral casement draperies are supplied at the windows. Apartments are available either furnished or unfurnished.



THREE FOUNTAINS



HILGARD TOWNHOUSES

condominium units in Berkeley

TUCKER, TULEY & HARMS
Architects

HUGO MULLER, JR., INC.
Contractor

Morley Baer photos

THE CONDOMINIUM principle made it possible to have four ownerships on this one site. Zoned for low density but possessed of an expensive price tag, this property was not feasible for rental development. As a consequence, a sales program of individually - owned townhouses, 2000 square feet per unit, was developed as the only workable program for the site.

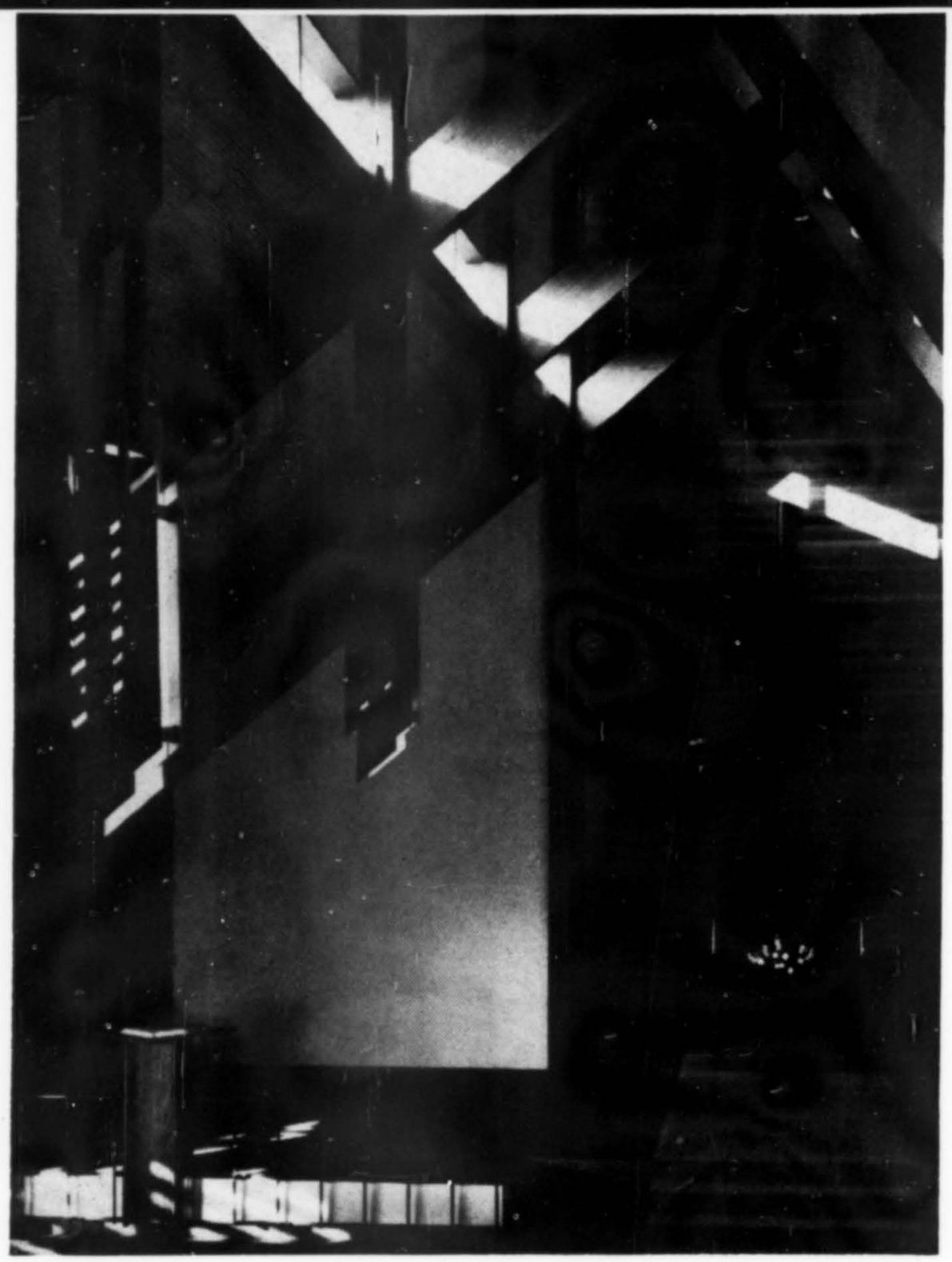
Updating the long existing townhouse tradition found in the Bay Region, two major changes were made from the true party-wall plan type. The living room is placed to the rear where it can run full width. In keeping with the much newer West Coast emphasis on outdoor living, these townhouses have outdoor spaces developed to both the

HILGARD TOWNHOUSES

front and rear: a deck over the lower-floor garage serves the family room at the street side; to the rear, a patio complements the living room.

Exterior materials are stucco cased with natural redwood boards. Greater privacy is provided between the bedrooms of one townhouse and the outdoor living spaces of the adjacent townhouses by the recessing of upper floor windows into the shingled roof form. Such privacy is often difficult to obtain in rowhouse planning. Closets for the three upper-floor bedrooms are also contained within this roof profile.

Construction cost, approximately $13.50/square foot, covered such items as masonry fireplaces, teak kitchen cabinets, redwood veneer doors, and extensive outdoor living facilities enclosed with redwood louvered fences. The architects' site layout conscientiously honored the existing trees; further landscape development was under the supervision of George Nickols. Interior furnishings in the model unit are by McGuire Company.

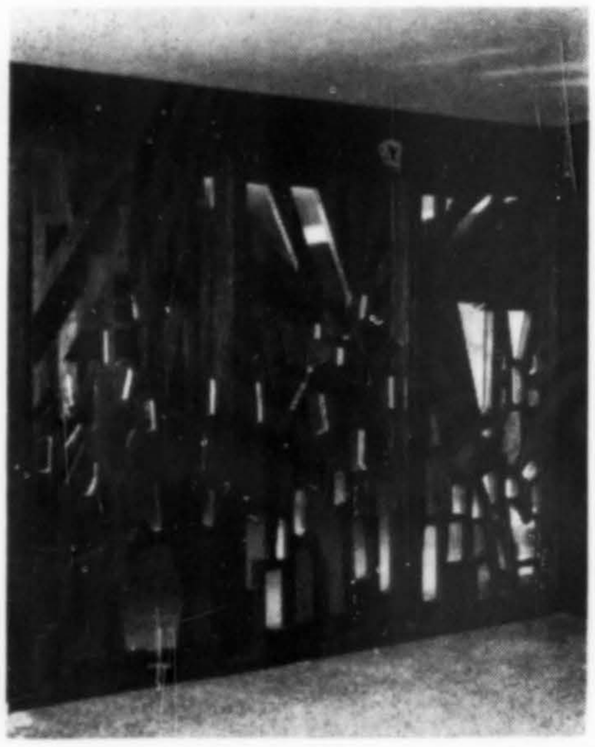


Design/West

INTERIOR FURNISHINGS,
CONGREGATIONAL CHURCH
Kirkland, Washington

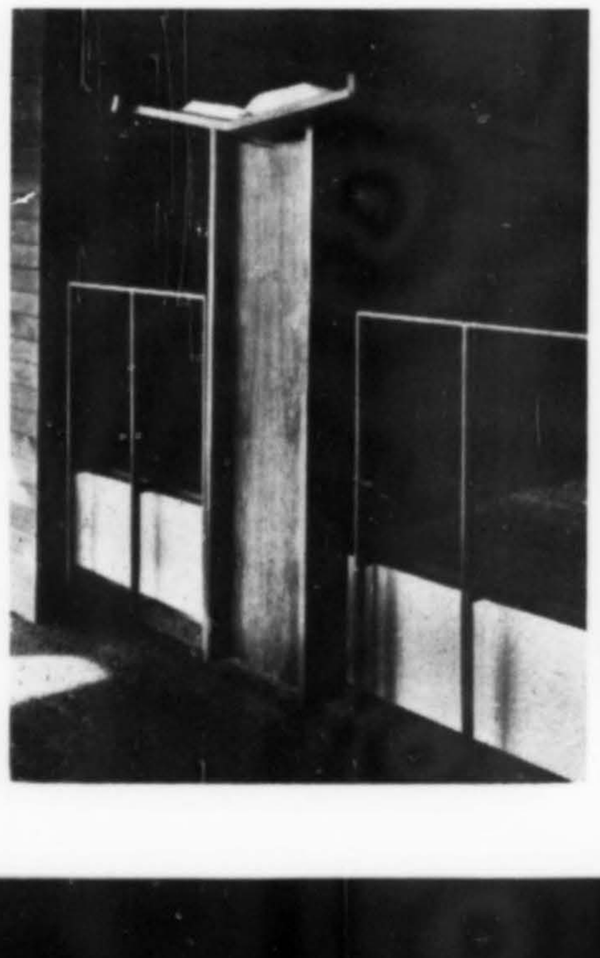
Architects:
CUMMINGS & MARTENSON

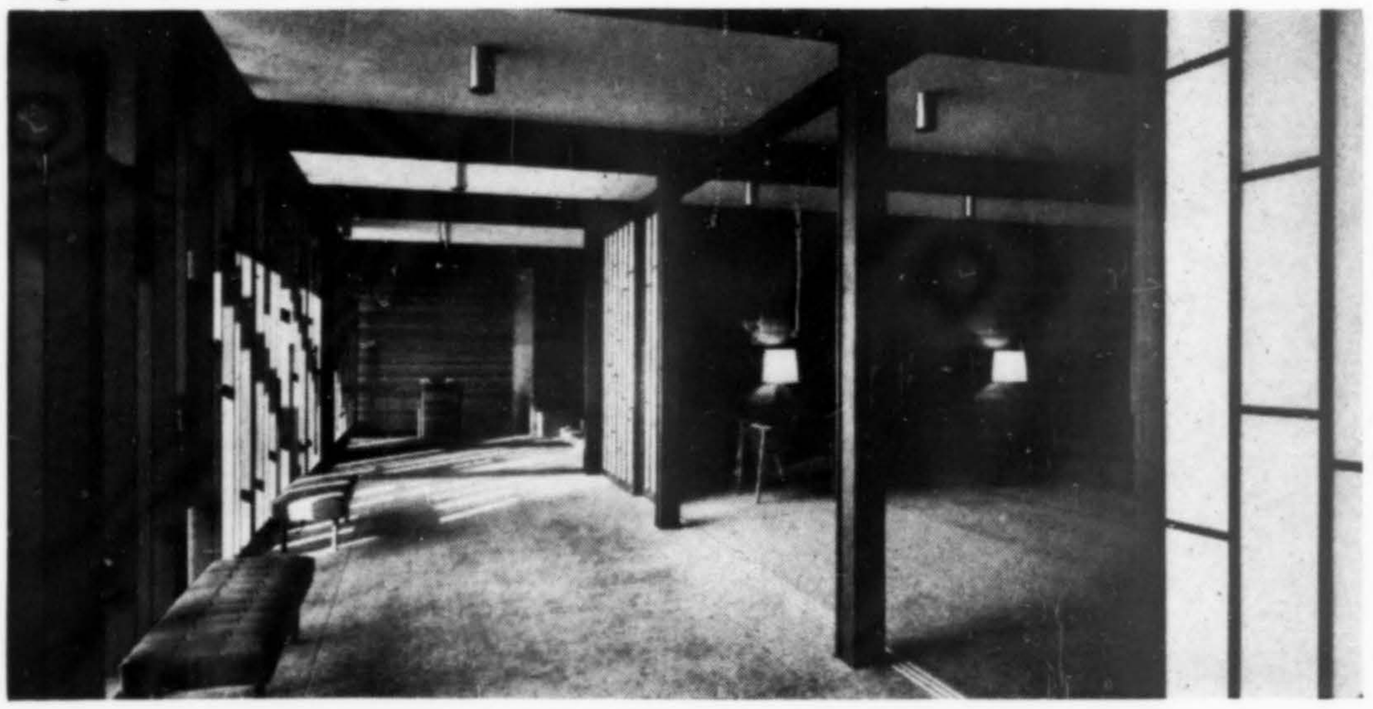
Interior Designer:
ARTHUR MORGAN DESIGNERS, INC.



Distinctive lighting fixtures, designed by Alvin Dreyer, complement walnut furnishings. Walnut cross is mounted out from wall of chancel with brilliant orange-red carpet runner terminating at altar-table. Walnut and stained glass panels, executed by William Radcliffe, are either side of entry doors. Walnut pulpit is located at raised portion of chancel. Colored glass walls brighten entry court and corridor. Shoji screens separate lounge, fireside room, library.

Hugh N. Stratford Photos





Inviting Atmosphere for Worship

Art and architecture of the church should represent a creative search for a satisfying expression of religious faith and experience.

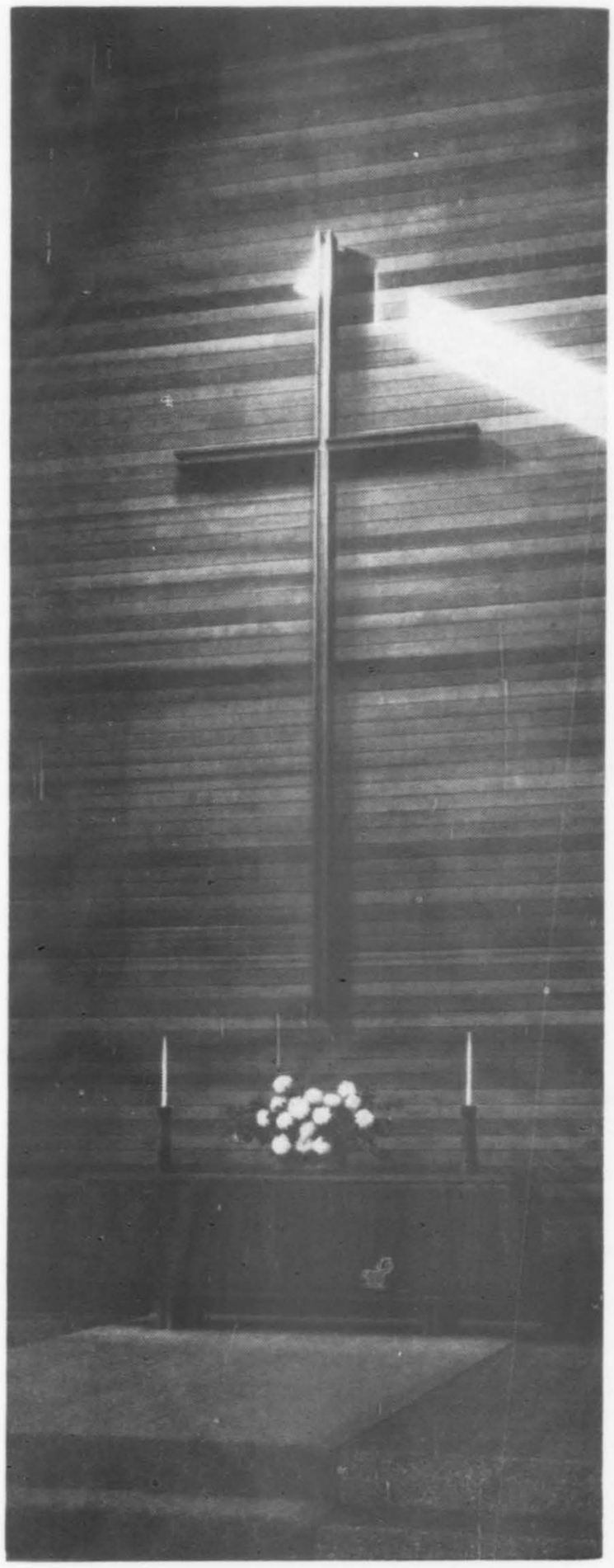
WITH THIS BELIEF in mind, the architects began major renovations to the existing church building along with an extensive new construction program. Emphasis was placed on the minister's desire to more closely relate to the congregation. The open lectern-type pulpit exemplified his desire to present a sermon from the entire chancel.

In the lounge and narthex, textured plasterboard ceilings and cedar walls add warmth to each area. Floors in narthex area are of paving brick; the lounge is carpeted. Cedar and brick walls are repeated in the nave and chancel with textured plasterboard aisle ceilings, cedar sloping ceilings and exposed aggregate floors with a brilliant orange-red runner down the center aisle. In the narthex, a walnut guest register and table are mounted on the wall. The register, assembled with teak dowels, is removable for use as a portable lectern.

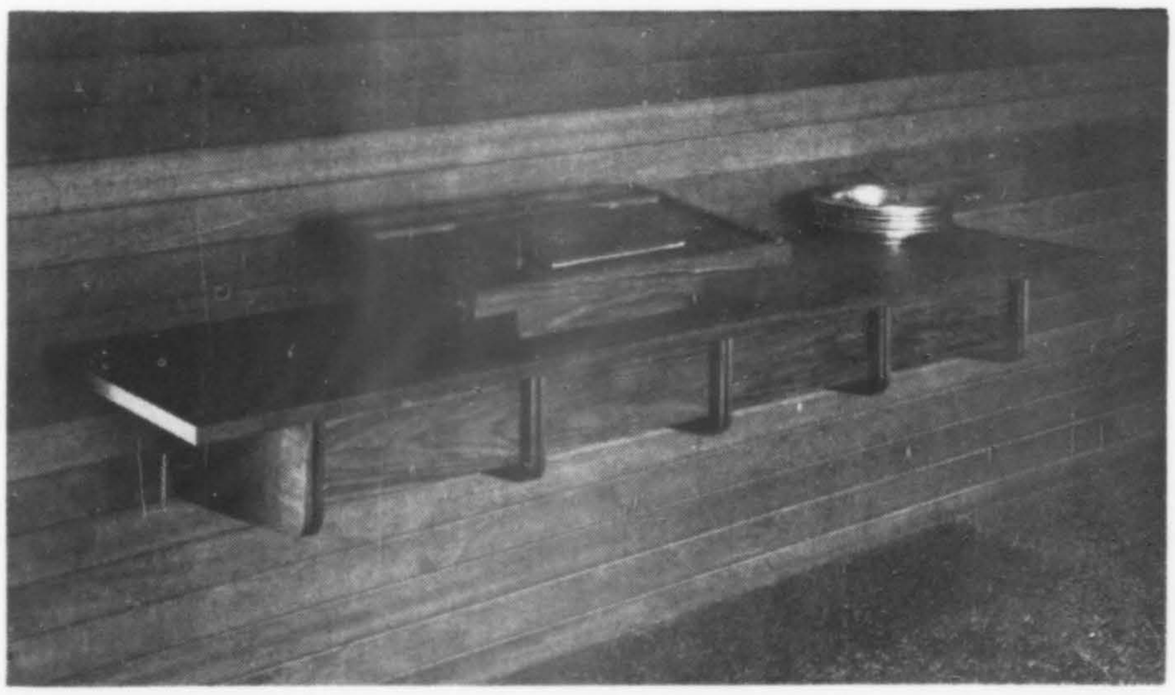
The walnut pulpit is located at the raised portion of the chancel. Upper side rails are set out 1½-in. with teak dowels. Incorporated in the pulpit are a buzzer system, public address system and light control. Horizontal cedar siding on the back wall terminates on the left with 40-ft. high colored glass in alternating amber colors. All chancel, nave, narthex and chapel furniture and entry door pulls were designed by the architects and executed by Ransom and Baab.

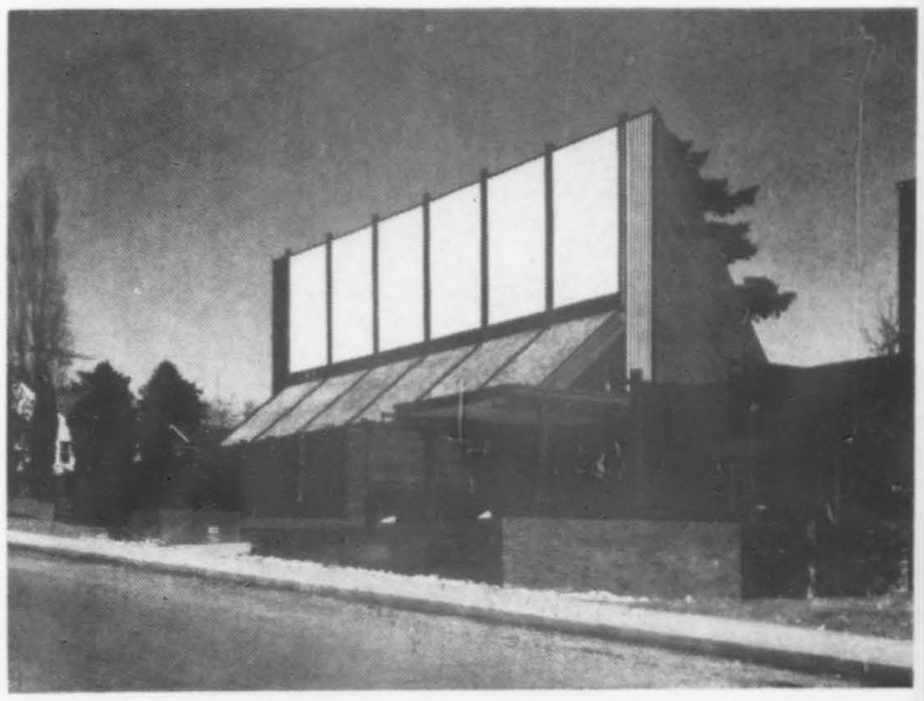
Orange-red carpeting is repeated in corridor and lounge, complemented by honey-gold benches adjacent to windows, orange naugahyde covered walnut chairs and french rosewood tables in the lounge.

Enough savings were effected so that there was a surplus left in the building fund after bids were let. The church has agreed to reserve a large portion of this excess money for the incorporation of art, art work or art forms into the overall religious program.

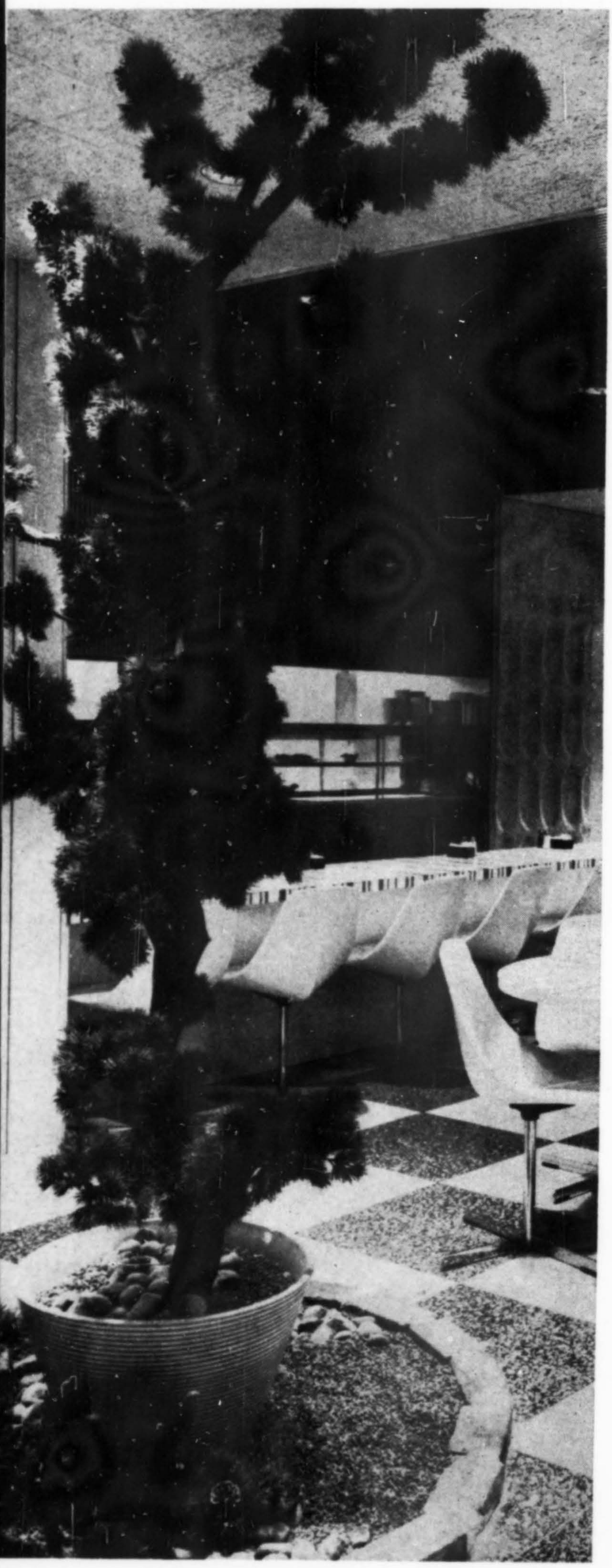


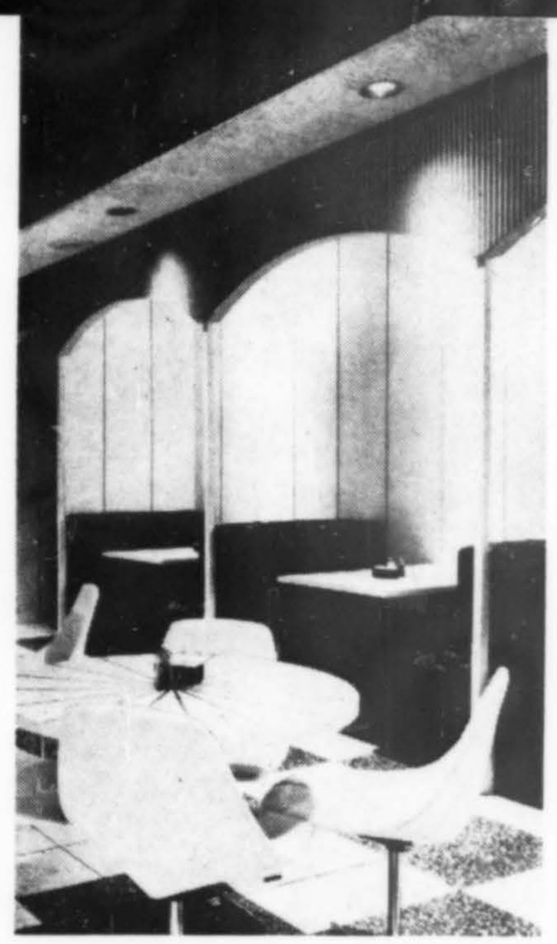
Main entry of church is in center of photo below with the remodelled existing building to the right and new nave on left with screened nave to street side. Exterior materials are cedar siding, brick and stucco.





PRODUCTS IN ACTION/*Restaurant Finishes*





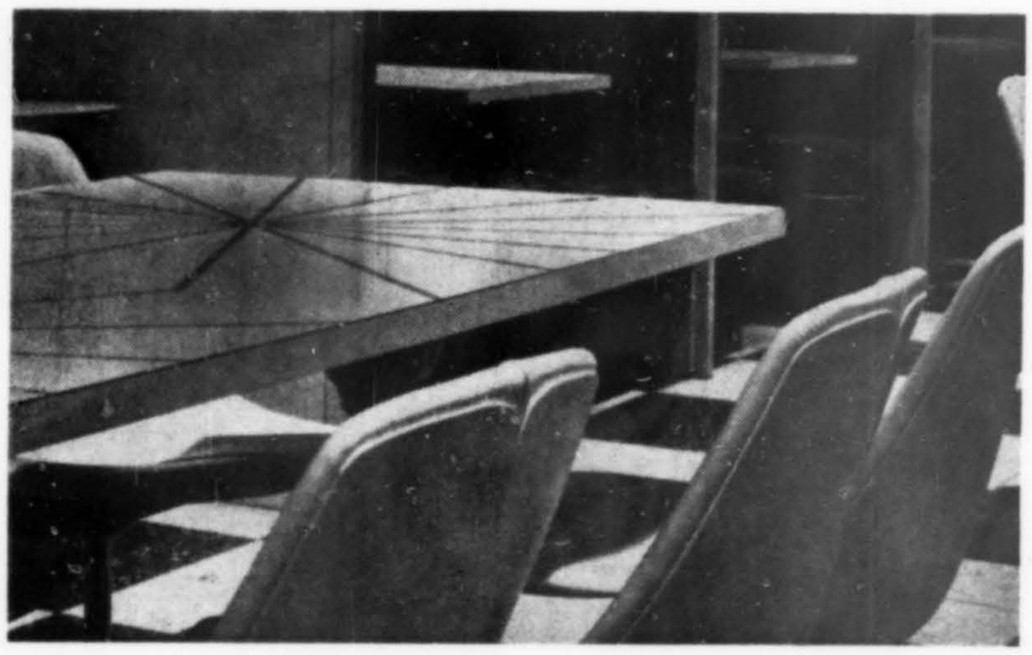
Floors are high pressure stone Trevi-Tile, counter and table tops of Formica, walls of Formica Vertical Interior Paneling; contemporary seats by I.V. Chair Corp.; wall mosaic at left by Walter Graham Studios (and the artificial tree by Al Hansen).

HERE IS HOW one designer approached the always-difficult problem of creating a dual purpose restaurant atmosphere that is light and bright enough for the luncheon trade, yet sophisticated enough for dining.

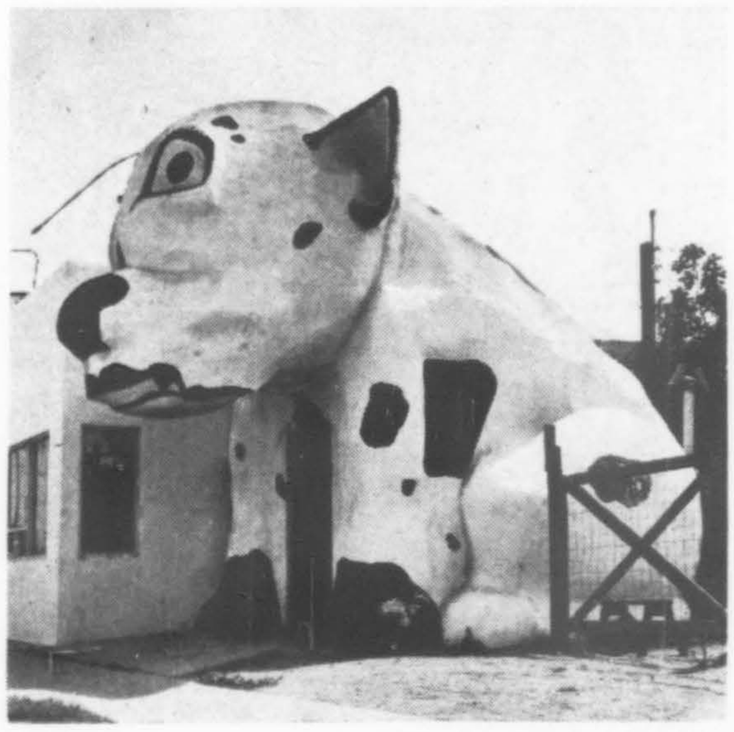
The no-tablecloth interior has raspberry-striped white counter and table tops over a floor of foot-square blue and gray tiling, with ochre strata plastic wall paneling—all pleasing to the eye and all with "wipe clean" surfaces to lower the maintenance problems common with high traffic. Life-like artificial plantings, contemporary seating, low lighting add the necessary softness.

Bull 'N Bear Restaurant, Seattle; interior remodeling by Burhans Design Associates.

Stearns photos



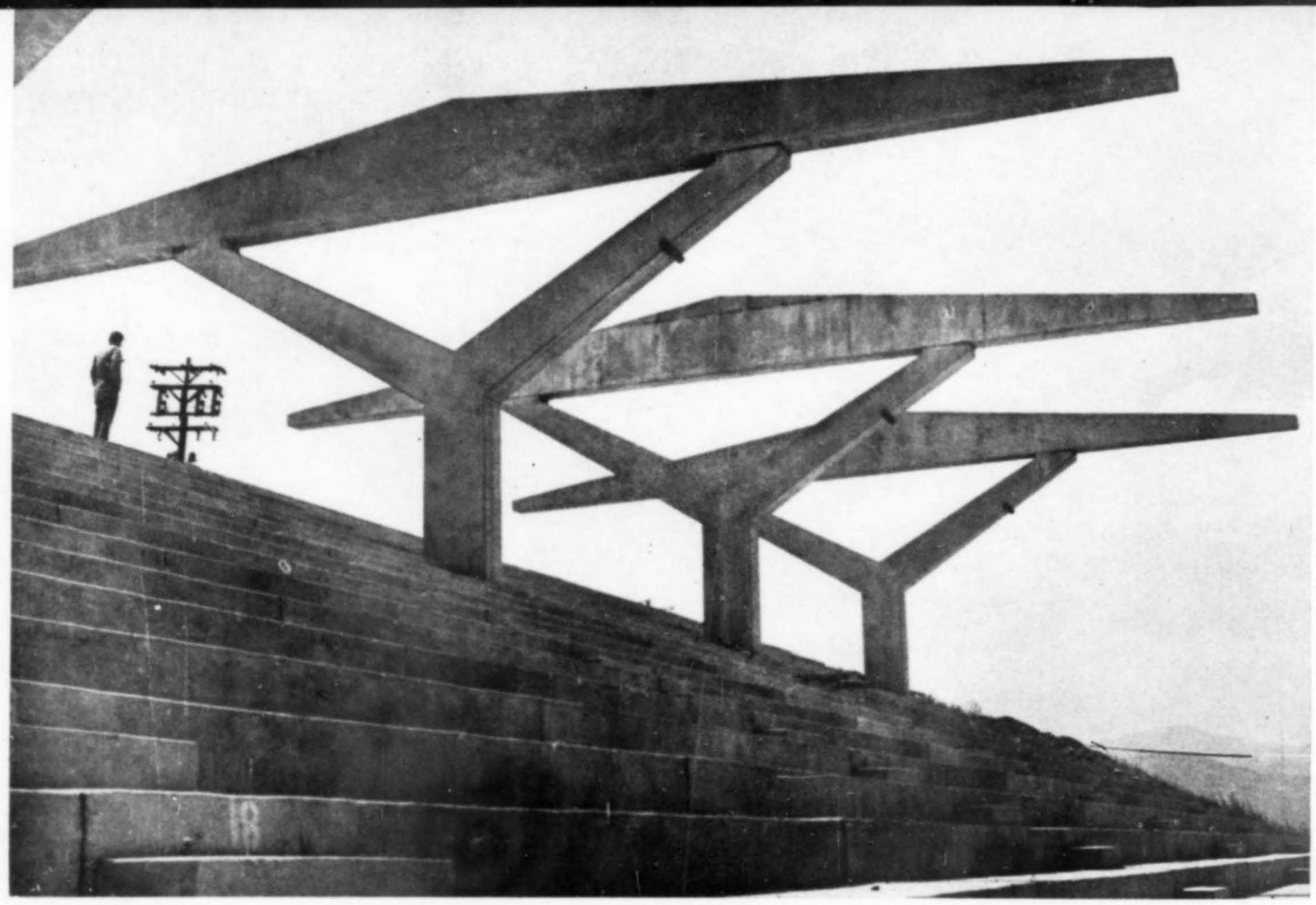
POP ARCHITECTURE?



Photos by Art Ronnie

POP ART has become the new direction for avant garde painting. For those architects who feel, loyally, that architecture is the Mother Art, we offer these examples of POP ARCHITECTURE, Circa 1930, Los Angeles.

(Reprinted courtesy Los Angeles Herald-Examiner, who editorialized ". . . they all contribute to LA's wonderful personality.")



Bumbershoot Technically Is "Perfect Structure"

METHODS and MATERIALS/*Precast concrete*

A JAUNTY new umbrella held aloft by five concrete "Y's" and considered a "perfect structure" in its engineered capabilities, protects the Jefferson County Fairgrounds grandstand west of Denver.

Designed and supervised by architect Edward A. Divelbiss of Lakewood, the gracefully cantilevered unit is regarded by architectural engineers as a perfect structure—simple, attractive, functional and economical.

To the engineer, the roof system offers both technical and esthetic appeal. To the county, it represents low-cost, minimum-maintenance functionalism. To spectators, it provides shade and shelter virtually wherever they are seated, with no impairment to field of vision to the arena below.

The roof system (160 ft. long, 60 ft. wide) physically spans only about half the 2,700-seat bleachers. But because the architect oriented the roof with reference to the sun, its shadow is cast over every corner of the bleacher section from early afternoon. Catalina Constructors of Golden, Colo., performed the work as lowest of 10 bidders on the project, which initially had a $35,000 budget. Thanks to design and engineering techniques, and to the use of precast concrete, the low bid was only $27,000—equivalent to $10 per seat!

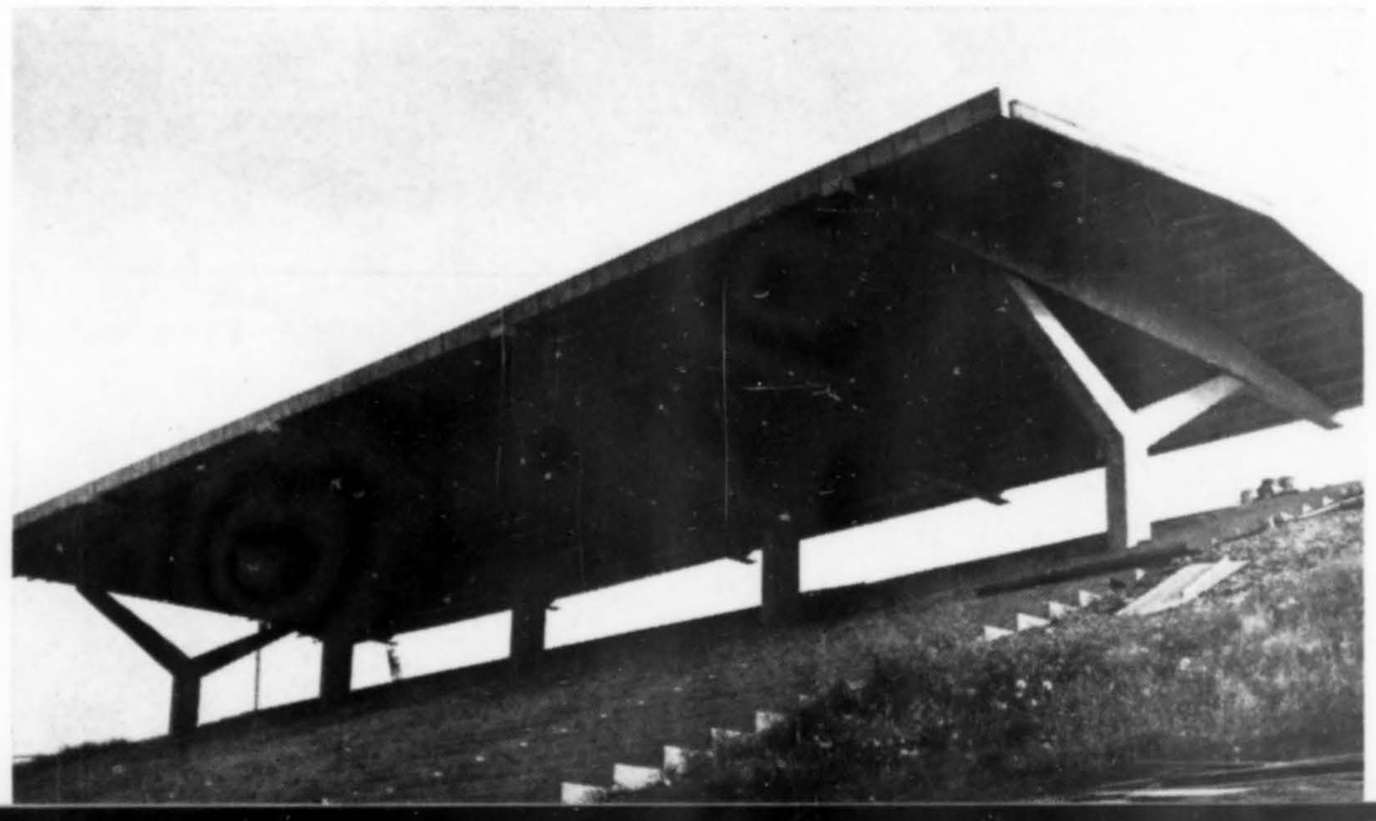
To support the five "Y" columns, spaced 34 ft. apart, the bleacher slab was pierced and concrete piers were sunk 19 ft. including a 5-ft. penetration into bedrock. From the piers, four No. 185 steel reinforcing rods extended upward 12 ft.

The concrete "Y's" were cast on site, each with four voids or slots in the trunk. Then they were lowered by a crane onto the piers, the reinforcing rods being guided upward through the corresponding voids. Each void then was fully grouted.

Next, 62-ft. long tapered cap beams were set atop the arms of each "Y" and grouted into place. The final step was to place 40 prestressed concrete twin-tee panels, each 6 ft. wide and 34 ft. long, on the cap beams to provide the solid roof covering. A precast concrete facia was added to the opposite perimeter of the roof to form built-in, maintenance-free guttering.

"It's very nearly a perfect structure," says the architect. "We have a combined truss, rigid frame and beam system all interrelated and acting as a unit.

"The structure first of all acted as a cantilever tree for the dead load of the cap beam. After the cap beam was grouted in place, the structure became a truss to support the twin-tee roof system and the live loads. The mass of the structure contributes to its resistance to the severe wind loads."



PRODUCTS

simulated wood-grain panels

Fashion Grain, a new simulated wood-grain panel, is available in six patterns: colonial cherry, rustic pine, antique pecan, platinum walnut, Swedish cherry and tawny walnut. A wide choice of grains and color values are offered. A gypsum core protects against shrinking, warping and provides for fireproofed panels. The 4x8 panels can be sawed like lumber or cut to size by scoring and snapping the core.—National Gypsum Co. (A/W), Buffalo, New York.

simplified forming system

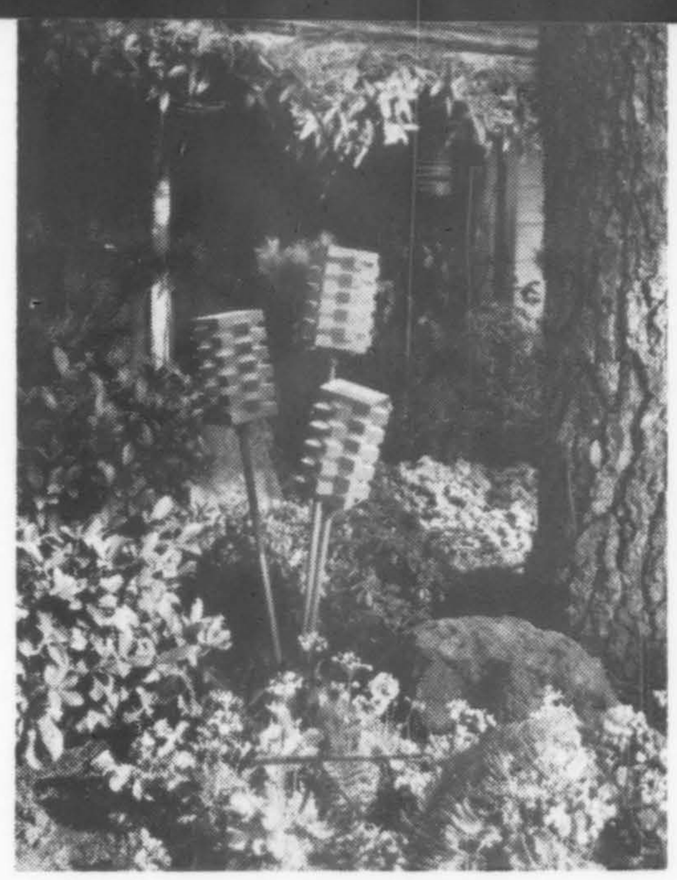
A simplified forming system, based on the use of the "SL" Clamp and ordinary plywood sheathing and 2x4s, may be used for straight, curved or battered walls. Standard Tie Holders are an integral part of the clamp. The sheathing is used without studs and lined up with single 2x4s. Little or no nailing is required, permitting reuse of either side of the plywood for the form face. The "SL" Clamp has more take-up than most systems to accommodate tightly and safely the variations found in 2x4s. The design allows assembly and stripping in unusually fast time.—Superior Concrete Accessories, Inc. (A/W), 2100 Williams St., San Leandro, Calif.

aluminum roof hatch

Spring-loaded hinges open the new Cook Type HW Roof Hatch as an interior handle is turned, aiding the maintenance man. An integral cant strip provides a solid footing to step on and holds the flashing firmly in position in the built-in flashing retainer. The hatch is of .064 gauge aluminum with heliarc welded joints. Walls and hatch door are lined with thermal insulation to prevent moisture condensation. Door handles on inside or outside, with or without locking features, are available. A skylight may be incorporated in the door on special order. Standard sizes range from 32x32-in. to 44x92-in., inside dimensions. —Loren Cook Co. (A/W), 640 North Rocky River Drive, Berea, Ohio.

two-lamp shallow light fixture

Dominaire, a two-lamp shallow light fixture has an apparent depth of only 1½-in. and simulates a panel lamp or recessed fixture without visible attachments. When used in rows, free flowing uninterrupted lines of light are obtained. The low brightness of the acrylic or styrene lens provides shadowless, non-glaring illumination. Lens may be hinged from either side. — Smithcraft Corp., (A/W), Chelsea 50, Mass.



landscape lighting

Landscape lighting designed to add color and originality to your garden is offered by Prescolite in their Lumalite series in a selection of shapes and sizes that will fit all garden plans. Featured is the permanent fixture underground outlet box mounting, requiring no splice-boxes. Colors range from green, mauve, red, charcoal, black, as well as blue, amber or green plexiglas inserts for some styles. Aluminum posts are finished in baked enamel. Wide variety of sizes in width and height are offered, either factory-assembled or heads only.—Prescolite Manufacturing Corp. (A/W), 1251 Doolittle Drive, San Leandro, Calif.

LITERATURE

Vertically Laminated Wood Beams (AIA-19-B-3). introduces a new product for light construction. The vertically laminated beams are kiln-dried. Included in the catalog are sizes, span tables, weights, connecting details and use suggestions for roof beams, floor beams and posts. Full color.—Weyerhaeuser Company, Box B 241, Tacoma, Wash. 98401.

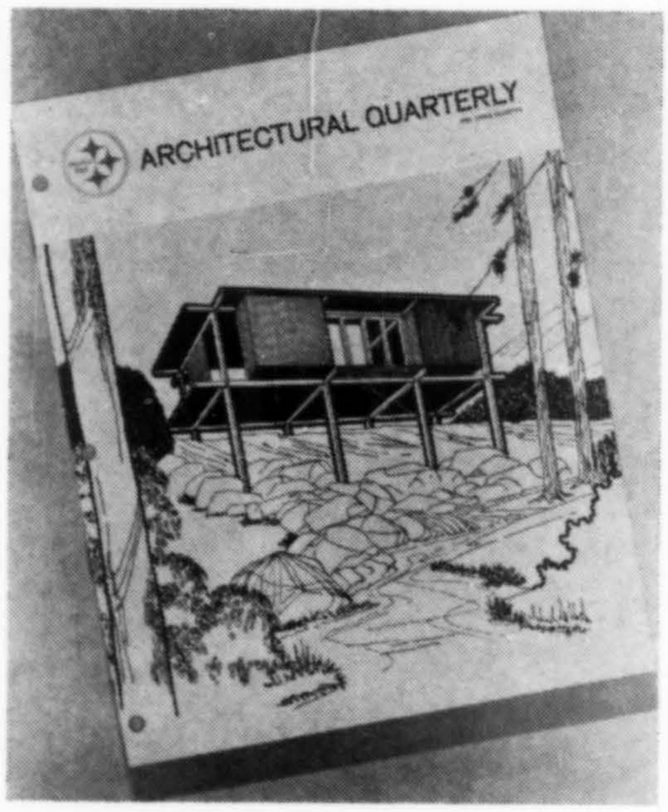
Saarinen Pedestal Collection: graphically illustrates the pedestal chairs and tables designed by the late Eero Saarinen in settings appropriate to their use. Specifications for dining and conference tables, coffee, side and occasional tables and chairs and stools include sizes, finishes and costs. 4-color.—Knoll Associates, Inc., 8936 Beverly Blvd., Los Angeles 90048.

Wade Modular Shower System (AIA 29-H-1): designed especially for school shower systems to provide maximum sanitation, air circulation, safety and durability. Excellent layout sketches and detailed drawings show systems and components available, performance and combinations possible. Specifications for the stainless steel wall-mounted modules are included.—Wade, Inc., 2021 N. 25th Ave., Franklin Park, Illinois.

Air-Flo Automatic Sliding Door Closer: details slim-line pulley-air valve-piston door closers, laboratory tested, for use on automatic sliding doors. Lists quietness, convenience, economy, ease of installation. Architectural specifications are given for the precision engineered, anodized closers which carry a one-year warranty. Many typical installations shown. 4-pp.—U. S. Products Co., 1423 South 28th St., Phoenix, Arizona, 85034.

Footcandles in Modern Lighting: helps guide lighting designers and users in the selection of footcandle levels appropriate to particular seeing tasks. Basic relationships of quantities of light with lighting quality, the numerous benefits of adequate lighting levels, and the economic aspects of good lighting are covered. About two-thirds of the publication is devoted to tables listing recommended minimum footcandles for particular seeing tasks. 20-pp.—Dept. TP-128, General Electric Co., Nela Park, Cleveland, Ohio, 44112.

Single Contract System of Construction: outlines advantages of single contract system in building construction for information of private owners, business executives, stockholders, legislators, public officials, architects and engineers. Describes work of general contractors and mechanical specialty contractors and presents statements in support of the single contract system. — The Associated General Contractors of America, 1957 E Street N.W., Washington, D.C. 20006.



Vacation Cabin Designs: award-winning architectural designs for modular vacation cabins are published in the 1964 Third Quarter Architectural Quarterly. Designs were submitted by students in the fourth annual competition sponsored by American Iron & Steel Institute. Winning designs are fully illustrated; range from simple structures to complex, and from traditional rectangular shapes to spherical modules with air-supported walls.—Committee of Stainless Steel Producers, American Iron & Steel Institute, 633 Third Ave., New York.

Cooling Towers and Refrigerant Condensers: the complete Marley line is described in this new prochure. Featured are five types of cooling towers designed for field assembly and five types of factory-assembled towers, covering an extensive tonnage range. Also shown are two refrigerant condensers with a capacity range from 14 to 135 tons, and, the cooling tower modernization service offered by the company is explained. 4-pp.—The Marley Co., 222 West Gregory Blvd., Kansas City, Missouri.

How to Select Gypsum Lath and Plaster Systems: three-step kit to help architects and designers select systems for every job. Included is information on fire resistance design data; performance of lath and plaster and recommended specifications for gypsum plastering. Complete and informative.—Gypsum Association, 1350 N. Highland Ave., Hollywood, Calif.

The Direct Multizone System: is designed for commercial applications where temperature control of multiple zones is required, and provides simultaneous heating or cooling in up to eight individual zones per system. Literature contains line drawings and illustrations to indicate potential applications, with typical ductwork, and to reveal the components of the system and their various functions. Bulletin 641-M4; 31-pp.—Lennox Industries, Inc., 200 So. 12th Ave., Marshalltown, Iowa.

Hardboard Panels with the Better IQ (AIA 23-L): up-to-date information on each Forest hardboard product with each sheet in the file-folder complete and separate. Full color photos illustrate hardboard in action. Included are complete description of product, technical information, sizes, architectural specifications and suggestions for uses. Products discussed include Sandalwood, Sandalite, Burlite, TP Siding, Punched Board, Tee-N-Gee and the laminated products, Forall and Plyron.—Forest Fiber Products Co., P.O. Box 68, Forest Grove, Oregon.

Valco-Sun Control Systems (AIA 35-P-2): presents several patterns of aluminum screens showing actual installations. Sizes and structural and installation data are well detailed. Suggested specifications are listed including performance, materials, construction, finish, erection and guarantee.—Valley Aluminum Co., Inc., 5733 East Shields Ave., Fresno, Calif.

Fire and Smoke Protection for Schools: details the cause of increasing number of school fires. Illustrated are means of providing optimum protection to students' lives and school facilities through early fire and smoke detection and warning using the Pyr-A-Larm system. Describes methods of protecting buildings, critical high hazard areas, air conditioning and ventilation system. 12-pp., 2-color.—Pyrotronics, 2343 Morris Ave., Union, N.J.

Prestressed Concrete Applications: are described in a booklet containing 16 studies of outstanding prestressed concrete projects. Among the pretensioned and postentioned projects included are a prestressed lift slab building, 120-ft. long prestressed bridge girders, and a 2-million gal. prestressed water tank. The role played by Pozzolith in achieving the high quality concrete required for prestressed work is also treated. Bulletin MBR-P-13; 20-pp.—Master Builders Co., 2490 Lee Blvd., Cleveland, Ohio.

Solitrol Lighting Control System: with a versatile solid state Compact design, for use in small theatres, schools, TV studies, is described in the new "Solitrol Controlette" brochure. The portable, self-contained system handles 36 kw in a unit measuring 50-in. high X 26-in. deep X 22-in. wide; contains six kw silicon controlled rectifier dimmers which feature square-law characteristics, silent operation, instantaneous response, and highly filtered output. Each of the channels has two presets. A fader is provided for cross fades and proportionate mastering; a rugged circuit breaker panel includes a 60 amp primary circuit breaker and four 15 amp branch circuit breakers for each 6 kw dimmer. Bulletin 74SC; 4-pp.—Ward Leonard Electric Co., 133 So. St., Mount Vernon, N.Y.

MANUFACTURERS/SUPPLIERS

• **The Trane Co.:** Donald C. O'Keefe, former manager, western sales region, has been promoted to manager, sales offices, at the LaCrosse, Wisconsin headquarters, where he will supervise sales activities of the 121 Trane offices throughout the United States.

• **Worthington/Climatrol Air Conditioning:** Gene Hamilton has been named manager of customer service for the company's Western zone, according to an announcement by A. J. Hackl, president of the firm. Sidney Ludwig has been named division manager of quality assurance for the Western zone.

• **J. A. Wilson Lighting Co.:** This division of the Wilson Research Corporation has opened a new West Coast distribution center at 671 South Clarence, Los Angeles, where they will maintain a complete line of Wilson lighting equipment including the illuminated ceiling panels and the aluminum track suspension system. Main offices and plant are located in Erie, Pennsylvania.

• **Gridwall Co.:** A pioneer producer of aluminum fenestration systems, the North Hollywood firm has been staffed at top executive level by its new owners. George W. Carpenter, president, will be responsible for product design and systems engineering. He was with the original company in a managment capacity. Alexander M. Scott will serve as vice president in charge of sales and promotion; Wayne D. McCutchan, vice president, with responsibility for product installation and field operations. Other experienced executives and technicians are being retained from the original firm.

• **Fred Schmid Associates:** Richard L. Crowell has been named director of design and Leslie M. Polson, director of engineering for the Los Angeles-Chicago based food facilities planning and engineering firm, according to an announcement by Fred Schmid, president.

• **Builders Brick Co.:** The Mutual Materials division of the Seattle firm has named Gordon Anderson marketing representative for Eastern Washington where he will coordinate distributor, architectural and technical sales. He will headquarter in Spokane.

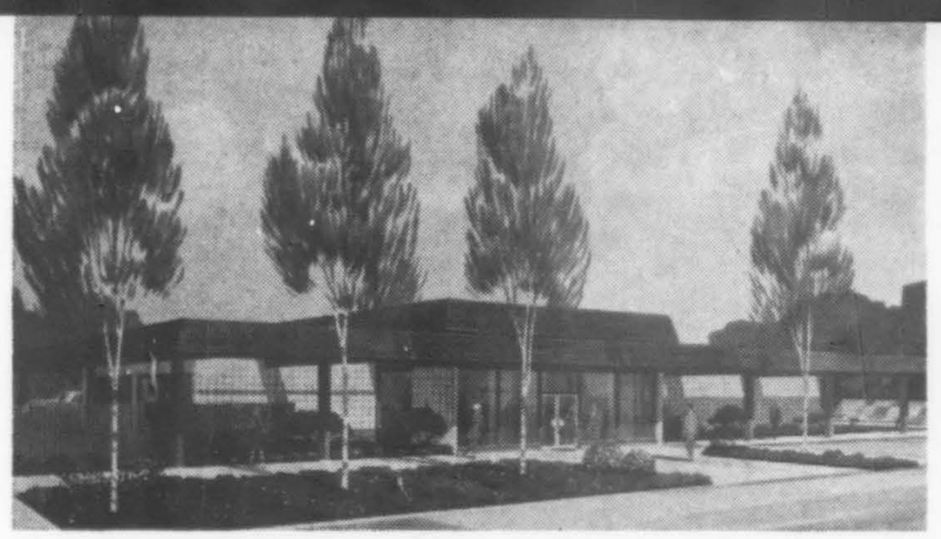
• **Soule Steel Co.:** Bob E. Secker has been appointed regional sales manager of the Northwest for the company's Architectural Products division. He will headquarter in Seattle, where he will be responsible for regional sales and the administration of the Northwest Region.

• **International Paper Co.:** Tim Caldwell has joined the Western public relations department at the Longview, Washington offices, where he succeeds Curt. R. Copenhagen who has been promoted to additional public relations responsibilities in the West for the Long-Bell Division as well as coordinating the Long-Bell product advertising.

• **United States Gypsum Co.:** Two foreign acquisitions have recently been announced by U.S. Gypsum: Benelux, S. A., Wijnegem, Belgium manufacturer producing a wide range of gypsum board and plastic products serving several northern European markets; and Universal Oxford, S.A., of Tequisistlan, Mexico producer of Mexican onyx, as well as procurement of rights to onyx and marble deposits in a 500 sq. mi. area on the isthmus of Thuantepec.

• **Kawneer Company:** Robert J. Offringa has been named vice president and general manager of the company's Richmond, California manufacturing facility. He succeeds Otis Winfield who continues with Kawneer as corporate vice president on the West Coast.

• **Western Wood Products Association:** Arthur W. Priaulx. 61, assistant to the president of the association, died



POLK COUNTY FEDERAL SAVINGS and Loan Association, Salem, Oregon branch, completed in December, features exposed aggregate white tile walls, glu-laminated wood beams and columns, re-sawn cedar siding on fascias. Architects are Groom, Blanchard, Lamen & MacCollin, Salem. General contractor: Willis A. Hill.

November 27 of cancer in Portland. He was well known as a conservationist, author and nationally known spokesman for the forestry industry. He had been director of public relations for the West Coast Lumbermen's Association for 23 years prior to that organization's merger with the Western Pine Association this year.

• **Superior Concrete Accesories, Inc.:** H. G. Ballou, general manager for the Pacific Coast Division, San Leandro, died of a heart attack, October 3. Well-known to the construction industry for nearly 40 years, he was recognized as an expert for solving tough concrete forming or tilt-up panel problems.

• **H. H. Robertson Co.:** Ross M. Sherrill has been named Q-Air supervisor for the West Coast. The announcement, made by Martin Mackey, Western Regional Manager, noted that Sherrill's experience includes 12 years with the Carrier Corp. He will headquarter at Robertson's offices, 74 New Montgomery St., San Francisco.

Architecture / West

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ART HUPY, our architectural photographer friend who has turned his camera in on a palette and brush, sends us all this Christmas card from Blind Channel, British Columbia. The card is the artist's rendering of his new home (which we understand is so isolated that it can't even qualify for foreign aid). Art's comment was that the design probably wouldn't quite make the magazine, architecturally, but it did! And only partly because we felt that many of you would be interested in the answer to, "Whatever became of Art Hupy?"

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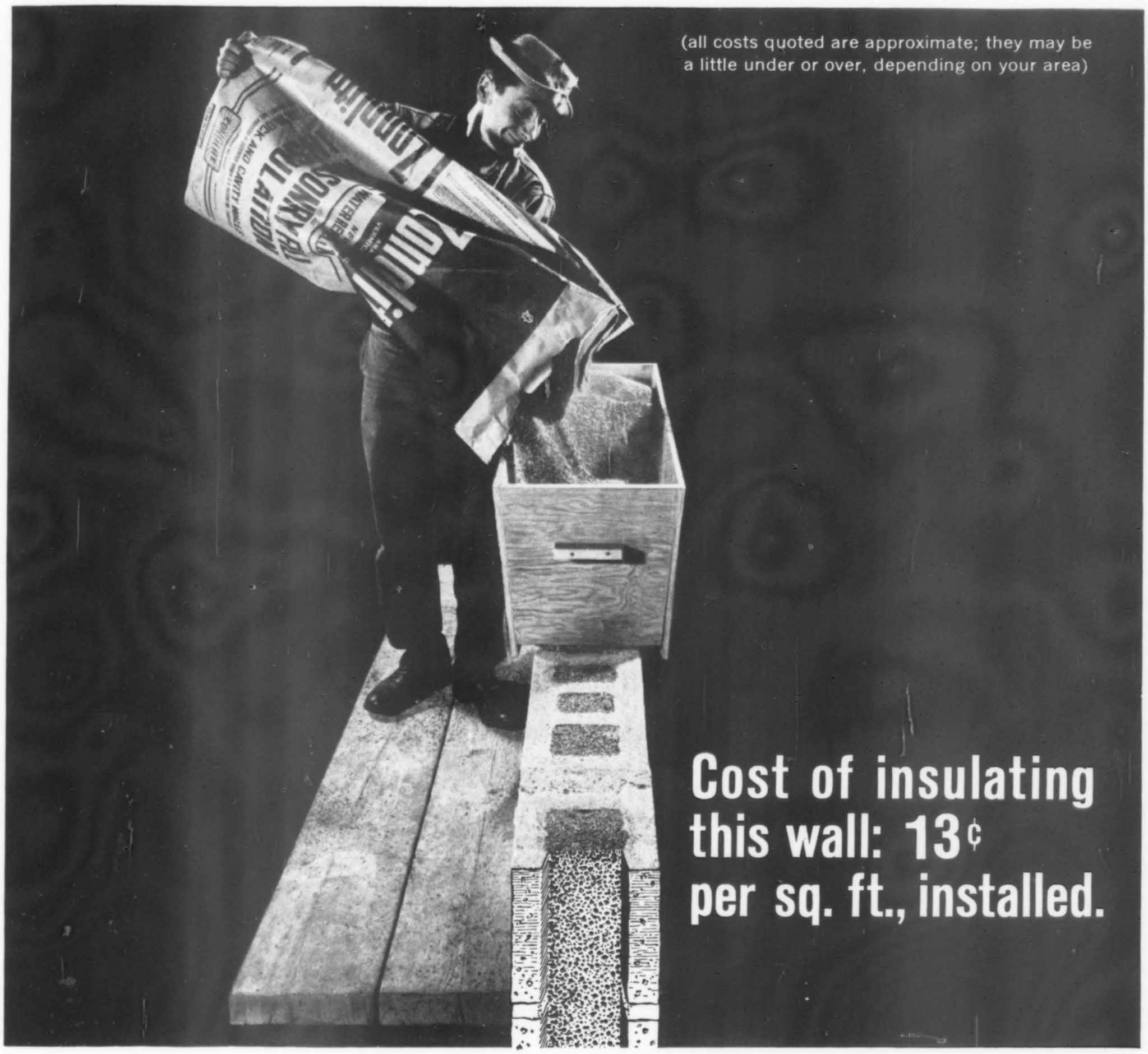

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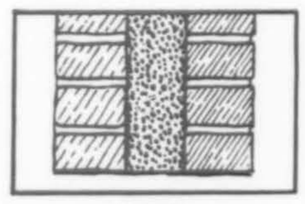

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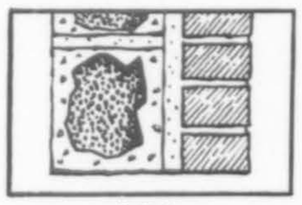

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