Architecture / West

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Business data on page 42

THE COVER: City Hall complex, Eugene, Oregon: Morin and Longwood, architects. Hugh N. Stratford photo. Page 20.

ABOUT THIS ISSUE: Public buildings take many guises and this month we present a small assortment, together with some other projects with a distinct Western flavor.

Our cover story, the Eugene, Oregon city hall, was subject of a competition that elicited a bit of controversy among some of the 25 firms entering designs. But the finished complex meets with the approval of all those concerned as well as the citizens of Eugene for it blends into the delightful downtown square, becoming an integral part of it (page 20).

In Phoenix, the Maricopa County complex was designed for eventual integration into a centralized county-city government area and has already started to serve that purpose. In the four buildings, 31 major county services are in walking range of each other—the first time since the city was founded.

An anonymous suggestion received recently in one of our new return envelopes (*back page*) concerned publication of some of the AIA chapter offices in the West. We are in the process of following through on these excellent ideas. The Northern California Chapter AIA offices in Oakland were already "in the works" when the note arrived in our office. (Page 16).

THE BUILDING MONTH

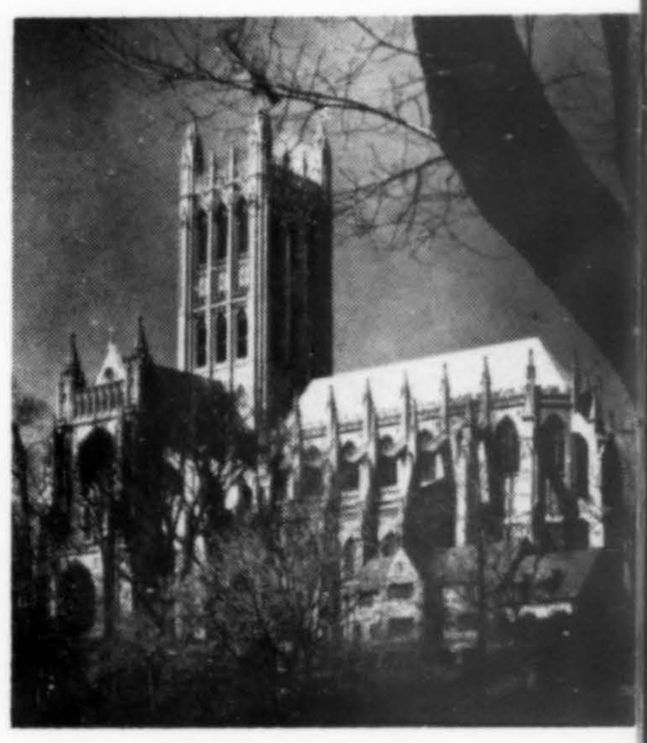
Highlights & Sidelights

SCREENING ARCHITECT—Atlantic Savings, Los Angeles, may be the only savings and loan association in the United States which retains a licensed professional architect to screen all construction loans. The practice originated 19 years ago with Domenic DiNoto, founder of the association, who was a graduate of the School of Architecture at the University of Southern California. It has been carried on since his retirement with the retaining of Russell W. Hobbs, AIA, who in his capacity as advisor to the loan committee, reviews all construction loans, assessing not only structural soundness and lending value of the proposed construction, but also aesthetic value and land use too. Don Hoskins, president, said that as consultant, Hobbs is encouraged to make any recommendations which, in his view, will improve aesthetics or land use, as well as those which will help secure the association's investment. He said the firm "does not believe in control, but does believe in good architecture, and that America's greatest hope for improved architectural standards lies in her lending institutions, through which pass the plans for virtually all construction being done today."

EICHLER OFFERS APARTMENTS TO CITY—Joseph Eichler, builder-developer, has offered to sell two uncompleted high-rise apartments in Visitacion Valley to the city of San Francisco as low-rent public Housing. The asking price: $11,126,723. Eichler said he wished to sell because he was (1) a public spirited man and the city would benefit; (2) he could use the capital. The Housing Authority, while worried that this might be the fanciest public housing in the United States, would like to make the purchase if funds were available. The apartments will have 573 units at federally fixed rentals of $137.50 for two bedroom units; $158 for three bedroom. Eichler spent two and one-half years getting a low interest, long term loan commitment from the government for the project, the first time the FHA had approved a high-rise development west of Chicago, for incomes ranging below maximums of $7,000 for a two-person family.

$12 MILLION EXPANSION PLANNED FOR COLORADO COLLEGE—A "Design for Distinction" covering development in six categories over the next 10 years, has been announced by Dr. Eugene Dawson, president of Colorado Woman's College, Denver. The $12 million figure is in addition to monies required to keep the school operating. Two key projects announced will be a $1.3 million fine arts center and an $850,000 residence hall. Other categories: $4.1 million for improvement of the physical plant; $500,000 for renovation of Treat Hall (Old Main); $600,000 for property acquisition; $350,000 for dining hall addition. The remainder of the $12 million will be apportioned for other improvements, scholarships, endowments, sabbatical leaves, professional meetings, research projects, lecturers. The college with a present enrollment of 914, plans to level off with 1200 within the next few years.

UNDERGROUND POWER SYSTEM ADOPTED—The Northern California city of Pinole has adopted a mandatory streamlined system for power installations underground. A similar requirement is being studied now by Vallejo and Pleasant Hill. Two cities, Richmond and El Cerrito, adopted the underground requirement last year.



The Gloria in Excelsis Tower at Washington Cathedral will be one of the focal points for those attending the national AIA convention in Washington, D.C. in June. The tower, dedicated last May, rises 675-ft. above sea level, has two sets of bells, a 53-bell carillon and a 10-bell ring for the ancient art of change ringing. The cathedral, under construction for more than 50 years, is expected to be completed within the next 20 years. Philip Hubert Frohman is architect.

97th ANNUAL AIA CONVENTION—The American Institute of Architects will host the XI Pan American Congress at the 97th annual AIA convention in Washington, D.C., June 14-18. Theme will be "Cities of the New World" and will include two technical seminars: one on housing, commerce and industry; the other on health, education and recreation. A distinguished roster of speakers will be headed by Lewis Mumford, who will deliver the first annual Purves Memorial Lecture. About 1,000 architects from 10 Latin American countries are expected and more than 2,000 members of the AIA.

"END OF WORLD" SPEAKERS AT ASPEN—George Nelson, program chairman for the International Design Conference in Aspen, Colorado, June 20-25, has announced the following speakers who will discuss "The end of the world as we know it": George Candilis, Parisian architect and creator of Languedoc, the 100-mile-long resort in southern France; Dr. Jacob Bronowski, author and associate in the Salk Institute; Arthur Drexler, director of architecture and design at the Museum of Modern Art; the Reverend William Lynch, S.J., author; Jan C. Rowan, architect and editor of Progressive Architecture; Emile de Antonio, film producer; David Finn, public relations; Lawrence Alloway, curator of the Guggenheim Museum and author. Pre-registration fee for the conference is $75, after June 1, $85. Accredited students may register for $10. Mailing address: Box 664, Aspen, Colorado.

SEATTLE CHALLENGE—AMERICA'S MOST BEAUTIFUL CITY?—Charles Blessing, FAIA, director of planning for the city of Detroit, in a report of the Urban Design Advisory Board submitted to the Seattle Planning Commission, said: "So impressive is the setting of the city and the Central Business District in Seattle that one must conclude that a city enjoying such a beautiful and rich setting must be held accountable for achieving far less than is inherent in its long term urban design goals . . . If it does rise to meet this challenge with the kind of vision which has made the world's greatest cities great, then I believe that Seattle can without question advance to a status as America's most beautiful city."

Mr. Blessing was retained to advise the Urban Design Advisory Board in drawing its report. The board, appointed by the City Council in November

1963, was to review the central plan, define urban design as it relates to the central district, and to recommend studies in preparation for specific improvements.

CHANGES IN ST. MARY'S CATHEDRAL DESIGN— Basically, the design of the $7 million St. Mary's Cathedral, to replace one destroyed by fire in September 1962, remains intact. Since the preliminary plans were released, however, the tower has "grown" three feet, to a height of 183 feet. The tower will be supported by four concrete pylons, replacing the concrete block on which architect Pier Luigi Nervi had thought the cathedral would have to rest. However, stress showed the pylons would be ample support, as well as giving a lighter, more graceful aspect to the building. The cathedral will seat 2200 people, none of whom will be more than 75 feet from the main altar. Glass walls will enclose the entire base and a rectory, convent and church school have been incorporated into the cathedral complex. Grading is expected to start soon with actual construction not expected until 1966.

RIGID VINYL BUILDING PRODUCTS GROWTH—An increase of 50% in the use of rigid vinyl plastic in building products was forecast for 1965 by B. F. Goodrich Chemical Company, the world's largest supplier of vinyl plastic raw materials. George A. Fowles, marketing vice president of the company, reported at the National Association of Homebuilders' Convention in December, that more than 40 million pounds of rigid vinyl would be used in such products as siding, gutters and downspouts, soffit, windows, shutters and roof edging this year. He compared this with about 26 million pounds in 1964 and pointed to the increased use as an indisputable fact that the long-heralded "plastics in building" era had arrived.

LOS ANGELES RAPID TRANSIT—Financing is the bug-a-boo of the Southern California Rapid Transit District. The RTD's master plan for a 160-mile rapid transit system will cost more than $1.5 billion. The RTD had, hopefully, planned a one-half cent levy on county property and an in-lieu tax on motor vehicles to finance the project. The property tax plan has been dropped and it now appears that the revamped transit proposal will look to the in-lieu tax to support up to $850 million in revenue bonds to build the system, which would pay for only four of the eight "legs" radiating from the downtown Los Angeles hub. The new financing plan being worked out by the district will give county residents an opportunity to vote, probably in 1968, on whether the multi-million dollar network should be built or shelved.

BELL & VALDEZ FIRM SOLD—Tiffany Homes, Inc., has purchased the home-building firm of Bell & Valdez, Seattle, in a transaction involving more than $4 million. William D. Hofius and Robert L. Brown, principals in Tiffany Homes, said that Tiffany would be merged into the Bell & Valdez company and operate under the purchased name. The new company acquired the business, equipment, inventory of houses under construction and some real estate in the purchase.

MODERN ARCHITECTURE, U.S.A.—New York City's Museum of Modern Art will have an exhibit relating and appraising recent work to the history of modern architecture in the Unted States, from May 18 through September 6, 1965. Works were selected by Arthur Drexler, director of the department of architecture and design at the museum.

GOVERNOR ASKS $850 MILLION FOR BUILDINGS— California Governor Edmund Brown has proposed a five-year, $850 million building program to provide "minimum basic facilities" for the state, mostly in the field of higher education. Recommendations were based on a report from the State Department of Finance to the joint Legislative Budget committee. Of the $850 million, $530.7 million would go to the University of California and the state colleges; $90 million for hospital construction by the Department of Mental Hygiene; $88 million for adult correction facilities; $54 million for Youth Authority schools; $36 million for expenditure by the state department of General Services for several state agencies. Financing would be through current revenues and the issuance of state bonds.

OREGON COLLEGE PROJECTS APPROVED—Thirteen university and college construction projects have been approved for federal aid by the Governor's Educational Coordinating Council. Federal funds requested total $2,746,050, and will be applied against construction costs for the following projects: Portland State College, library and science building; Pacific University, library; Eastern Oregon College, science-mathematics building; University of Oregon, library addition; Lewis and Clark, library; Oregon College of Education, humanities building; Oregon State University, Kidder Hall; Reed Institute, science building; Southwest Oregon Community College, complex; Central Oregon Community College, classroom and administration; Treasure Valley Community College, classroom, laboratory and office.

CREST DRIVE ELEMENTARY SCHOOL, Eugene, Oregon, received an Award of Merit in the American Association of School Administrators exhibit at Atlantic City in February. Architects: Stearns, Mention and Morris, Eugene.

CONSULTING THE CALENDAR—

Consulting Engineers Council, second national convention, Chase-Park Plaza Hotel, St. Louis, May 19-21.

Ninth annual convention, **Construction Specifications Institute,** "CSI's Technical Parade," El Cortez Hotel, San Diego, May 24-26.

California Building Material Dealers Association, Inc., first annual mid-year conference, The Highlands Inn, Carmel, Calif., June 4-5.

Fifth National Lighting Exposition, New York Coliseum, six symposiums comprising World Lighting Forum, June 6-9.

Building Officials Conference of America, Sheraton-Jefferson Hotel, St. Louis, June 6-11.

ASCE Structural Division, **Specialty Conference on Wood,** Pick Congress Hotel, Chicago, June 9-11.

Forest Industries Marketing Conference, University of Oregon, Eugene, June 16-17.

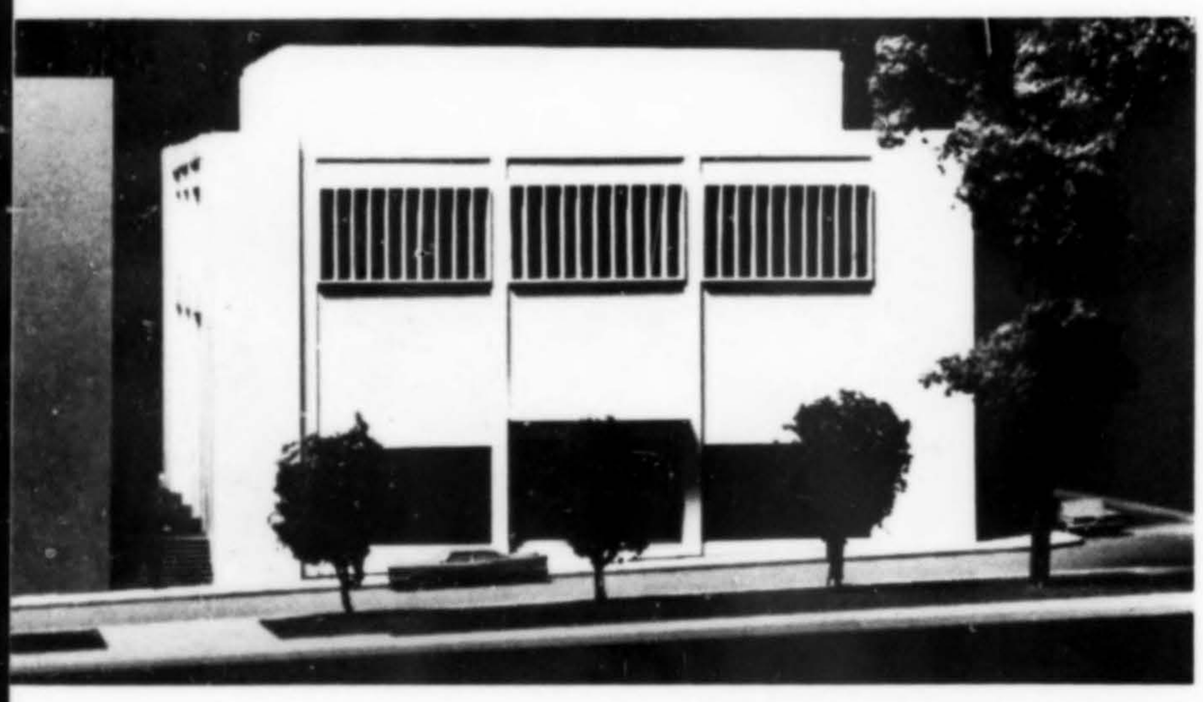
"Space for Survival", 65th annual meeting, **American Society of Landscape Architects,** Hotel Statler-Hilton, Hartford, Connecticut, June 27-30.

25-STORY ALCOA BUILDING under construction at Golden Gateway, San Francisco, will provide approximately 400,000 sq. ft. of office space; uses aluminum sheathed structural steel bracing as part of design for earthquake protection. Behind structural frame will be curtainwall assembly of aluminum and glass fabricated by Kawneer. Office spaces are flexible without interior columns. Alcoa is supplying aluminum sheets and extrusions. Architects: Skidmore, Owings & Merrill; Perini Corporation, contractor.

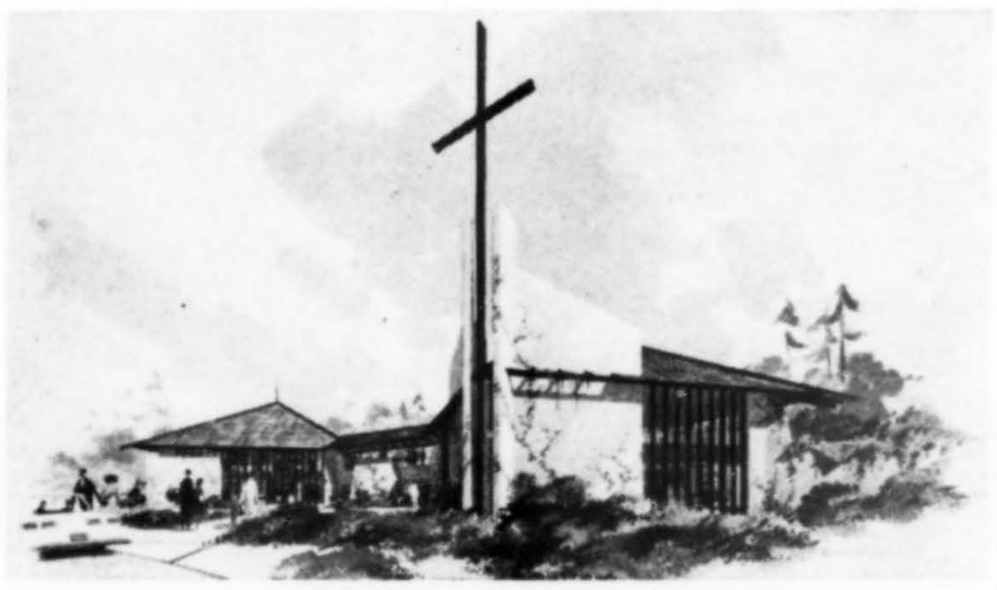
HIGH-RISE DORMITORY, University of Montana, Missoula, will be 11 stories tall, the tallest building on the campus, developed because of premium land space at the school. The facility will house 400 students, will include a recreation lounge, rooms for 40 students per floor, typing rooms, study lounge, kitchen facilities, resident facilities, basement with five music practice rooms, storage space, laundry. A bank of three elevators, two high-speed, will serve the building. Completion set for winter term 1967. Cost: estimated at $1.8 million. Architects: Taylor, Thon, Schwartz & Kirkpatrick, Kalispell.

OFFICE BUILDING in Santa Monica, California, will rise 12-stories, be the first high-rise building in the city. A limited site, 66x150-ft., incorporates unused space beneath adjoining Arizona Street for parking, approved by the city. A skyroom restaurant is planned, surrounded by garden balconies. The building exterior will be faced with white Italian Carrara marble with dark slate spandrels and windows of glare-reducing glass. Cost: $2.5 million. Architects: Smith, Powell & Morgridge, Los Angeles.

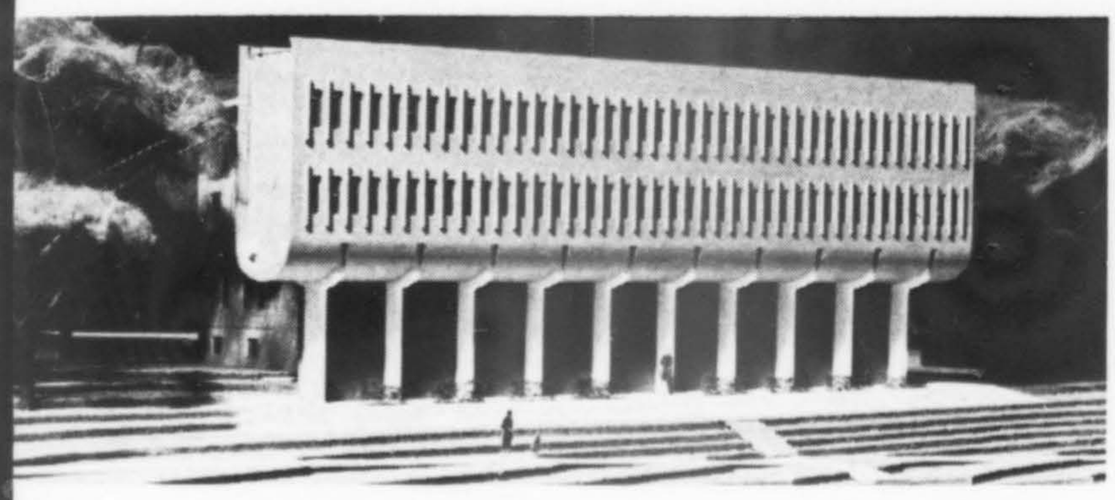
PROJECT PREVIEW



OREGON HISTORICAL SOCIETY BUILDING, Portland, is located across from the Portland Art Museum with a pedestrian way through the center of the block connecting to the downtown area. There will be 45,000 sq. ft. of storage, museum, library and administrative space. Construction is of reinforced concrete with precast concrete facing, four-levels. Architects: Wolff/Zimmer/Associates and Pietro Belluschi, FAIA, consultant.



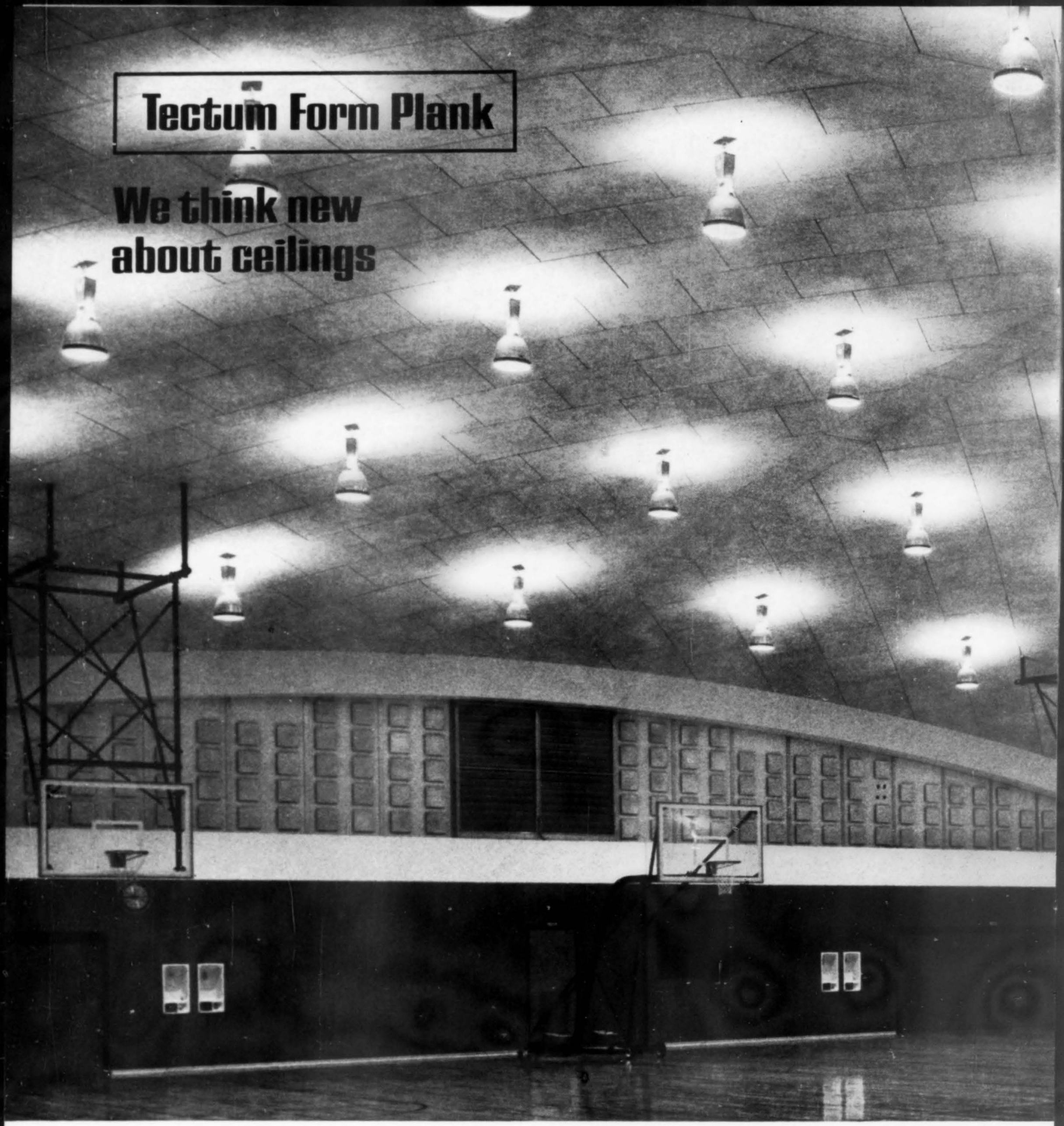
ALDERSGATE METHODIST CHURCH, Bellevue, Washington, has a projected master plan to include sanctuary, chapel, youth fellowship, christian education, future adult education buildings. Initial phase will be youth fellowship (foreground), and christian education (background). Construction is monolithic concrete and heavy timber. Wood mullions and spandrels are stained dark; cedar shingle roof. The chancel is highlighted by vertical stained glass panels either side of the cross. Walls adjacent will repeat color in chancel. Narthex is included on upper floor with fellowship hall and kitchen below. Chapel and two-story education are connected by covered walkway. Parking is provided above and below on the sloping site which permits entry into buildings at each level. Architects: Mithun Associates.



ALPHA TAU OMEGA fraternity house, Boulder, Colorado, is addition and remodeling of chapter house. Design called for continuing brick construction in such a manner that the new living units (20 single bedrooms and 8,000 sq. ft. of space on three floors) could be held up to cover the old structure. To accomplish this, ten concrete piers were used. The front entrance is one story lower than present level, making new structure in effect a four-story building. Entrance is from a slightly raised podium beneath the row of high columns. Architects: Gathers-DeVilbiss, Denver; Trico Builders, Arvada; Edward Bierbach, structural engineer, Denver.

SAGURO HIGH SCHOOL, Scottsdale, Arizona, is presently under construction. Designed to handle 2400 students, the plant is located on 40 acres. Science and liberal arts buildings parallel each other with administration and library buildings between then, forming a landscaped entry court. Floors are raised and space beneath is used for utility tunnels and stepped lecture room floors. Exterior walls are precast concrete panels, some sculptured. Building roofs will be from precast concrete units. Classroom windows will be narrow strip of vari-colored glass at the eaves. Corridors have thermoset plastic wall surfaces; quarry tile floors in kitchen and shower rooms. Cost: $3.1 million. Architects: Pierson, Miller, Ware & Associates, Phoenix; Kahnweiler-Simons Construction Co., Phoenix, contractor.

CITY NATIONAL BANK, Los Angeles, will be 26 stories, distinguished by a colonnade of 60-ft. outer columns around the five lower floors, set back to deepen sidewalks. Columns will be clad in granite and precast concrete. Building will be located at Pershing Square. Estimated cost: $18 million. Architect: Dan Saxon Palmer & Associates; Buckeye Construction Co., Inc., contractor.



Physical Education Building, University of Louisville, Louisville, Ky. General Contractors: Wehr Constructors, of Louisville, Ky.

Five hundred tons of concrete were poured over this Gold Bond Tectum Form Plank ceiling

to form an elliptical paraboloid roof. No support posts were needed for this 20,000 sq. ft. gymnasium after the concrete cured. The Tectum was left in place, and no other

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insulation or acoustical product was needed for the ceiling. Acoustical panels were used on sidewalls. Tectum, made with specially treated, long-strand fibers, is non-combustible. Easily cut. So lightweight, one man can handle the big 46½"x46½" planks. Thinking about saving costs? Think new with Gold Bond®.

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T-SQUARE TALK

NEW OFFICES and PARTNERSHIPS

✔ Winifred H. Hyde has opened offices for the practice of architecture at 618 Grand Avenue, Oakland.

✔ J. Shirl Cornwall and Charles G. Petersen have formed an architectural partnership under the firm name of Cornwall and Petersen, Architects, with offices at 1370 S. 21st East, Salt Lake City. Mr. Cornwall was formerly a partner in the firm of Lorenzo S. Young and Partners, Salt Lake City, and Mr. Petersen was an associate with Sterling R. Lyon, Ogden, Utah.

✔ Building Systems Development, Inc., has been established by architect Ezra Ehrenkrantz, who will serve as president; Christopher Arnold, vice president, and architect James Leefe, secretary-treasurer. The firm will perform consulting work for projects similar to the California School Construction Development (SCSD). The firm of Leefe and Ehrenkrantz will be maintained at 55 Stevenson St., San Francisco.

✔ Two Santa Barbara architectural firms have merged: Frost & Greer and Cooke & Schmandt Associates. The new organization has assumed the name of Cooke, Frost, Greer & Schmandt. Offices are at 1900 State Street. Principals in the new firm are Walter H. Frost, chairman of the board; Noel Cooke, president; Frank L. Greer and Charles K. Schmandt, vice presidents; Robert B. Mooney, secretary; Len Schalla, treasurer.

✔ Paul Bogart has opened offices for the practice of architecture at 657 Los Lomas Avenue, Pacific Palisades.

✔ William Edward Conklin, architect, announces the establishment of an office for the practice of architecture at Suite Five, Govey Building, Shelton, Washington.

✔ Corbett/Dehnert, Lander, Wyoming architects, announce the opening of a second office at Jackson, Wyoming, Robert W. Corbett partner-in-charge.

✔ A new office for the general practice of architecture has been opened in Marin County by Martin Stuart. The firm, located at 535 Miller Avenue, Mill Valley, will be called Martin Stuart, Architect.

✔ Bay Group, Architects & Planners, announces the opening of offices at 2321 Pine St., San Francisco. Principals in the firm are Edward Bergh, Thad E. Kusmierski, and Kenneth Simmons.

✔ Buff & Hensman, Architects & Associates, have formed a new partnership for the continuing practice of architecture. Principals are Conrad Buff III, Donald C. Hensman, Richard K. Fleming and Charles S. McCune. Offices remain at 1225 Linda Rosa Avenue, Los Angeles.

PROMOTIONS and ADDITIONS

✔ Architects Glenn Sweesy and Donald W. Y. Goo have been named associates in the firm of Wimberly, Whisenand, Allison & Tong Architects, Ltd., Honolulu. Sweesy has been with the firm for 13 years and Goo for six years.

✔ Henningson, Durham & Richardson, architects-engineers, have announced opening of an architectural department in the firm's Phoenix office. J. Robert Kahl, AIA, who has been in private practice in Phoenix, will head the new office. Offices are at 222 W. Osborn.

✔ Jacob Robbins, Architects, AIA, announce that Ralph Gareth Gray has become an associate of the firm. Offices are at 498 Alcatraz Avenue, Oakland.

✔ Donald A. Winklemann, architect, has been named a senior associate in the firm of Naramore, Bain, Brady & Johanson, Seattle architects and engineers. He has been an associate of the company four years.

✔ Three interior designers have been added to the design staff of S U A Inc., Beverly Hills space planning and design firm: George A. Carroll, Sanford Pinkus and Robert Rohric, all with broad experience in the field.

✔ Guirey, Srnka & Arnold, Phoenix architects, announce that architect John T. Daly has joined the firm and will work in the Flagstaff branch, assisting George Sprinkle.

✔ Clifford Wayne Moles has been named a senior associate of the Los Angeles architectural-planning firm of Bodrell Joer'dan Smith & Associates. He will be director of project development.

✔ Robert H. Cleveland has become associated with Kruger-Bensen, Santa Barbara architects.

✔ Hoiland • Zucconi, Great Falls architectural firm, announce the association of Richard D. Stevens, Billings architect, to the firm. He has been a designer and project architect with firms in Kalispell and Billings for nine years.

APPOINTMENTS

✔ William L. Pereira, FAIA, Los Angeles planner and architect, has been appointed by President Lyndon B. Johnson to the National Council of the Arts. The 24-man council, created by a recent act of Congress "to encourage and promote the nation's artistic and cultural progress", consists of the country's leading representatives in the fields of the fine and performing arts. The only other architect on the council is Minoru Yamasaki, Birmingham, Michigan.

PEREIRA

✔ Eugene F. Dehnert, Lander, Wyoming architect, has been appointed to the Lander Planning Commission.

✔ Hollis Logue, Jr., has been appointed to the redevelopment agency for the City of San Jose.

✔ James Zervas, Bellingham, Washington architect, has been named to the newly formed Whatcom County Park Board.

MISCELLANY

✔ Sacramento architect Albert M. Dreyfuss has been presented a citation from the Engineering Council of the Sacramento Valley for his work as chairman of the Capitol Buildings and Planning Commission.

✔ Idaho State University is expanding its architecture program to five years, conforming to the basic minimum recognized by the National Architectural Accreditation Board. The fifth year of the curriculum has been approved by the State Board of Education and will go into effect September 1965. Henry J. Hulvey is chairman of the Department of Architecture at the Pocatello college.

✔ Alfred V. Chaix, FAIA, principal in the Los Angeles architectural and planning firm of Chaix and Johnson, has been elected chairman of the Pacific Coast chapter of the Institute of Store Planners. Other officers: Robert J. Mayer, architect with the Los Angeles firm of Mayer & Kanner, was named vice chairman; Henry Tikotsky, Chaix and Johnson, secretary; Lester L. Miller, store planner for the May Company, treasurer.

✔ Augusto Angelucci, member of the East Bay Chapter, AIA, is planning a group flight to Europe to meet with European architects and tour places of architectural significance on the continent. Only architects and their

families are eligible for the flight. Further information may be obtained by writing: Augusto Angelucci, 2619 Benvenue Ave., Berkeley, Calif. 94704.

Donald Beach Kirby, FAIA, has been named chairman of San Francisco's Building Industry Conference Board. The group serves as liaison between a list of the city's construction-oriented trade and professional associations. Charles M. "Tex" Herd, structural engineer, was named vice chairman; Bruce McKenzie, secretary of the California State Division of Architectural License Board, secretary.

Robert Alexander, FAIA, has been elected to the Board of Governors, Town Hall, Los Angeles, for a three-year term.

Victor Gruen, FAIA, has been named to Mrs. Lyndon Johnson's Committee for a More Beautiful Capital.

William F. Cody, Palm Springs, California, architect, has been cited by the American Iron and Steel Institute for design of the steel and glass Western Savings and Loan Association building in Phoenix.

Albert M. Dreyfuss, Sacramento, has been named president of the California State Board of Architectural Examiners. Germano A. Milono, San Francisco, and Arthur E. Mann, Los Angeles, have been reappointed to four-year terms on the board.

Richard B. Taylor, Santa Barbara landscape architect, has been elected president of the California State Board of Landscape Architects, succeeding Courtland Paul of Pasadena.

Paul Hayden Kirk, FAIA, Seattle, was a member of the jury judging the Portland Cement Association's architectural scholarship awards program. Other jurors were George Anselevicus, Washington University, St. Louis; Alan Y. Taniguchi, University of Texas, Austin; Yusing Jung, University of Toronto.

John Reid, FAIA, San Francisco, is the only Westerner named to serve as juror on the 1965 Architectural Awards of Excellence of the American Institute of Steel Construction.

COMMISSIONS

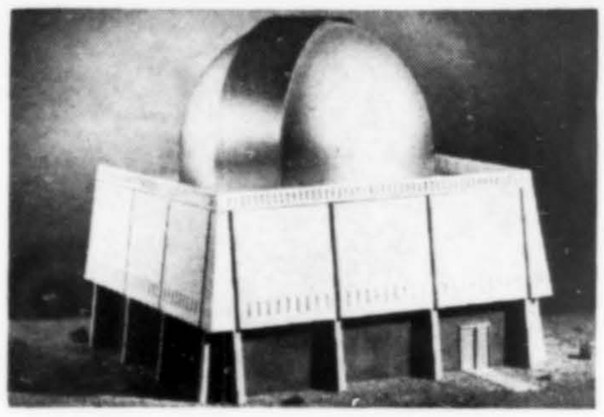
The Portland architectural firm of **Gordon, McGoodwin & Hinchliff** has been appointed to prepare a long-range master development plan for the Marylhurst College campus at Portland . . . **Brinkman and Lenon,** Kalispell architects, have been retained by the Whitefish (Montana) School

T-SQUARE TALK continued—

Board of Trustees to design new school facilities for the district . . .

Edwin Crittenden & Associates have been retained by Sears, Roebuck & Company to plan their new retail store in Anchorage on the 20-acre shopping center planned for that city. . . . **James H. Van Dyke and Associates,** architects and engineers, Los Angeles, have been awarded a U. S. State Department contract for a feasibility study and master plan for Roberts International Airport, Liberia, West Africa. A field office in Monrovia, the capital city, will be staffed by specialists from the Los Angeles area . . .

The Monterey (Calif.) Council for Conservation and Planning has appointed **Whisler/Patri Associates,** San Francisco architects, as consultants to develop long range master plans for future developments in the Monterey area. . . . Architects **Johnson and Silvestri** have been named by the Los Angeles Board of Education to design preliminary plans for the $6.25 million high school to be built in the Porter Ranch area at Canoga Park.



TUCSON, ARIZONA architects and engineers Blanton & Cole, in association with architect Enrique Marchetti Rolle, Santiago, are planning the Inter-American Observatory located about 250 miles north of Santiago, Chile, and 50 miles from LaSerena, Chile, where headquarters are maintained. The observatory will enable North American and Latin American astronomers to undertake extensive research in this less explored portion of the universe. Upper photo shows overall view from summit where telescope domes are located with, from left, the director's residence, dormitory, dining hall, telescope domes are located. Right: model of the 60-inch dome and building.

ELECTIONS

✔ The Southern Oregon Chapter, American Institute of Architects, was organized recently with the following elected as officers: Jeffrey Shute, Medford, president; Bob Ford, Klamath Falls, vice president; Robert Hiatt, Medford, secretary; Robert Fisher, Grants Pass, treasurer; Jack Edson, Medford, and Howard Perrin, Klamath Falls, directors. The new chapter will encompass Curry, Josephine, Jackson, Klamath, Lake, Harney and Malheur counties.

Coast Valleys Chapter, AIA:

John C. Worsley, Atherton, president
Joseph Ehrlich, Palo Alto, vice president
Rodney Heft, Palo Alto, secretary
Joel E. Bowman, Los Altos, treasurer

East Bay Chapter AIA:

Arthur C. Herman, Lafayette, president
Robert Campini, Orinda, vice president
Charles Goebel, Oakland, secretary
John Takeuchi, Berkeley, treasurer

San Joaquin Chapter, AIA:

James J. Nargis, president
Harry E. Bode, vice president
Phillip R. Bates, secretary
Richard R. Moore, treasurer

HONORS

✔ The following Western firms have received citations from the exhibit jury of the American Association of School Administrators, following the 1965 School Building Architectural Exhibit at Atlantic City:

Austin, Field & Fry, Los Angeles—for the Arcadia Union School District Adminstration Center, Arcadia, California.

William E. Blurock & Associates, Corona del Mar—the Estancia High School, Costa Mesa, California.

Ralph H. Burkhard, Seattle—the University Education Building, Washington State University, Pullman, Washington.

Cain, Nelson & Wares, Tucson—the Arizona Western College, Yuma, Arizona. (A/W, Oct./'64)

Ernest J. Kump Associates, Palo Alto—the Henry M. Gunn senior high school, Palo Alto.

Lutes & Amundson, Springfield, Oregon—the Centennial elementary school, Springfield.

Neptune & Thomas & Associates, Pasadena—Citrus Junior College, Student Union and Fine Arts Center, Azusa, California.

Robert Billsbrough Price, Tacoma—West Puyallup junior high school, Puyallup, Washington.

Ruhnau, Evans & Steinmann, Riverside—La Sierra high school, Riverside and the Big Bear high school science building, Big Bear Lake, California.

DEATHS

✔ William Buchholz, 52, San Francisco architect for 23 years, died early in March after a lengthy illness. He had resided in San Jose since his retirement in 1961.

✔ Byron C. Brodrick, 47, Fresno architect, died of a heart attack February 16. A graduate of the University of California at Berkeley, he was associated with the Fresno firm of Fred L. Swartz. He was a charter member of the San Joaquin Chapter, AIA.

✔ Retired architect Nels E. Olsen, 96, died March 10 in Phoenix where he had resided the past 12 years. Born in Oslo, Norway, Mr. Olsen had practiced in the Seattle area until his retirement.

✔ Arthur Addison Fisher, 86, Denver architect, died March 24 at his home in that city. He designed many business and residential buildings in the Denver area.

✔ Gerald C. Field, 79, Seattle, died unexpectedly at his home on April 2. A resident of Seattle since 1908, he had offices in the Jones Building for many years. He designed buildings in Washigton, Oregon, Idaho and Alaska.

✔ Edward Loomis Bowes, 78, former resident architect of Camelback Inn, Phoenix, died late in March in a rest home. A graduate of Washington University, St. Louis, he had lived in Phoenix 40 years.

NEW ADDRESSES

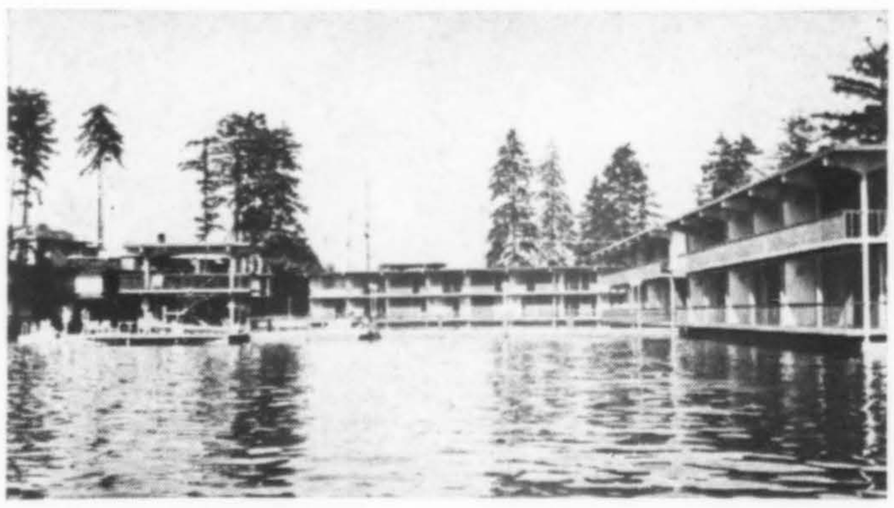
STEPHENS, WALSH, EMMONS & SHANKS—Suite 114, Building Arts Bldg., 5405 N. 12th St., Phoenix
BEN NIELSEN—South 4128 Hogan, Spokane, from Billings, Montana
HARRY H. McMICHAEL and RICHARD L. DeGETTE—200 Fillmore St., Suite 100, Denver
STANLEY C. EVANS—249 East 4th South, Salt Lake City
LORRIN L. WARD—341 W. 4th St., Chico, Calif.
RICHARD M. CLAYBERG—1522 S. Delaware, San Mateo from Berkeley
WILLIAM D. KNIGHT, Jr.—1485 Holland St., Suite 11-12, Denver from Golden, Colo.
A. C. NICHOLSON—962 Chautauqua Blvd., Pacific Palisades, Calif. from Santa Monica
SHERROD R. MARSHALL—230 S. Robertson Blvd., Beverly Hills
H. A. MAGOON—3835 W. 7th St., Los Angeles
TALLIE MAULE—2770 Jackson St., San Francisco

Four Westerners cited by FHA program

The Federal Housing Administration chose four Western projects as recipients of First Honor Awards in their second annual program for residential design.

Honored were the Bay Roc Apartments, Lake Oswego, Oregon, for the multi-family housing division. Architects were Broome, Selig & Oringdulph. Two Western awards were made for single family housing: the Montclair West residence in a subdivision in San Jose, California; architect, A. Robert Fisher; and the Dr. E. Burns Lee residence in Arcata, California; architect, William M. Van Fleet. Not shown is the winning entry in the housing for the elderly, the Carmel Valley Manor, Carmel Valley, California; architects, Skidmore, Owings & Merrill. This project was also cited by the American Institute of Architects Honor program in 1964 (A/W, July 1964).

MONTCLAIR WEST, San Jose, California. Architect: A. Robert Fisher. "There is a lot of good material in this house. It is nicely textured. The plan is excellent and works very simply. The landscaping should be given special mention."



BAY ROC APARTMENTS, Lake Oswego, Oregon. Architects: Broome, Selig & Oringdulph. "This is a consistently good job both in detail and overall planning. The relationship of the living units and site plan is good. It shows that good design can use simple materials and end up with fine results."

RESIDENCE of DR. and MRS. E. BURNS LEE, Arcata, California. Architect: William M. Van Fleet. "A good definition of plan use. Good use is made of the site and garage. This house represents an achievement of character at a reasonable cost."

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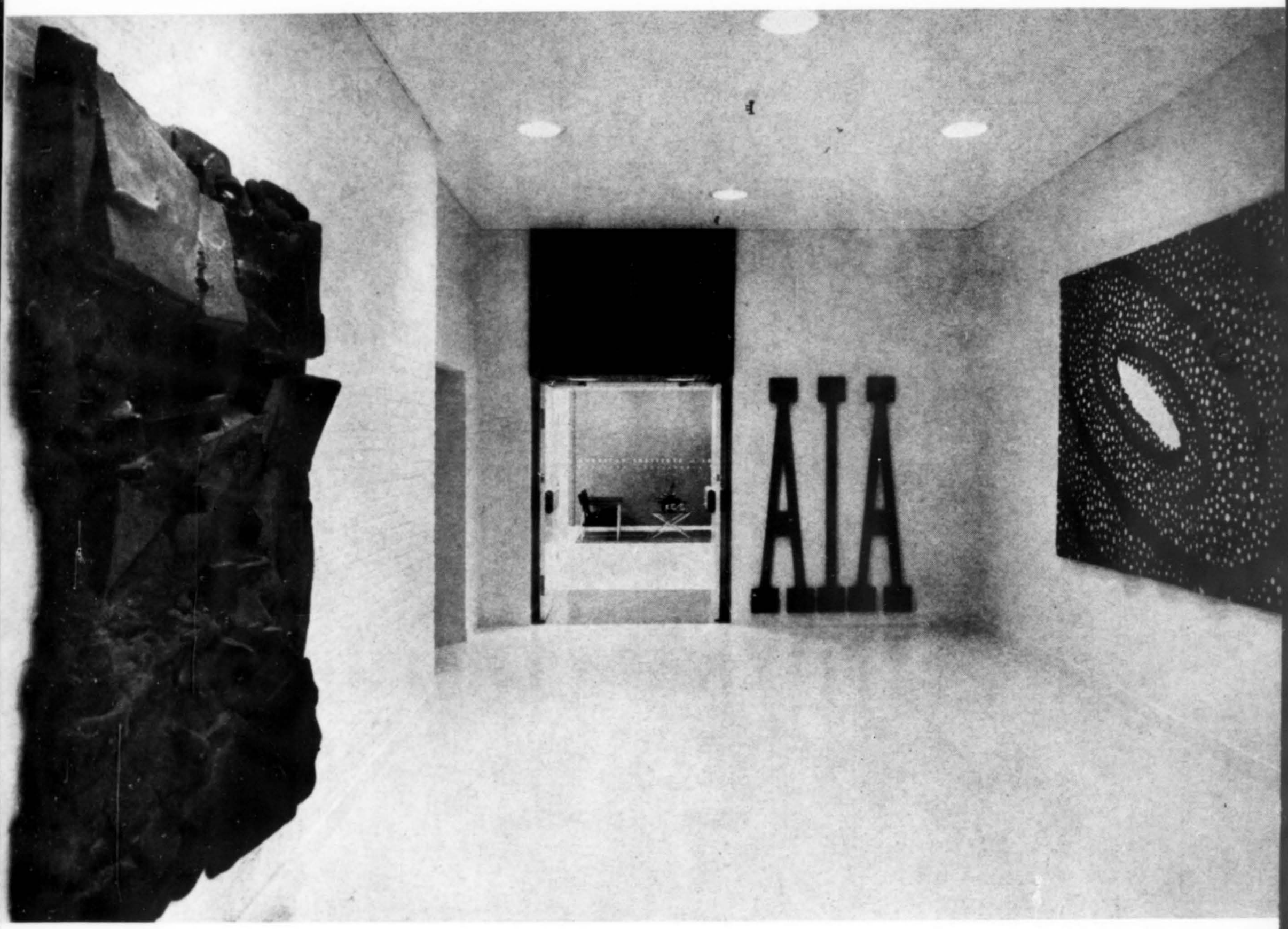
PABCO

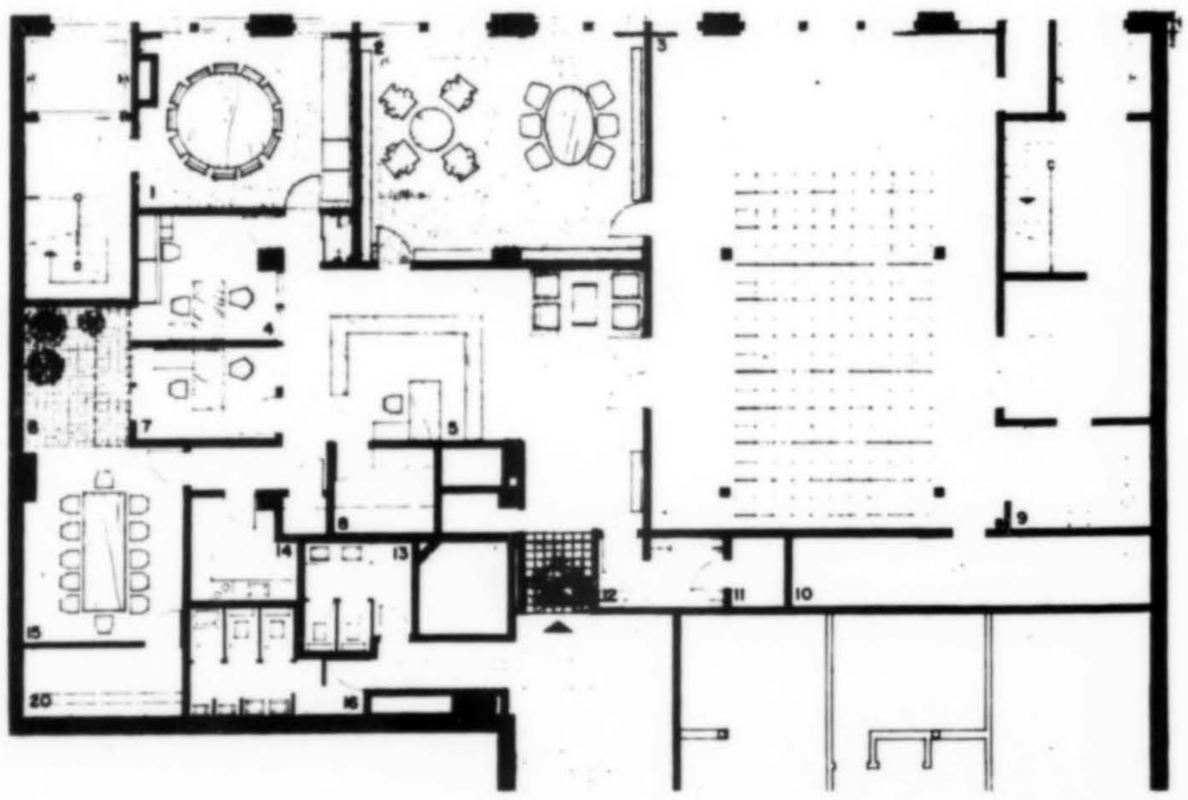
1082

Where the Architects Hang Their Hats . . .

NORTHERN CALIFORNIA CHAPTER, AIA | Offices, San Francisco

designed by **HASSID & KELEMAN**





1. Board meeting room
2. Lounge-Library
3. Exhibit and meeting space
4. Executive secretary
5. Receptionist
6. Atrium
7. Assistant executive secretary
8. Work room
9. Caterer's kitchen
10. Storage room
11. Telephone panel room
12. Coat room
13. Women's wash room
14. Kitchen
15. Committee room
16. Men's wash room
17. Entrance

In December 1962, the submission of Sami Hassid, AIA, was selected in the Northern California Chapter, AIA, competition for the design of its new headquarters atop the Goldberg-Bowen Building, 254 Sutter Street, in downtown San Francisco.

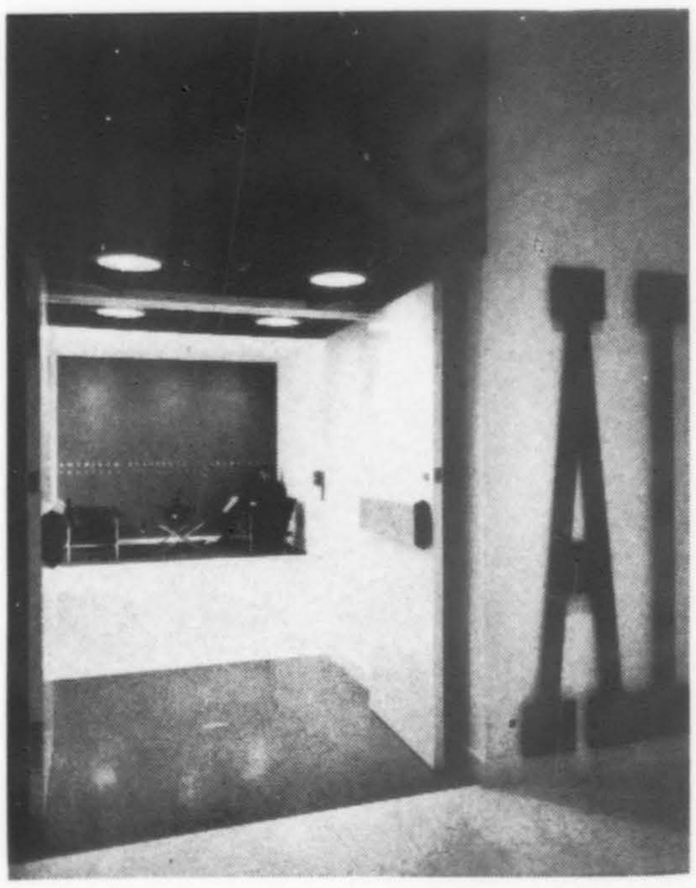
Criteria established for the competition were satisfied in the winning design: imaginative use of space for appropriate chapter facilities; ingenuity in color, materials and fixtures; the possibility of leasing part of the area; the possibility of future expansion.

Located on the top floor, the new development exploited this position by puncturing the ceiling in two locations for atrium spaces: one in the AIA offices, the other in the tenant space (See A/W, Sept. '64: Weber & Fairfax, AIA, offices). All materials were chosen for simplicity, elegance and economy to the extent consistent with code requirements and the prestige of the AIA: plasterboard, painted brick(stripped of plaster), vinyl asbestos and quarry tile.

The color scheme relies on an off-white tone for floors, ceilings and walls, relieved by vividly contrasting materials and hues in carefully selected areas (blue AIA letters, redwood strips above entry, teak reception counter, shiplap redwood wall in board room).

An important space is the "big room"—used for meetings, display, exhibits. The plan of the AIA offices is so arranged that the "big room" can be loaned for use after office hours by sister organizations, when a concealed folding door shuts off the AIA offices proper.

Completed in December 1963, the work was performed by Macdonald, Young & Nelson, contractors. Consultants included Milton Leong, structure; Lezin & Hill for electrical-mechanical; Don Knorr, furniture consultant.



The Northern California Chapter is today AIA's fifth largest with nearly 500 corporate members. It is seventh oldest—and the oldest west of Cincinnati—having been chartered in 1881. In the years following World War II, the Chapter's membership and activity grew rapidly. Starting with a tiny office in the financial district, with part-time help, the Chapter's requirements grew steadily, necessitating the late 1962 competition for design of these new quarters.

Phil Fein & Associates photos

The question of beauty--

PORTLAND'S ESPLANADE

DEVELOPMENT of the Eastbank Esplanade along the Willamette River is believed by many Portlanders to be the city's last chance to beautify and utilize its natural waterfront for the public's benefit. Architects and builders see it as the beginning of an entire new concept for water recreational activities. City planners believe it might be a step toward eventual elimination of waterfront pollution problems. Beauty lovers note that it would fulfill a long felt desire by many to walk along the riverfront.

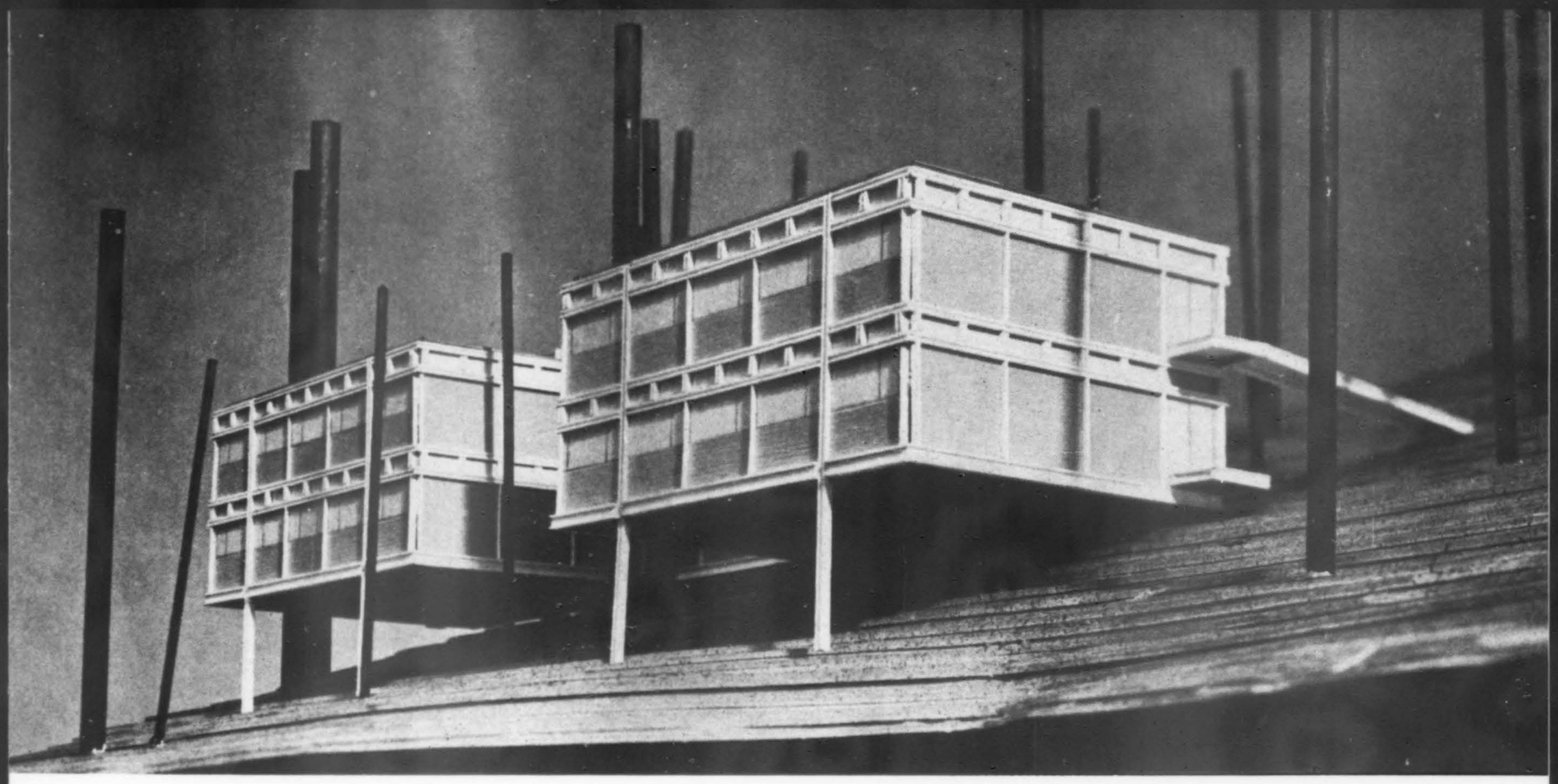
In June 1963 a special committee completed an esplanade report that was adopted by the City Council. However, one hitch has prevented execution of the plan—funds.

Because the Esplanade would involve beautification of the Eastbank Freeway, officials believe it is authorized by the provisions of the present Federal Highway Act which provides up to 3 per cent of a state's interstate allocation for purchase of adjacent strips of land for preservation of natural beauty along highways. The State Highway Department disagrees. They say the project would be a park and federal funds are not available for parks within cities. City officials claim that a city is part of a state, and therefore entitled to the same right as any other state area to participate in highway beautification programs.

A new lease on life has been granted the Esplanade plan: President Johnson's recent message to Congress "to beautify America—to develop green belts around the nation's cities." Oregon's Congressional leaders have taken up the battle and the Bureau of Public Roads and the State Highway Department are taking a new look at the proposal.

A controversy, however, has arisen over the depth of land necessary to execute the plan properly. Members of the American Institute of Architects, Portland Art Commission, Portland Garden Clubs and other civic organizations, ardent backers of the plan, "pooh-pooh" the 25-foot strip of land under discussion by highway officials. They claim that 100-feet is the absolute minimum. Architect-spokesmen Lew Crutcher and Axel Pierce say "anything less is strictly depression thinking. This esplanade may well be our last chance to bring recreational activities to our waterfront and to beautify an area which is now a blight to our city."

Now awaited, the federal decision for U.S. "beauty plans."



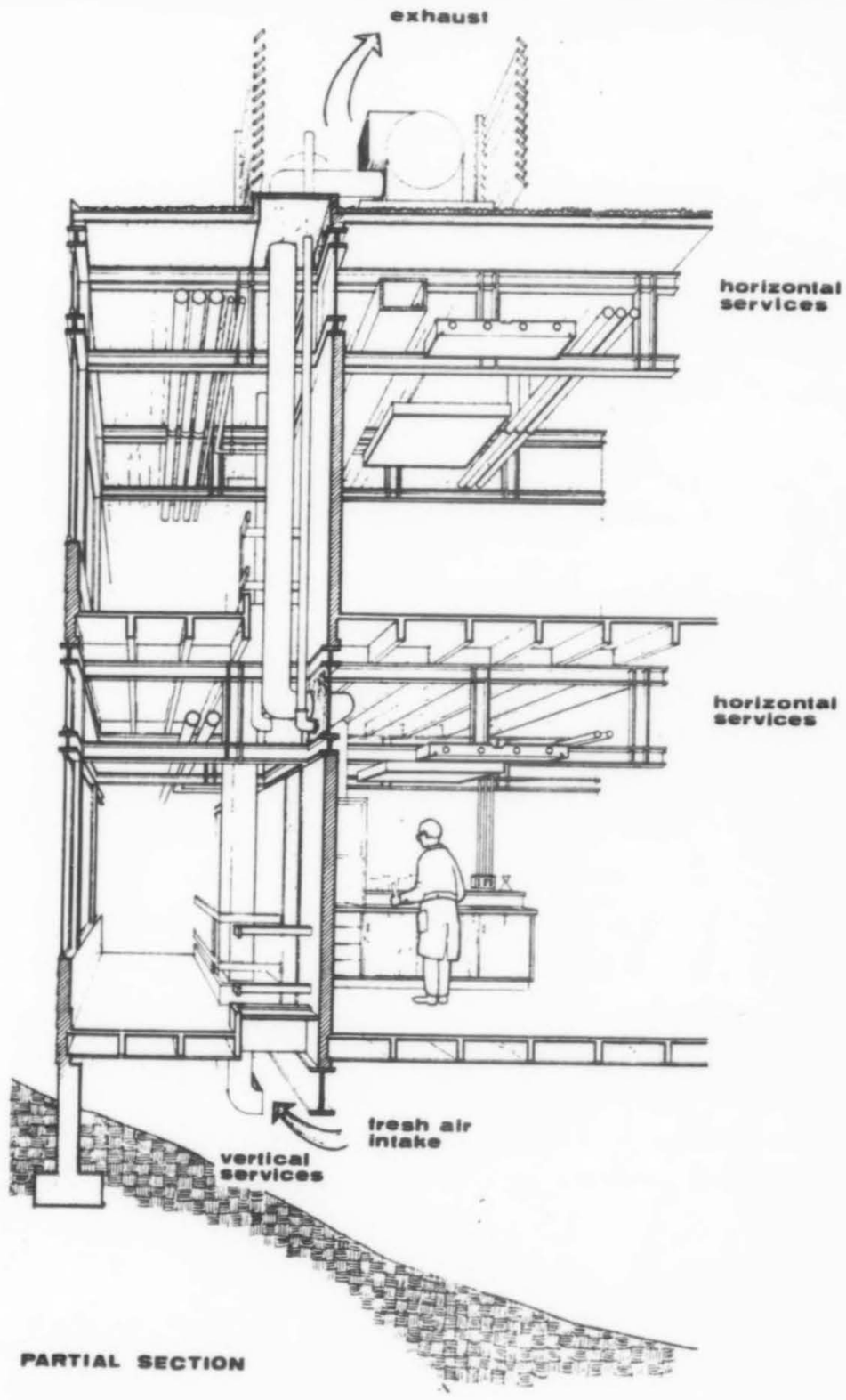
Job of the Month—

Medical Research Lab

CONSTRUCTION has started on the SURGE Unit Number One Laboratory for the University of California Medical Center in San Francisco. Maximum flexibility for expansion of interior spaces as different research projects are undertaken has been incorporated into the project design. In order to allow changes to be easily made both to the sizes of interior laboratory spaces and to the utilities serving these spaces, the entire structure consists of open vierendeel trusses on a ten-foot module. This permits framing partitions below the trusses, and running pipes, ducts, etc., entirely through the trusses horizontally while vertical runs of pipes and ducts are all exposed in the corridors which have open walls (shafts) with railings for this purpose. The effect in the corridors will be similar to catwalks on a ship.

The materials of the building consist of reinforced concrete foundations, exposed steel frame, with glass and wood shingle exterior walls. Floors are plywood on wood joists spanning between trusses, and the roof is built-up, on wood planking spanning between trusses.

The large amount of lab space adjacent to exterior walls permits natural ventilation of all but the few interior labs, and these labs, where use does not prohibit it, borrow natural light from the outer labs.



PARTIAL SECTION

MARQUIS & STOLLER, Architects
Eric Elsesser, structural engineer
Rob Roberts, mechanical engineer
Richard F. Damsted, electrical engineer
Royston, Hanamoto, Mayes & Beck, landscape architects
A. M. Hardy, contractor

CITY HALL COMPLEX . . . friendly, inviting, in scale with Eugene

THE NEW CITY HALL complex in Eugene with its sensitive use of art and sculpture and use of natural materials is a handsome addition to the city's downtown square. Occupying almost an entire city block, the building links city offices together functionally around a central landscaped courtyard.

Entrances to the courtyard are provided from each of the four surrounding streets as well as by stairways and elevator from the lower level. There is 52,000 sq. ft. of enclosed office space on the main floor. Ground floor area has parking space for 207 cars, as well as fire department apparatus room and other service facilities. A basement is located under parking area along north side of the building.

The City Council chambers sit in the center of the main courtyard, surrounded by a reflecting pool, 95 feet square. The bottom of the pool—translucent blue-green pans, lighted at night—skylights parking area below.

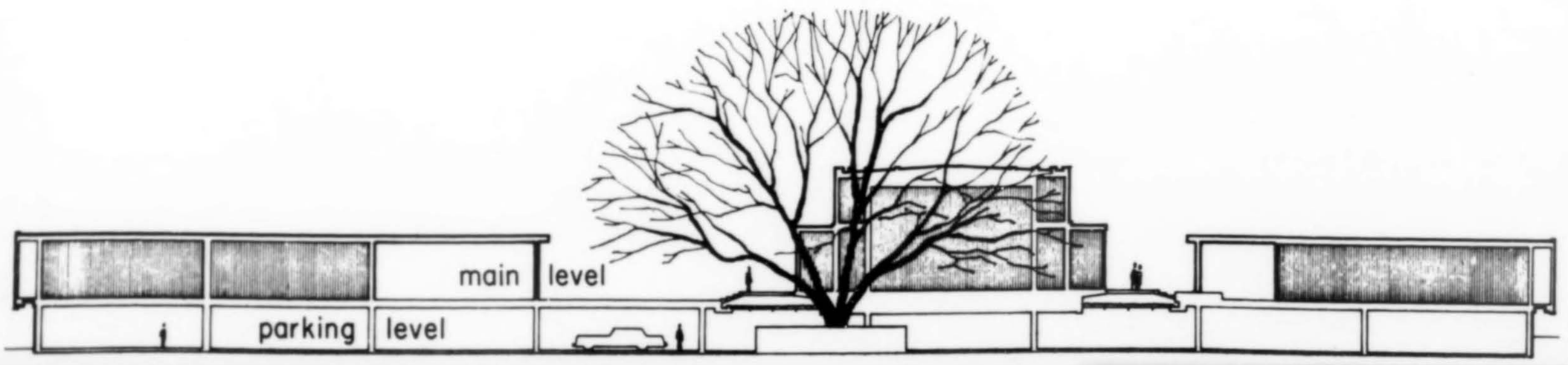
Construction is of reinforced concrete columns and post-stressed waffle slabs formed on a five-foot module. Steel cables in the slabs are stressed to 234,000 pounds. Exterior walls are of standard mould concrete block manufactured with white cement and white bermuda rock aggregate, providing a gleaming white, maintenance-free surface, exposed both on interior and exterior. Partitions are steel stud and gypsum board. All flooring is terrazzo tile, exposing river run gravel, ground smooth. Landscaping materials are those native to Oregon.

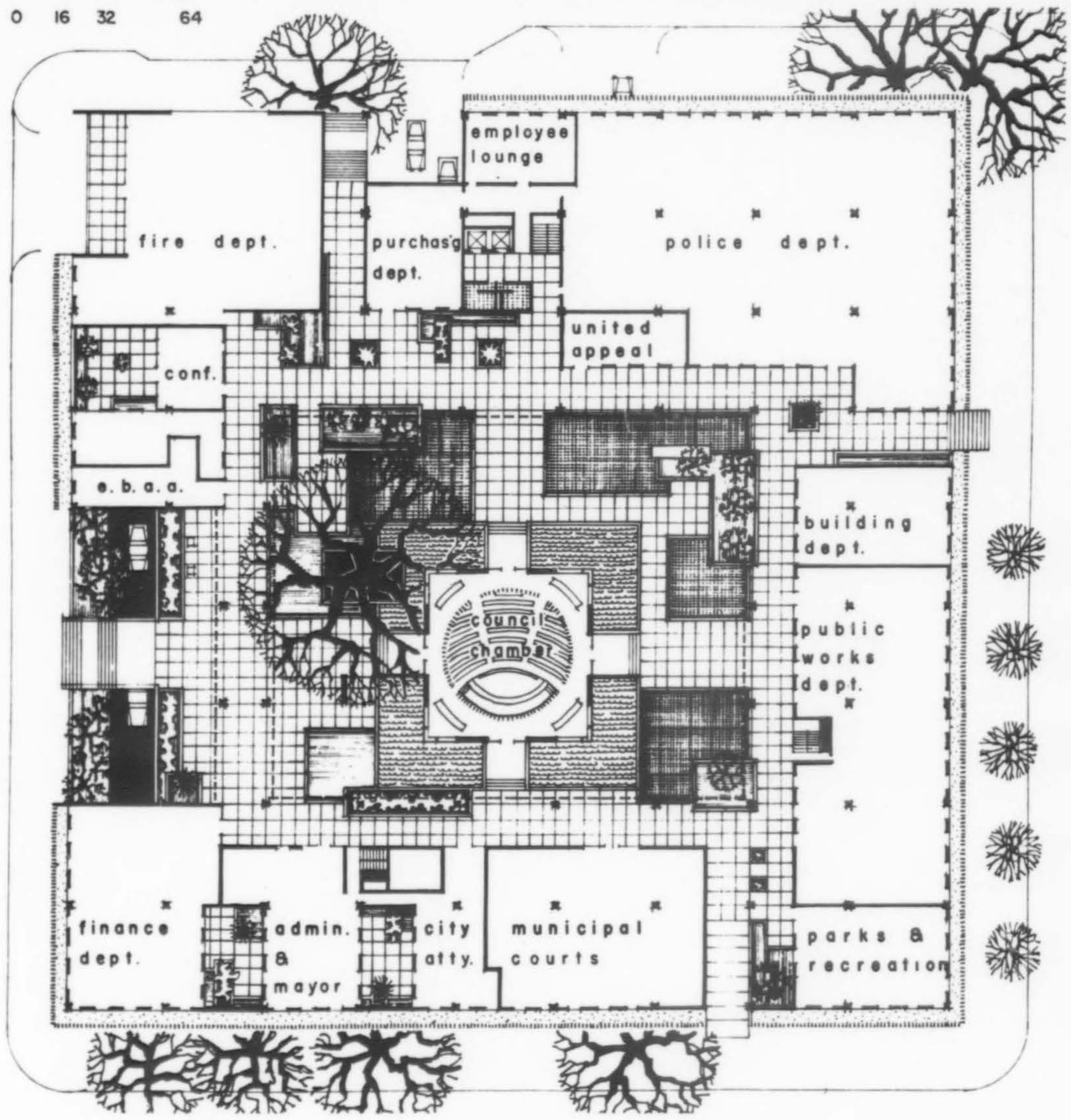
Three separate heating systems are provided: a hot water radiant panel system in the floor slab; a heating and cooling air system through the suspended ceilings; and an electric baseboard system at all perimeter windows. Rooms are lighted by fluorescent fixtures installed integrally with the suspended ceilings.

Allowance has been made for expansion as additional space is needed. Design provides for construction of a five-story tower over the north side of the building which would virtually double the existing office space.

The completed structure, including land, building, art work, furnishings and fees, represents an investment of $2,670,000.

W. W. Wilson was structural consultant; Marquess & Marquess, mechanical; Marquess & Yates, electrical. Sculpture was executed by Jan Zach and the artist was Andrew Vincent.





Architects
MORIN & LONGWOOD

Contractor
GALE M. ROBERTS CO.

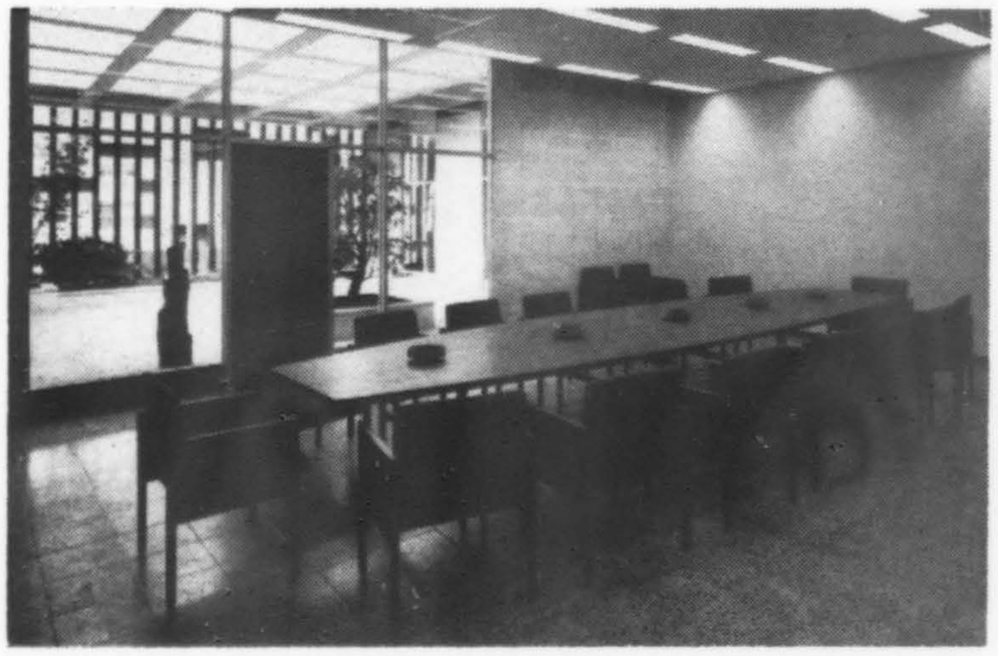
Landscape Architect
LLOYD BOND & ASSOCIATES

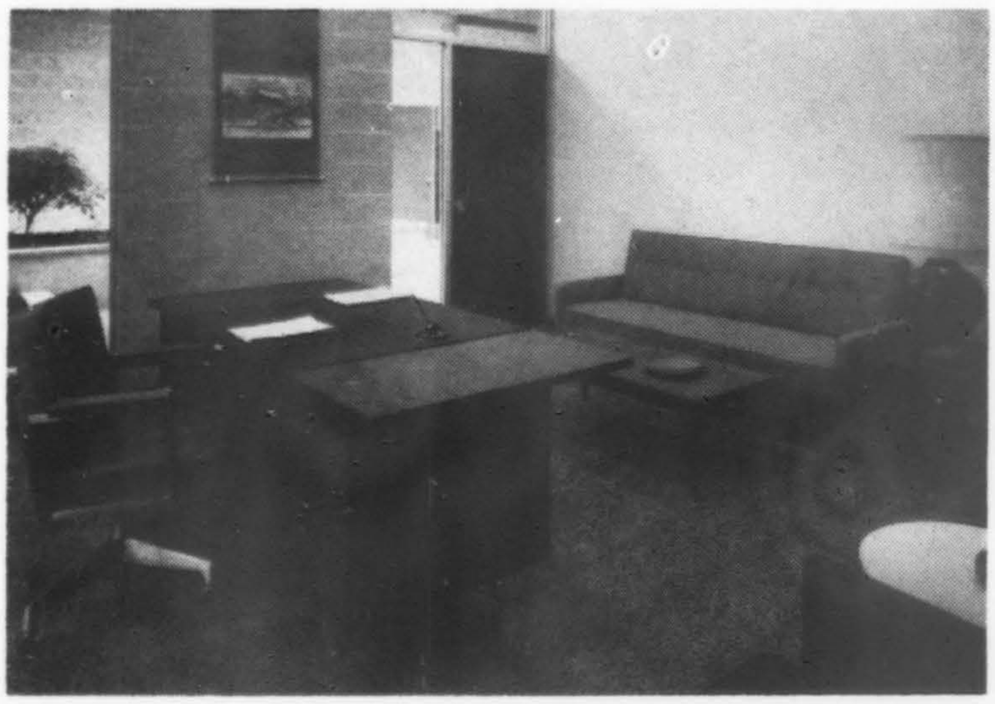
In 1961, the city of Eugene conducted a two-stage design competition for a new city hall. From 25 statewide entries, four finalists were selected by a five-man jury, who ultimately chose the Eugene firm of Stafford & Morin and James Longwood as architects for the project.

The problems contained in the design included a block-square site, part of a pioneer plat of the city. The family who owned the land required that any buildings located on the site must include and preserve the 90-year-old walnut tree planted by early members of the family. This became the key to the landscape design.

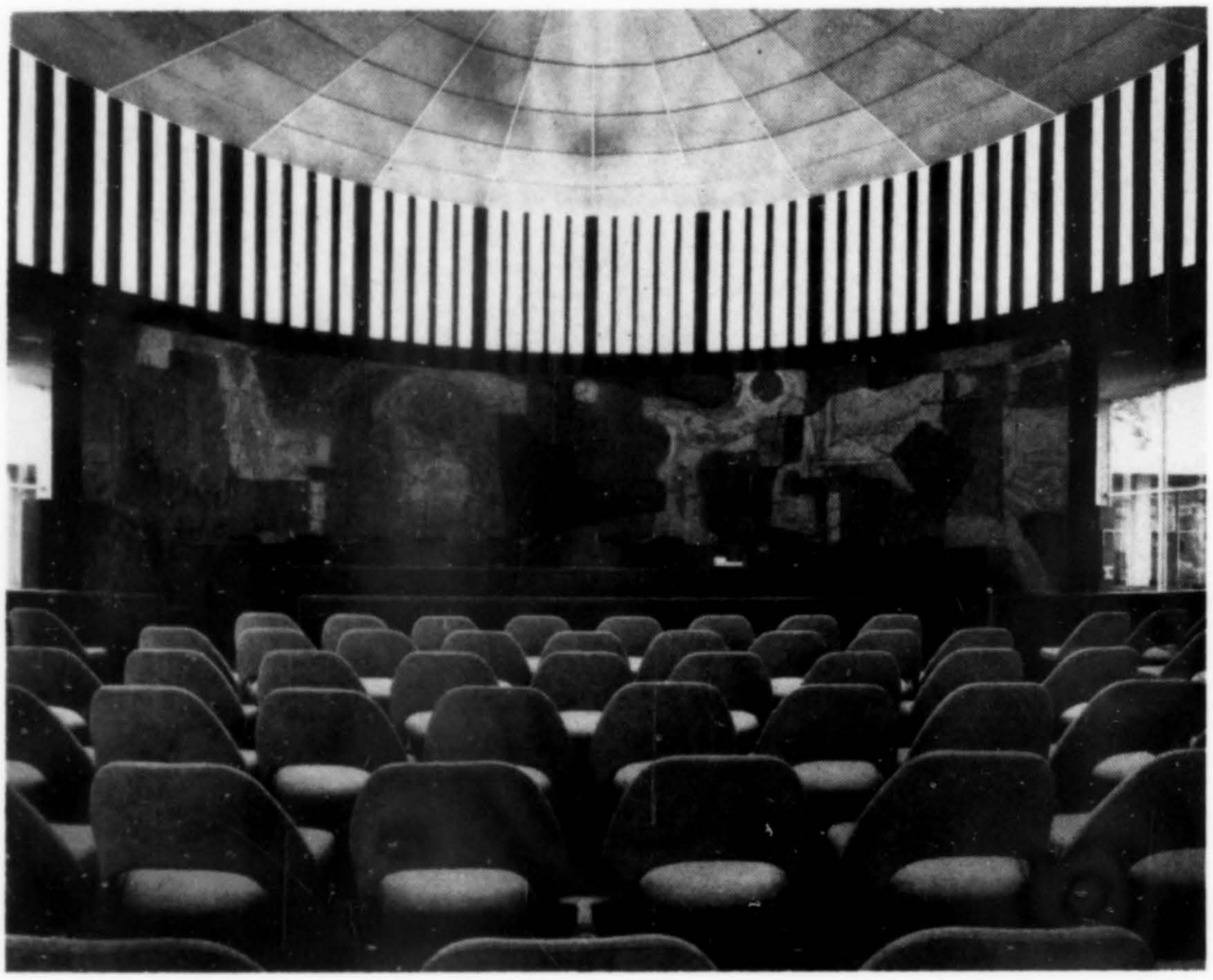
Finalists, other than the winning firm, were Wilmsen, Endicott and Unthank and Balzhiser, Seder & Rhodes, both of Eugene; Portland architects Stewart & Richardson.

Councilwoman Catherine Lauris, a guiding spirit in the decision to have a competition, was one of the jurors, and still a member of the City Council.



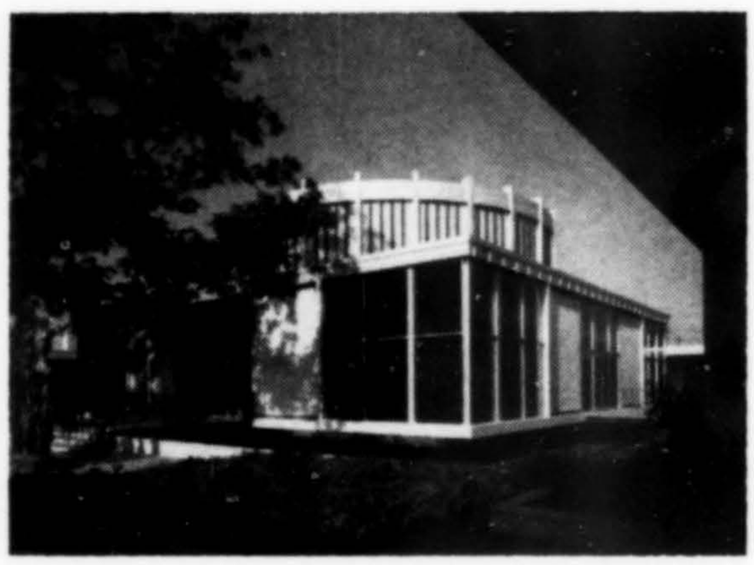


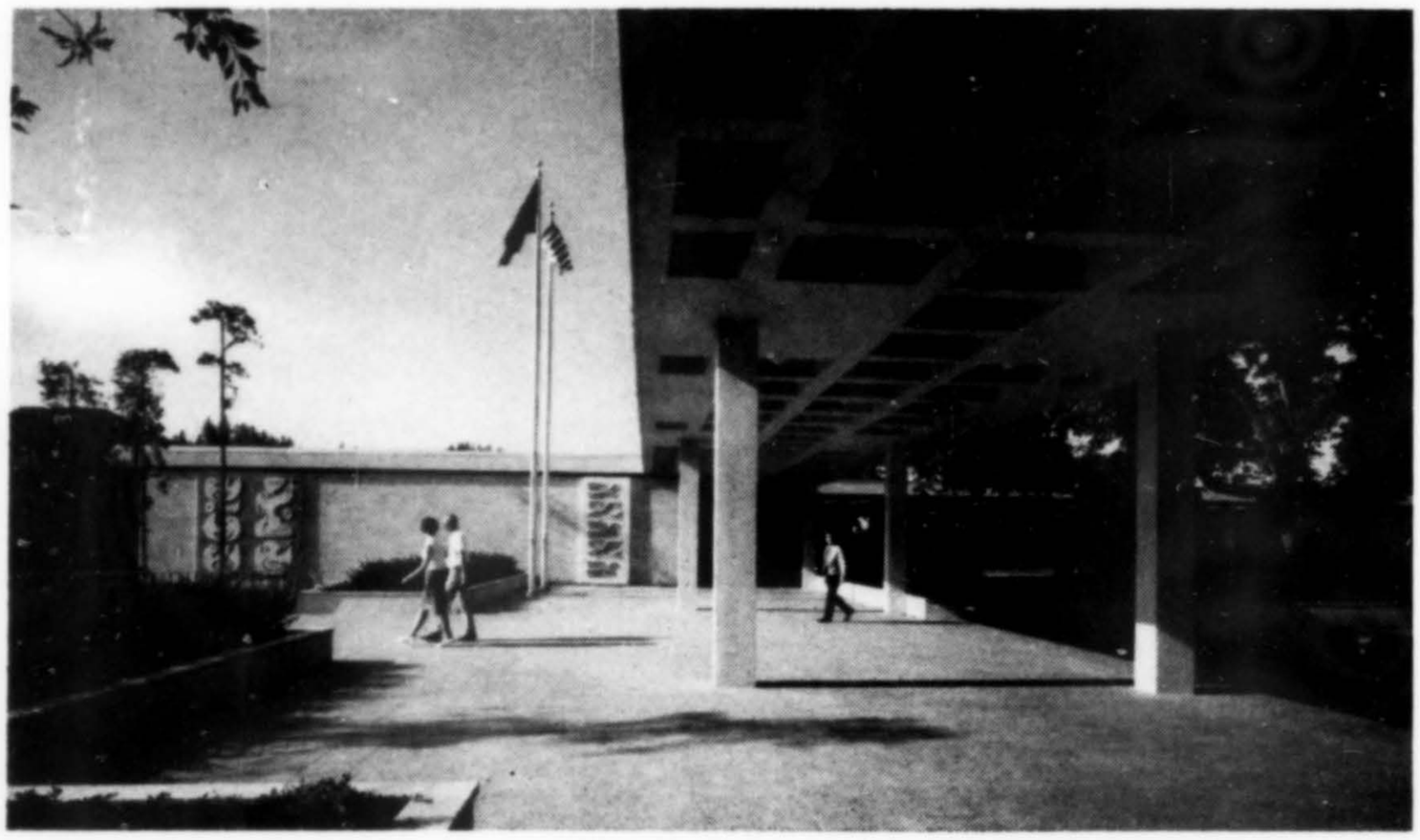
Hugh N. Stratford photos

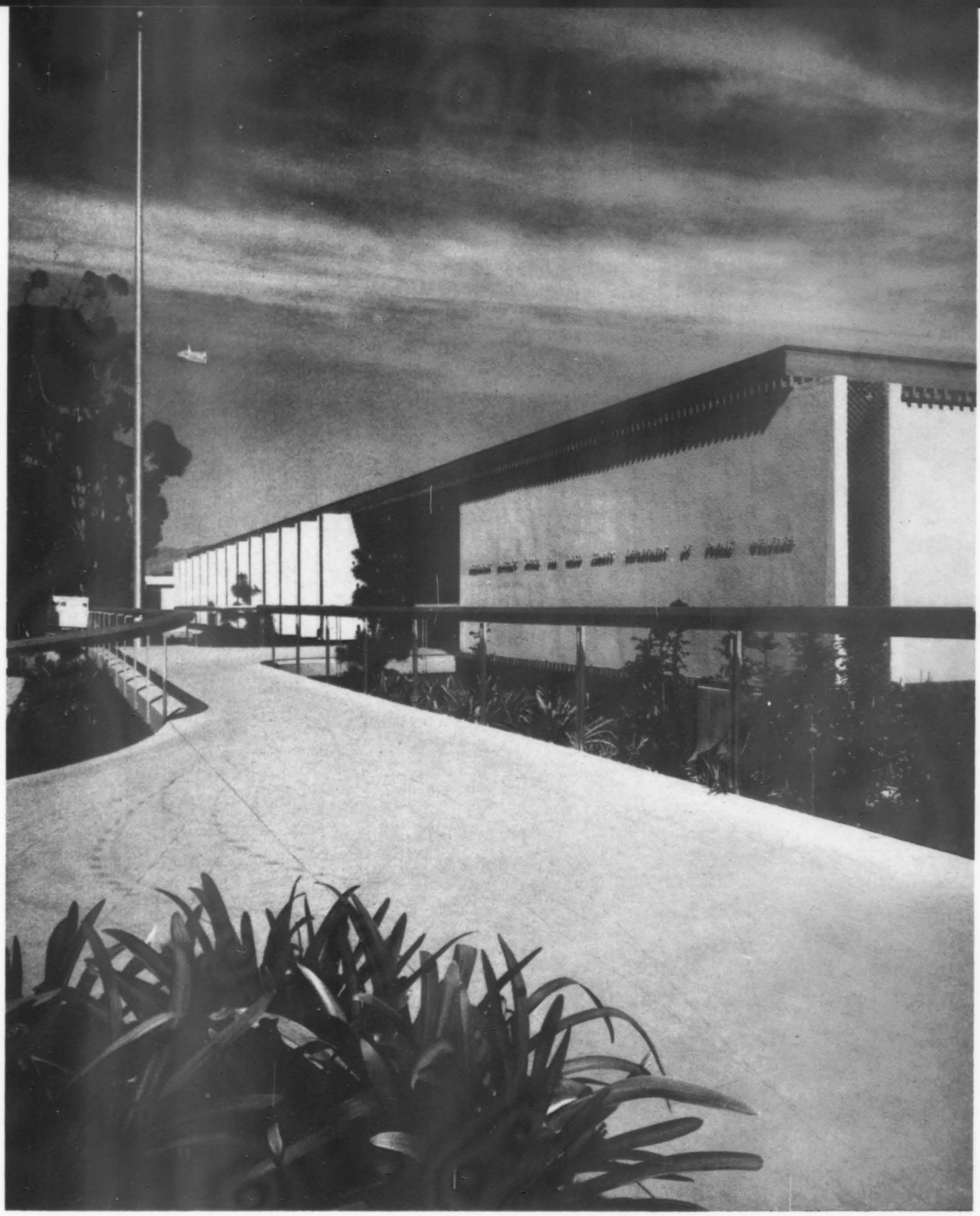


EUGENE CITY HALL

Mural in the Council Chambers depicts Eugene scenes: the Old City Hall, First Christian Church, the Library, Harris and Deady Halls on the University of Oregon campus, various industrial scenes. Bas relief panels at each of the entrances are of precast concrete designs. Redwood sculptures, three large aluminum castings representing the Columbia, Willamette and McKenzie rivers, complement the complex.





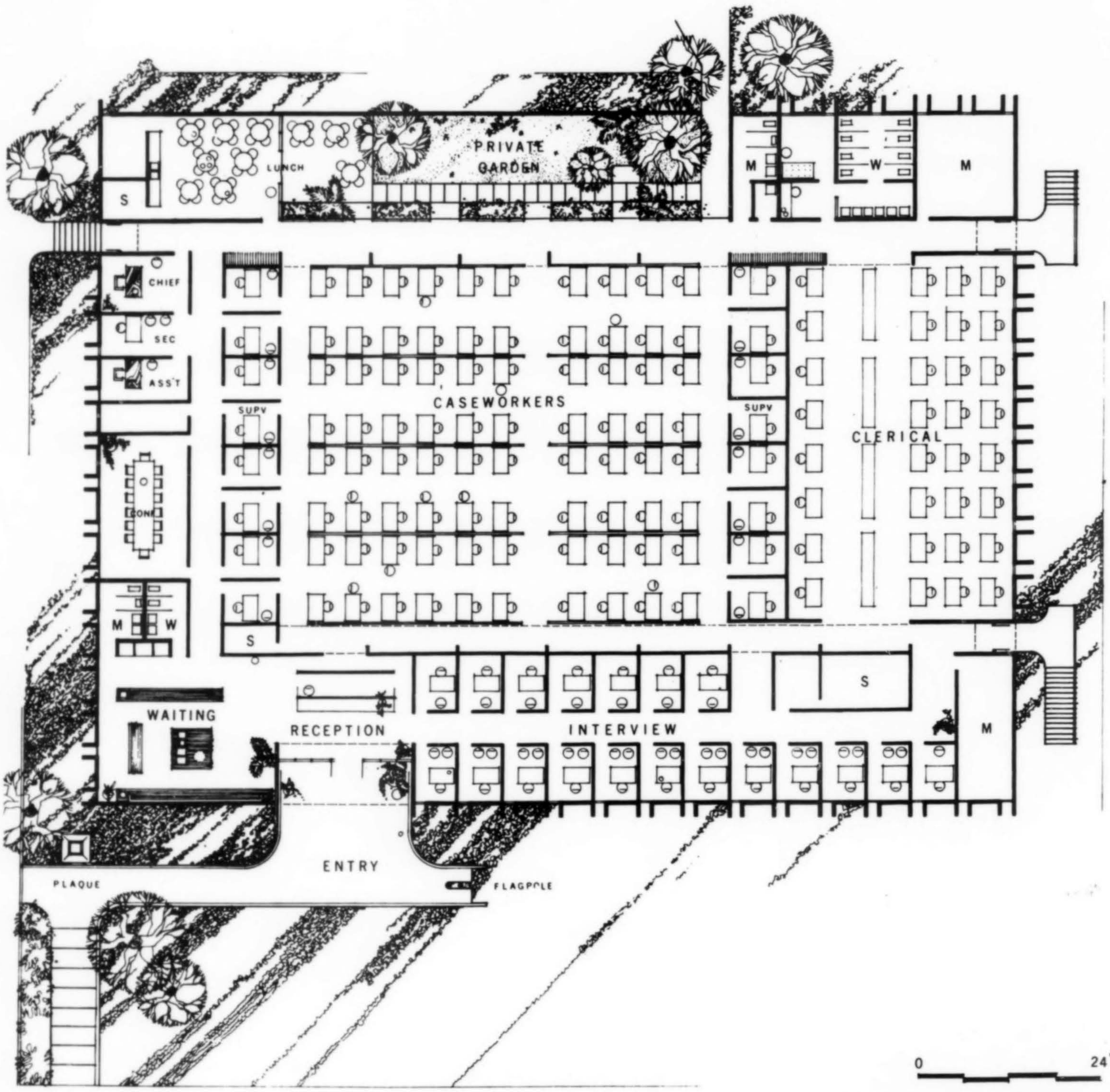


SAN DIEGO COUNTY WELFARE BUILDING

San Diego, California

Architects: DEEMS, LEWIS, MARTIN, ASSOCIATES

Contractors: EDWIN HARRIS CO. (Northeast)
RIES CONSTRUCTION CO. (Southeast)


PRIVATE GARDEN
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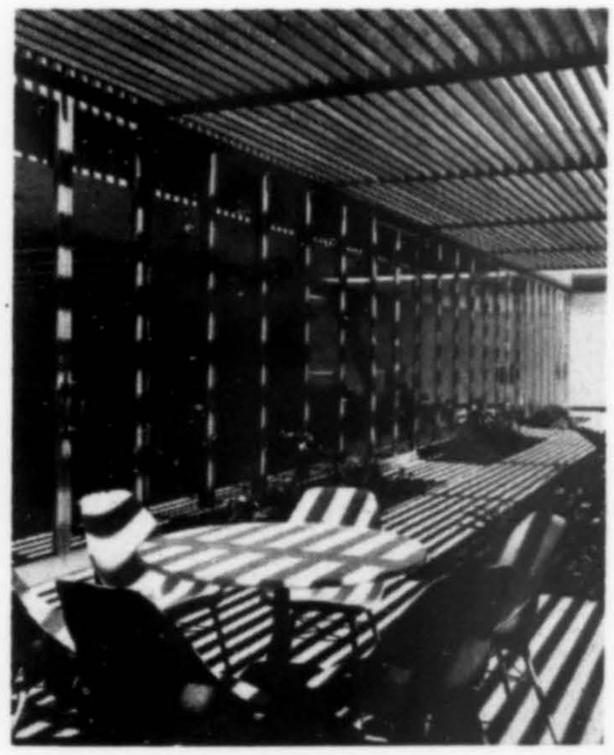
FLOOR PLAN



As a result of a decision by the Department of Public Welfare for San Diego County, district welfare offices are being established in various community areas. By decentralizing, these offices should be able to improve their service to such areas by means of closer geographical and more personal relationships for those seeking assistance.

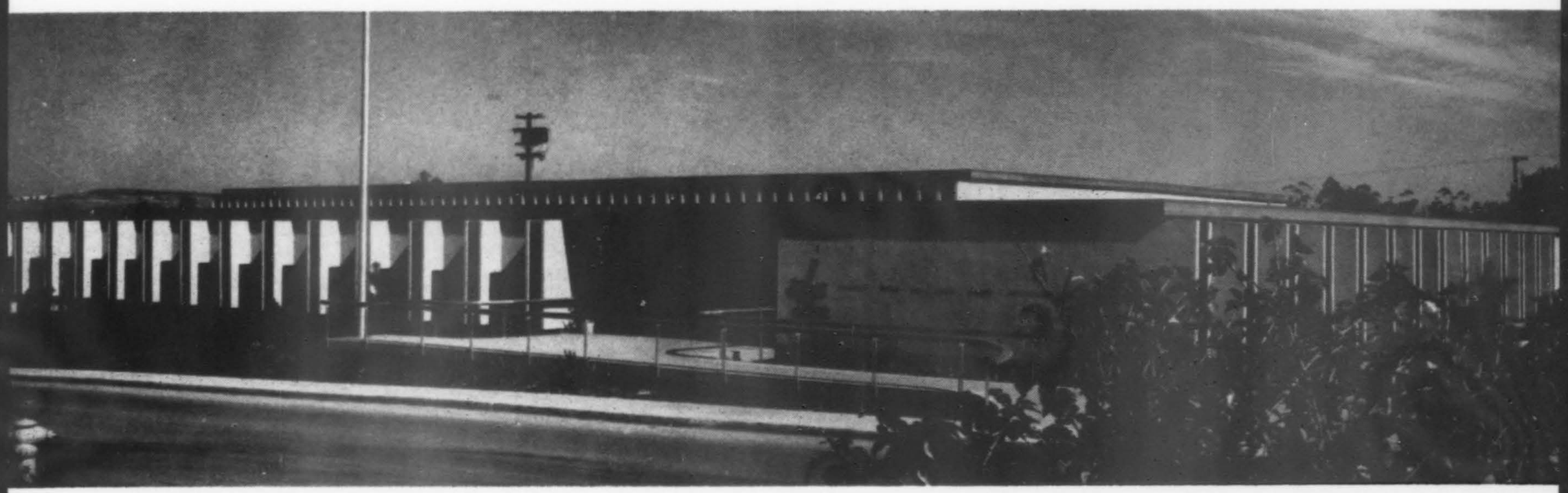
This district office, the initial one, was the recipient of a First Honor Award in the 1964 program of the Community Facilities Administration, HHFA. In a building housing more than 150 employees, the architects have sought to evoke a sociological image of a "small town" and a rather intimate association of people.

A minimal budget necessitated careful selection of inexpensive materials throughout: for the exterior, integrally-colored, spray-textured cement plaster, bronze anodized aluminum and stained redwood facia. Considerable ingenuity has been utilized in dealing with Southern California's famous sun. For functional considerations, openings to the outside have been confined to vertical slots of glass, set deep inside fin projections, and in turn shielded by aluminum sun grilles. The strong pattern of the sun control devices, coupled with the rhythmic motif of the facia, vividly identifies an otherwise straightforward building.

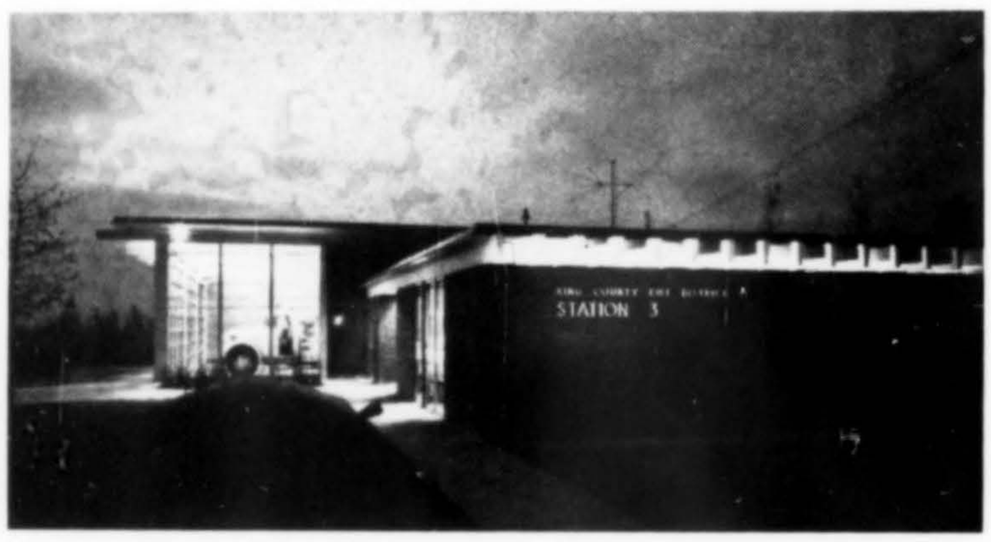
Structurally, laminated wood beams, columns, and 1-hour frame construction are employed over a reinforced concrete slab. Consultant for structure was A.J. Blaylock & Associates. Non-bearing demountable partitions are of 2½" solid gypsum. The building is completely air-conditioned.

Interior colors are neutral in shades of yellow and green. Orange-red is used for accent. All benches, cabinets and other wood details are finished in English oak. Interior waiting spaces are interestingly detailed. The fixed furniture in these spaces (tables, benches) have a Spartan elegance in their economy of material and litheness of form.

A total of 22,100 square feet was constructed for a cost of $326,000, at $12.96/sq. ft.



Hugh N. Stratford photos



STATION 3
Fire Protection District 41
King County, Washington

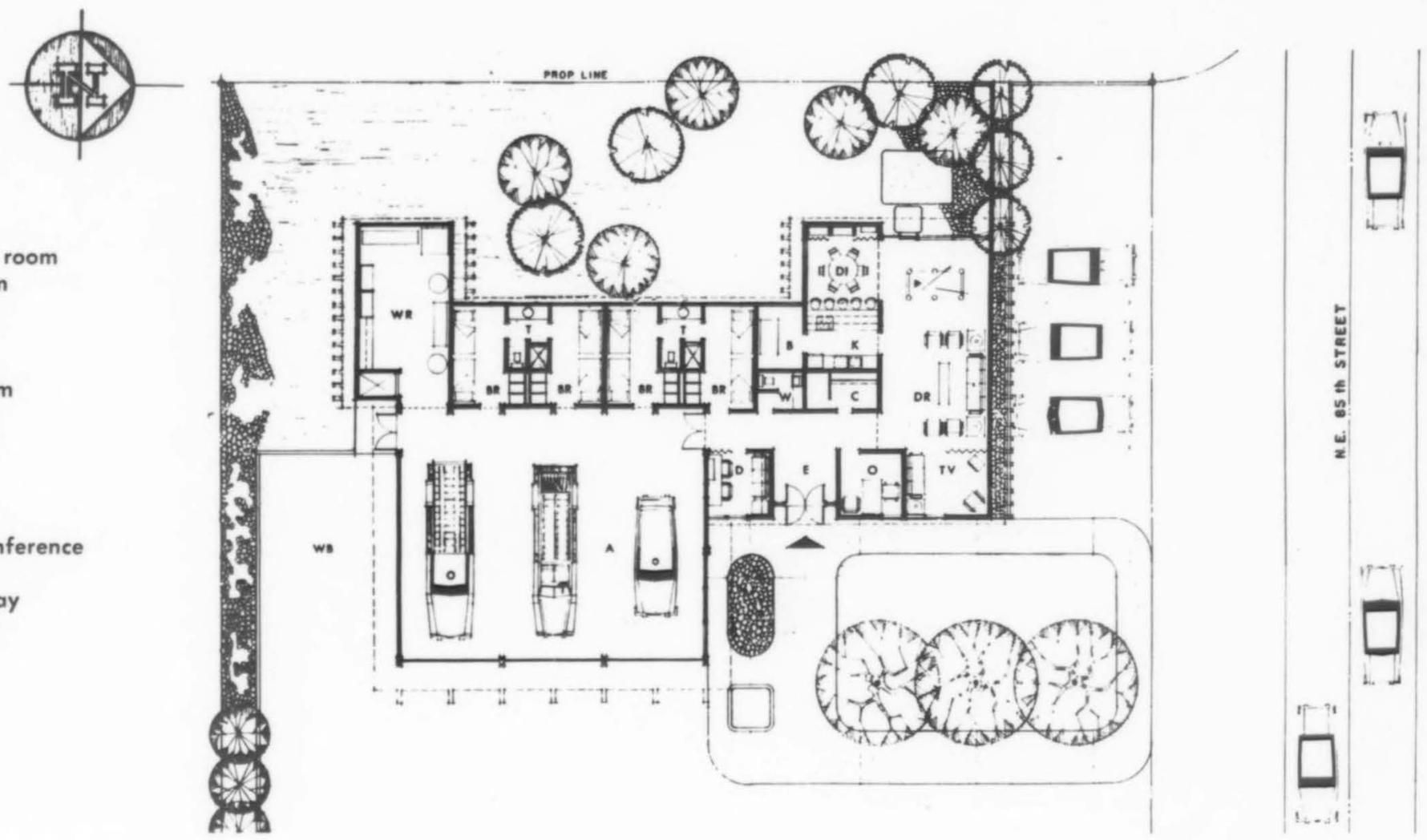
CUMMINGS & MARTENSON, Architects
E. T. HINRICHS & ASSOCIATES, Contractor

A VOLUNTEER FIRE STATION often serves as the focus for community activities in suburban areas. This station in the Rose Hill suburban area of Seattle, northeast of Lake Washington, proves the point. During daytime hours, volunteers answer fire calls from their place of employment in the nearby shopping center; for night calls, they respond from the neighboring residential area to supplement the skeleton crew remaining at the station. On weekly drill nights, the station assumes the air of a fraternal club as the entire department is assembled for instruction, practice and maintenance of vehicles. To maintain interest in the volunteer program, social gatherings for the men and their wives are programmed. These activities require flexibility in the lounge and social areas in order to accommodate groups varying from three to thirty.

The choice to build a Class A fire-resistant building will hopefully set an example that others might follow. The high-ceiling space of the apparatus room was framed with single tee concrete beams and slab, supported on precast concrete columns. Intervening filler walls are of SCR brick. The low-roof portion of the building utilizes double-tee precast concrete beams and slab which bear on reinforced SCR brick walls. The walls and roof structure are articulated by the highly successful glazing of the spaces between the beams and roof in all cases. (Structural engineer: Anderson-Bjornstad-Kane.)

On the low-lying site (requiring extensive preconstruction fill), the residential spaces were kept to the street in conformance with the neighborhood housing. A master landscaping plan by Richard Haag & Associates is being presently implemented in stages. Mechanical engineers Kane & Ervin used a hot-water radiant-heated floor for the apparatus room, insuring instant-starting engines. Elsewhere, convectors are used with some supplemental radiant floor coils at glass areas. Beverly Travis & Associates were electrical engineers.

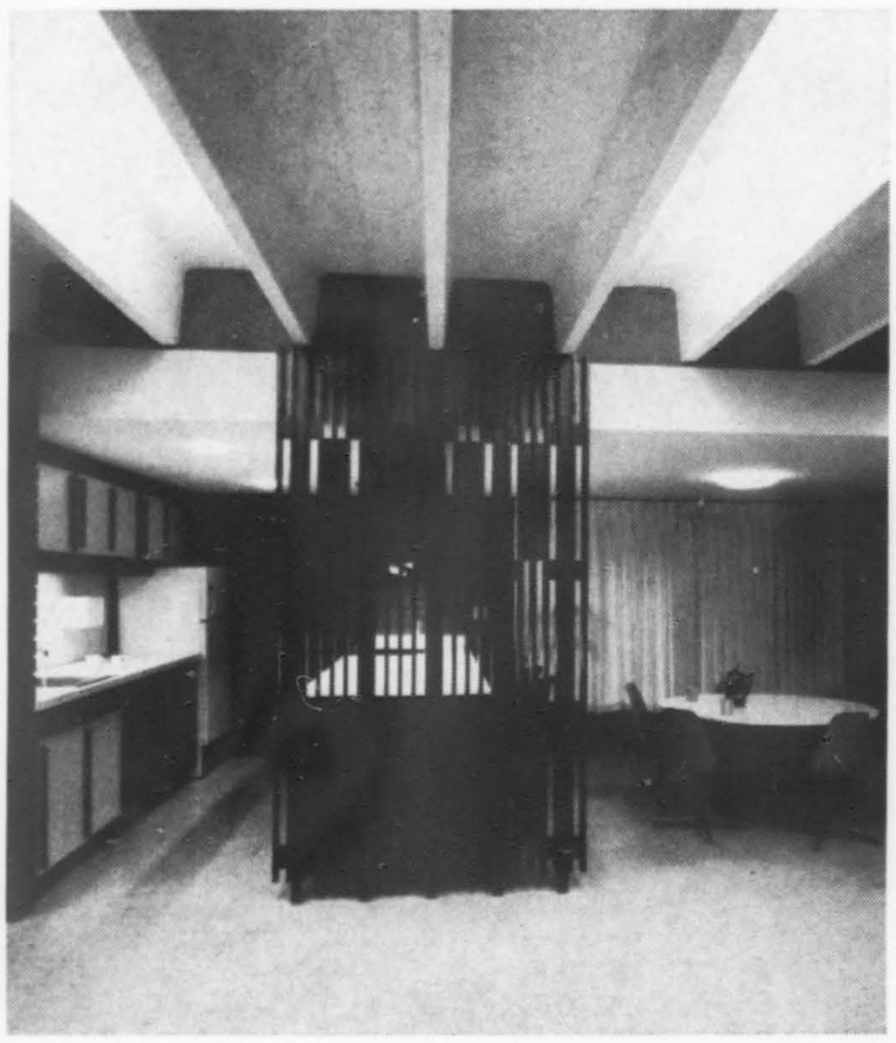
Project cost was approximately $90,000, including site work, landscaping, furnishings, fees and taxes.

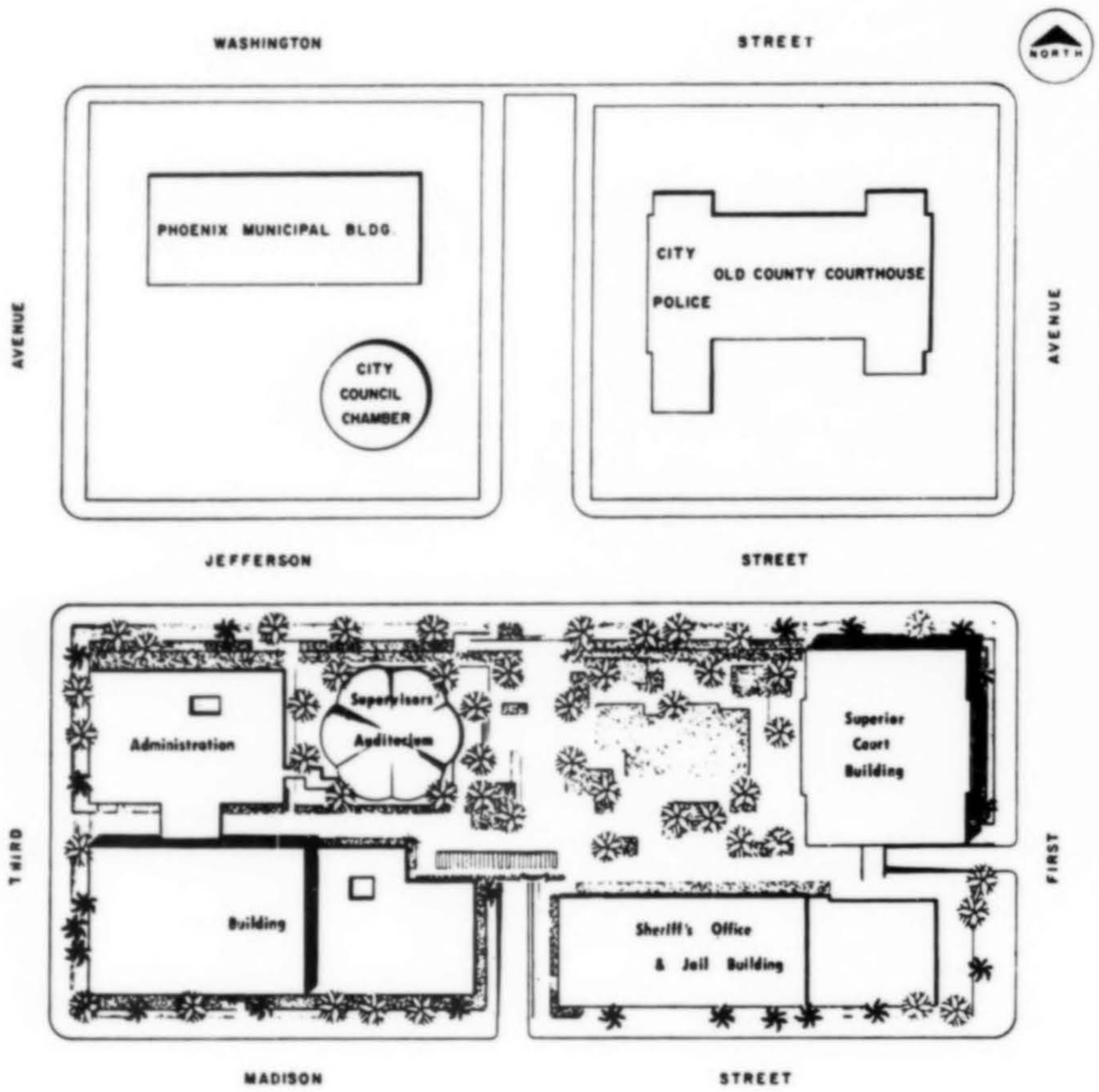


A Apparatus room
B Boiler room
BR Bedroom
C Coats
D Dispatch
DI Dining room
DR Day room
E Entry
K Kitchen
O Office
T Bath room
TV TV and conference
W Women
WB Washing bay
WR Work room

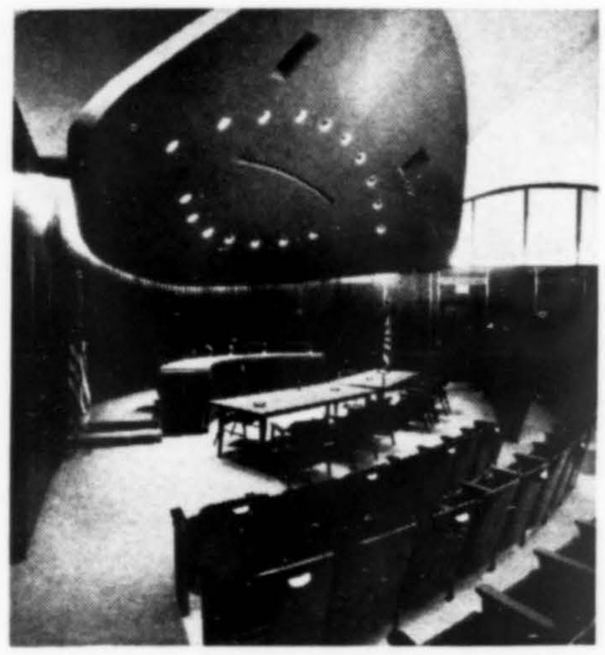
VOLUNTEER FIRE STATION: handsome community facility

The eminently livable interiors were planned in consultation with Arthur Morgan, interior designer. The architects issued specifications for bidding with provisions for bidders' submissions of alternate proposals. They found that, with care in selection, a high quality of furnishings could be economically provided. Interior SCR brick walls are used with vinyl-asbestos floors. For the smaller interior areas, the architects have used low furred-down ceilings with full-height doors: a dramatic contrast as one moves from such areas into larger spaces with higher vaulted concrete ceilings.





KITCHELL CONTRACTORS, INC.
General Contractor

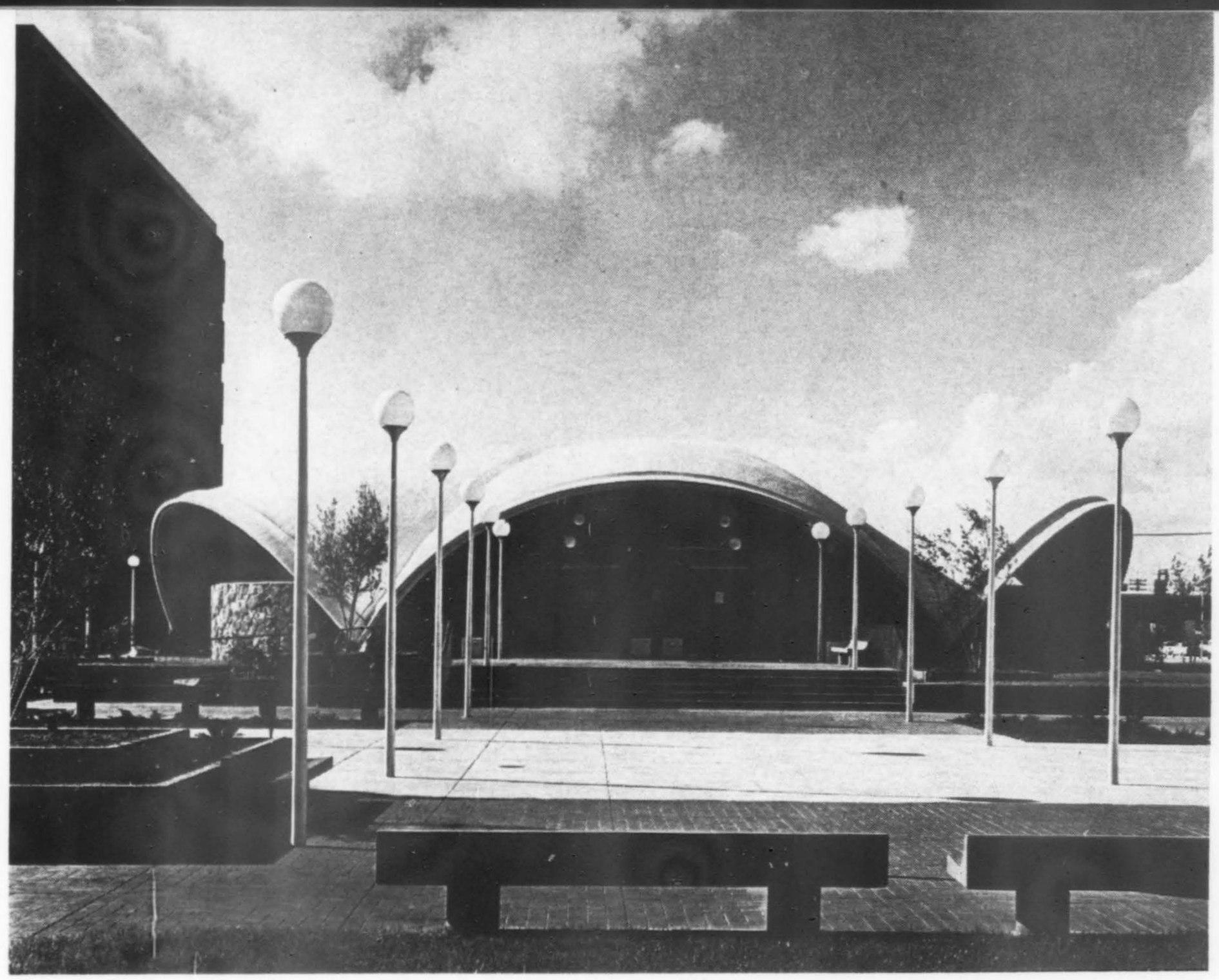


STEPHENS, WALSH, EMMONS & SHANKS
Architects

MARICOPA COUNTY GOVERNMENTAL COMPLEX: *Phoenix*

FOR THE FIRST TIME in more than a decade, 31 major services are available within easy walking distance of one another in the new Maricopa County governmental center. This $11,000,000 complex of four buildings unites three major functions of county government: law enforcement, judiciary, and administration. Designed for integration into an eventual six-block county-city governmental mall, this new county center stands directly south of the old county courthouse and the Phoenix municipal building (completed May, 1964).

The architects, working with a citizens' advisory committee, early decided to separate the three functions in individual but closely related buildings, all united by a raised landscaped plaza and common sub-level parking and service area. For maximum convenience to the public, most-often used services are available on the plaza levels. With a county of 9,000 square miles in area, growing at the rate of 3,000 new residents every month, government services will inexorably expand. This complex of 395,500 square feet has been designed to meet departmental space re-



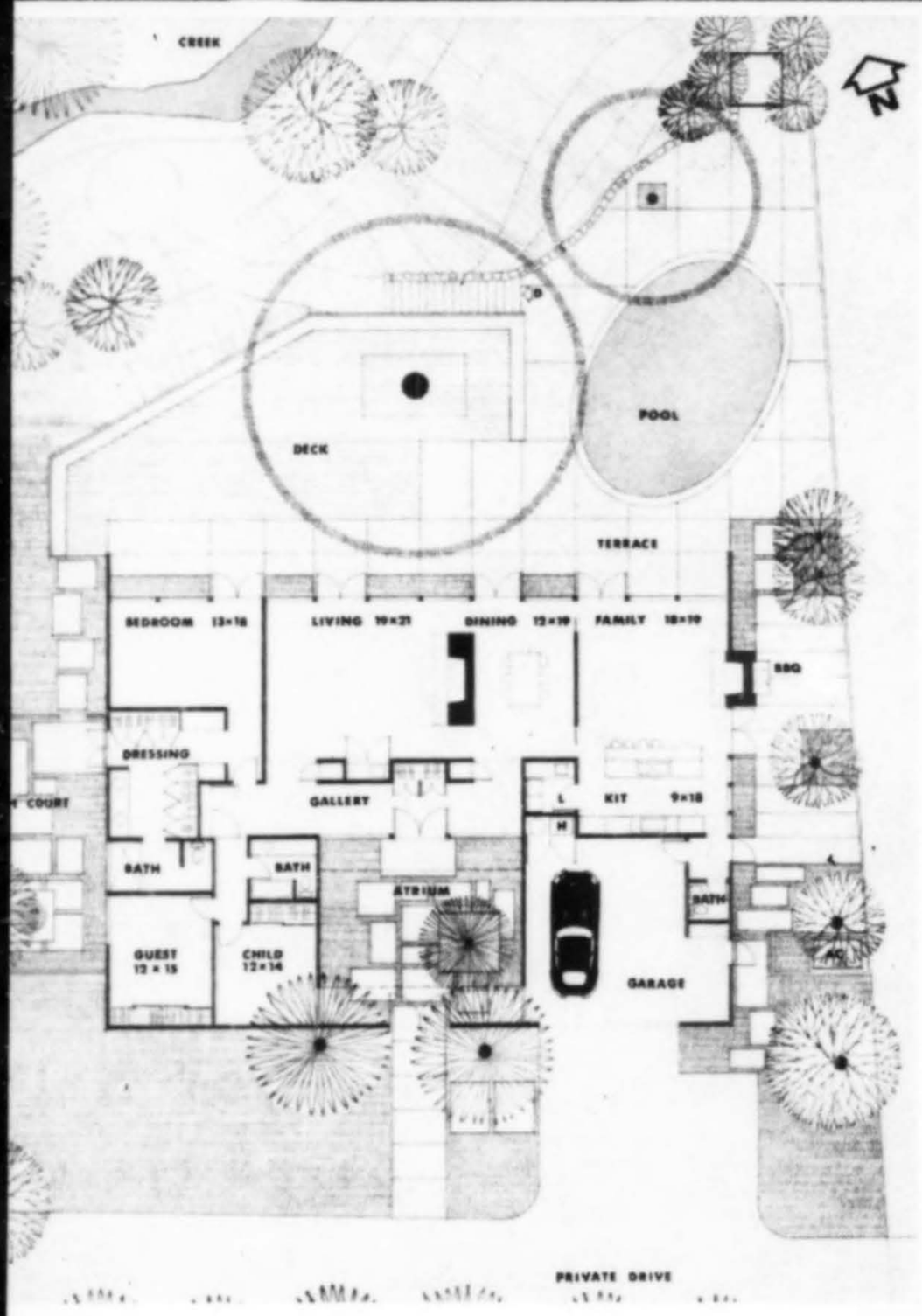
quirements through 1980. With the exception of the thin shell auditorium, each building can be expanded vertically.

Principal elements of the county offices:
Superior Court Building, tallest building with 9 stories houses 13 superior courtrooms with offices for county attorney and superior court clerk.
Sheriff's Office & *Jail* contained in four stories adjacent to courts building.
Supervisors' Auditorium, focal point of complex, is a six-vaulted concrete shell, seating 250 spectators in theatre-style comfort.
Administration Building houses remainder of county offices, with pertinent staffs in six stories.

May, 1961, saw the approval by the voters of the requisite bond issue, ground was broken December 1962, and dedication ceremonies were observed in January 1965. Precast concrete construction with stone aggregate in desert tones was selected and is harmonious with the preceding Phoenix Municipal Building.

The design team included Baker, Moody & Frederickson for mechanical and electrical engineering and John Averill as landscape architect.

Markow Photography



REFINED RURAL RESIDENCE

WOODWARD RESIDENCE
Lafayette, California

Architect/WILLIAM C. ROSSO

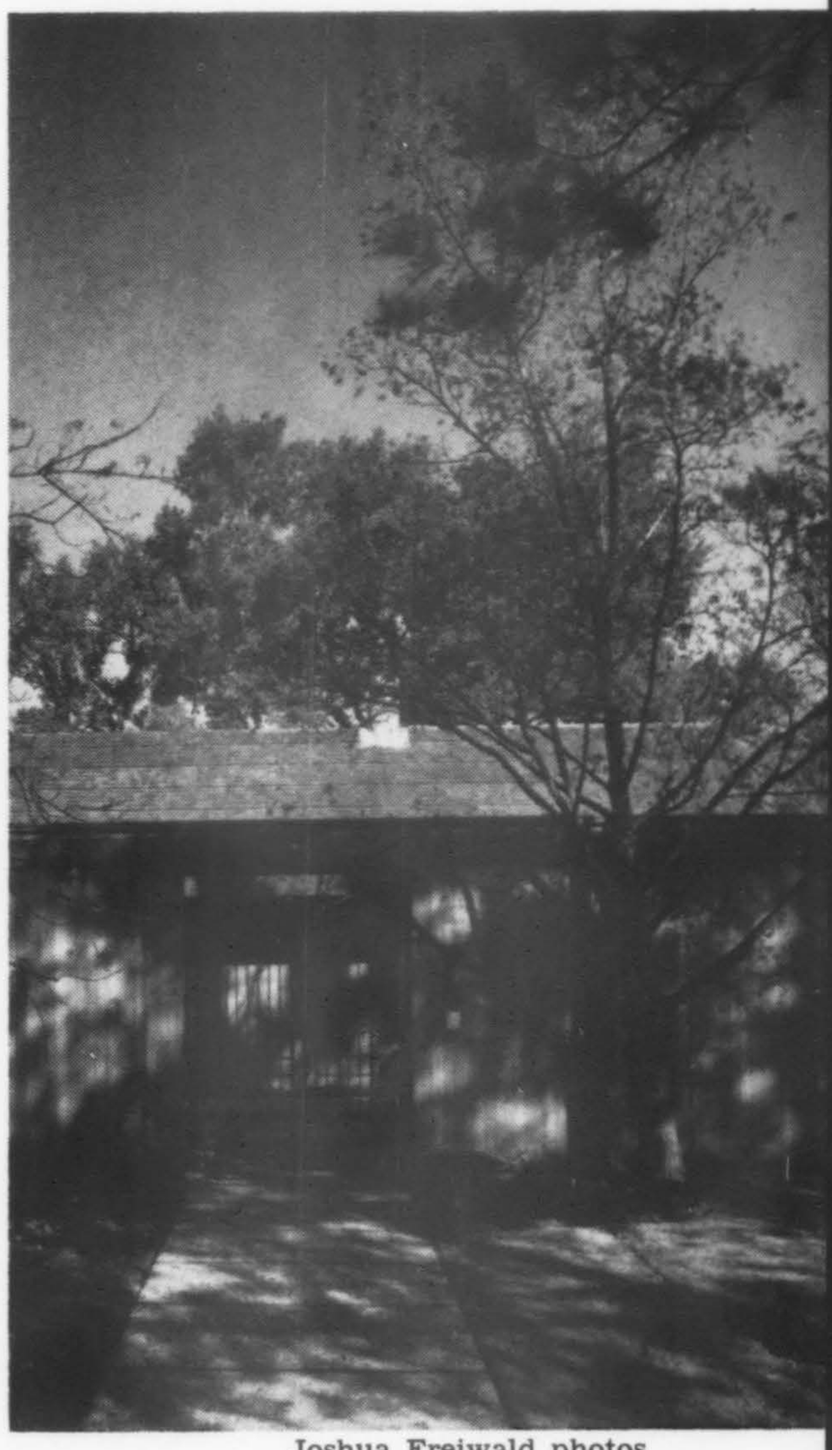
Contractor/E. A. F. CARLSON

A SYLVAN SITE—studded with trees, traversed by a running creek, yet close to the urban world—is the setting for this residence for a professional engineer and his family. A comfortable, expansive house, it presents a rather formal entrance facade as it directs all principal living spaces to the creek-woods view. Further influences reflecting the proximity of the urban world are found in the generous paved terraces, complete with oval swimming pool.

The design problem was two-fold: to design a residence suitable for formal business entertaining, but more often one to serve for informal family activities, particularly with visiting grandchildren. As a result, a compact "basic living zone", as the architect terms it, contains the family room, kitchen, bath, barbecue and pool. These areas require a minimum of maintenance.

An obvious design relationship between the interior spaces and the exterior well-developed garden areas is consistently maintained. Beyond the highly-disciplined immediate foreground, the natural creek area is visible. Anthony M. Guzzardo served as landscape architect. Natural textures and earthen colors soften the crisp geometry of the overall design pattern.

House of timber frame, is sheathed with redwood. Cement plaster surfaces the soffits; cedar shingles the pitched roof. Teak cabinets on floors of parquet oak, carpet and vinyl complete the palette.



Joshua Freiwald photos

THE GARDEN KITCHEN RESTAURANT: *casual yet elegant*

Greeley, Colorado

INTERIOR FURNISHINGS:

Vinyl wall coverings: Atlantic Coated Fabrics; *Carpeting:* Painter Carpet, Mariah MA164, Verdetweed; *Chairs and benches:* Frederic Weinberg Company; *Booths and wood screens:* custom made by Federal Planing Mill; *Pottery:* Architectural Pottery; *Artificial foliage:* Fashion Foliage.

DONALD R. ROARK
Architect

In a setting that makes the most of the surrounding natural beauty, the Garden Kitchen Restaurant achieves a mood of casual elegance. The architect, who was also the interior designer, chose basic colors of olive green with accents of black and burnt orange to set the mood.

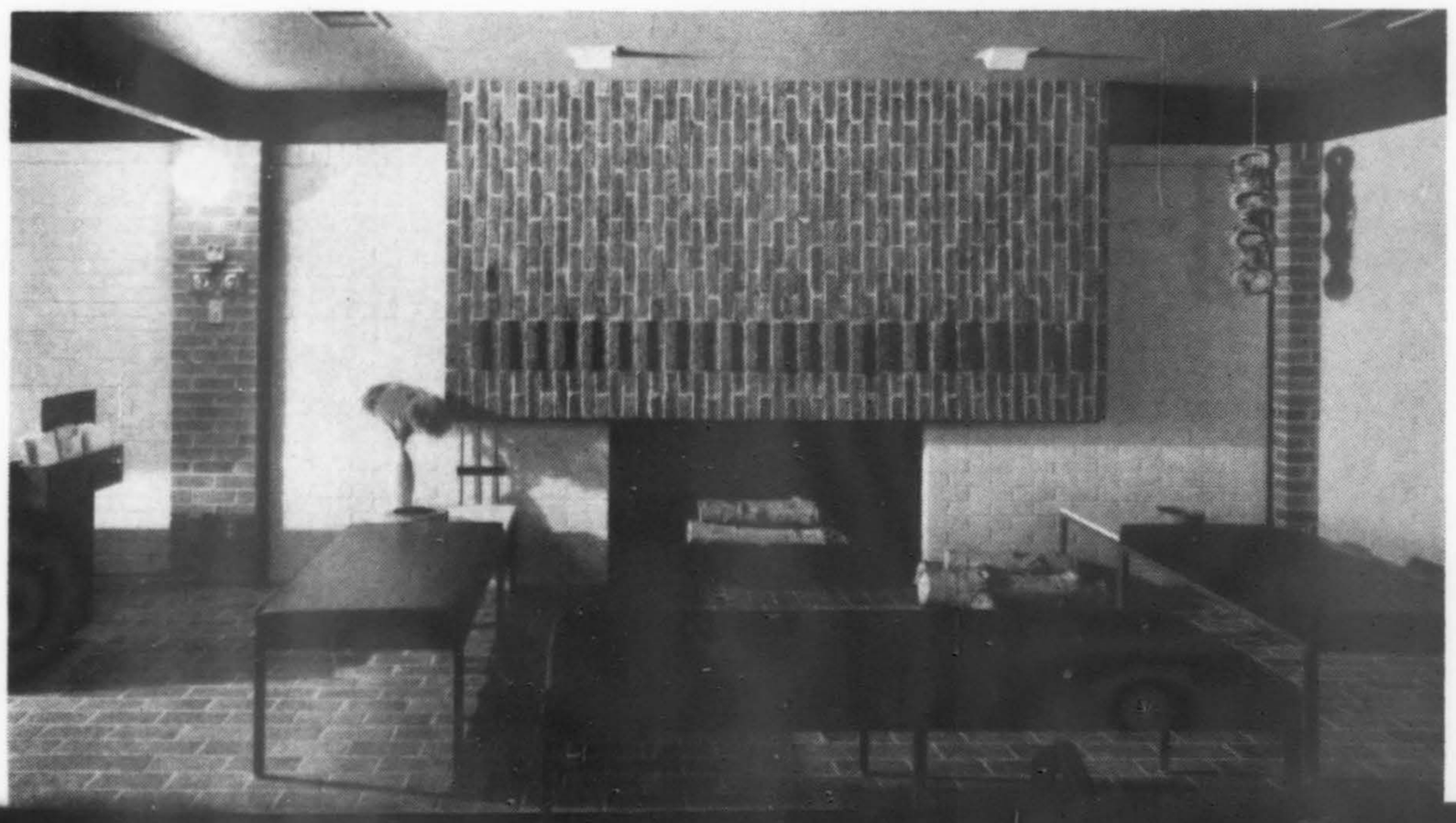
The restaurant, an expansion of an existing business, is located in a small shopping area, adjacent to a landscape nursery, further complementing the setting. In integrating the new building with the old structure, simple materials were chosen. A series of independent brick piers support rough sawn wood beams, left a natural color, form a covered walkway facing the parking areas. Exterior walls are cavity brick, painted white, and glass.

In the dining area floors are carpeted in Verdetweed, predominately olive green; floors in entry, lobby and rest rooms are brick pavers. Walls are covered in vinyl in a striped two-tone olive green and a companion striped fabric in toned black. Accent walls are a lighter green. Ceilings (of mastic applied acoustic tile) are painted an olive green with beams in a deep brownish-green color.

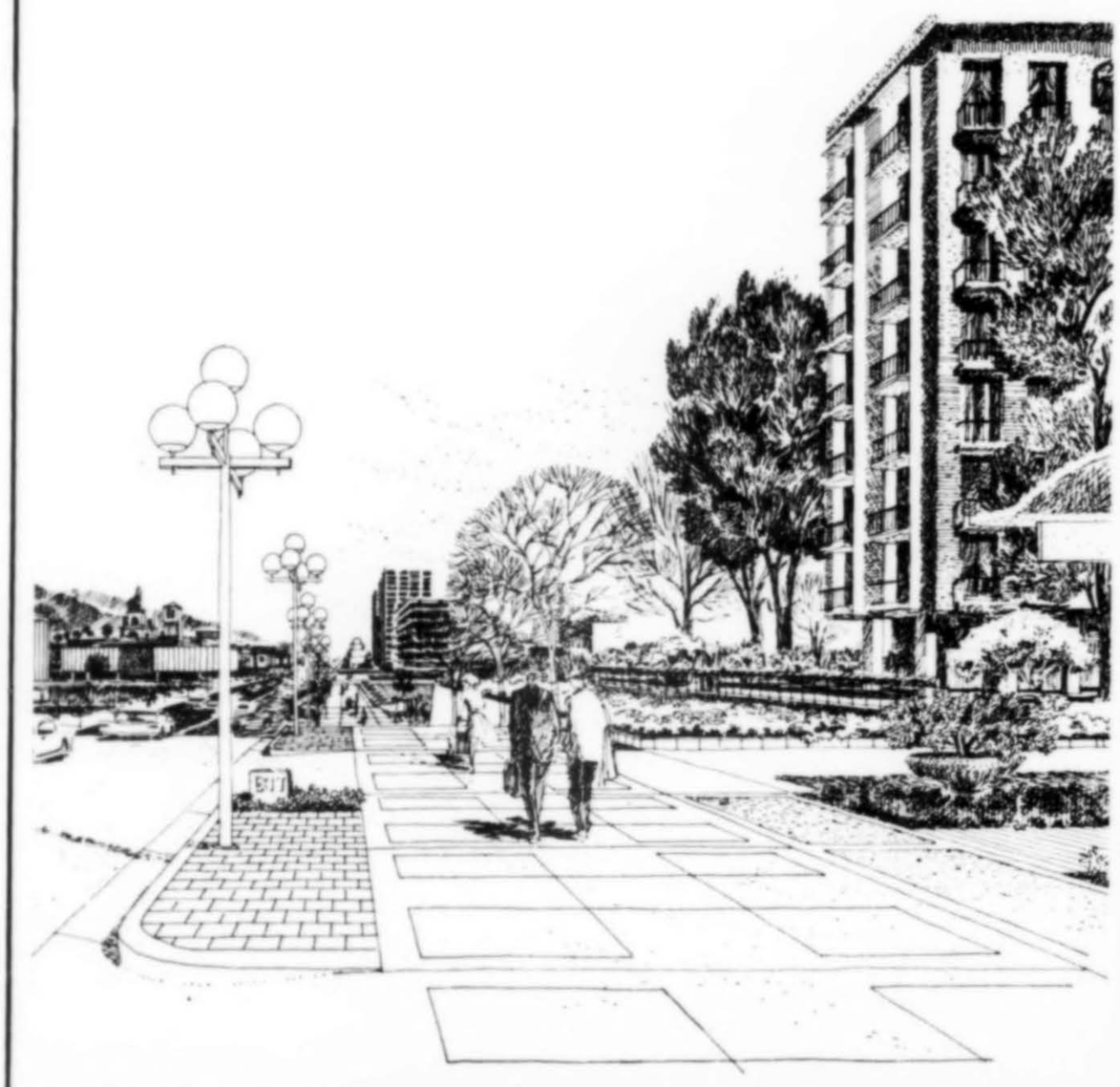
Booths, in black, are custom made as are the screens. Burnt orange chairs complement beige tables.

Total cost of the expansion and remodeling was $80,863 of which $12,000 was for carpeting and interior furnishings; $20,000 for kitchen equipment. Manion-Cropper Construction Company was contractor.

Winter Prather photos



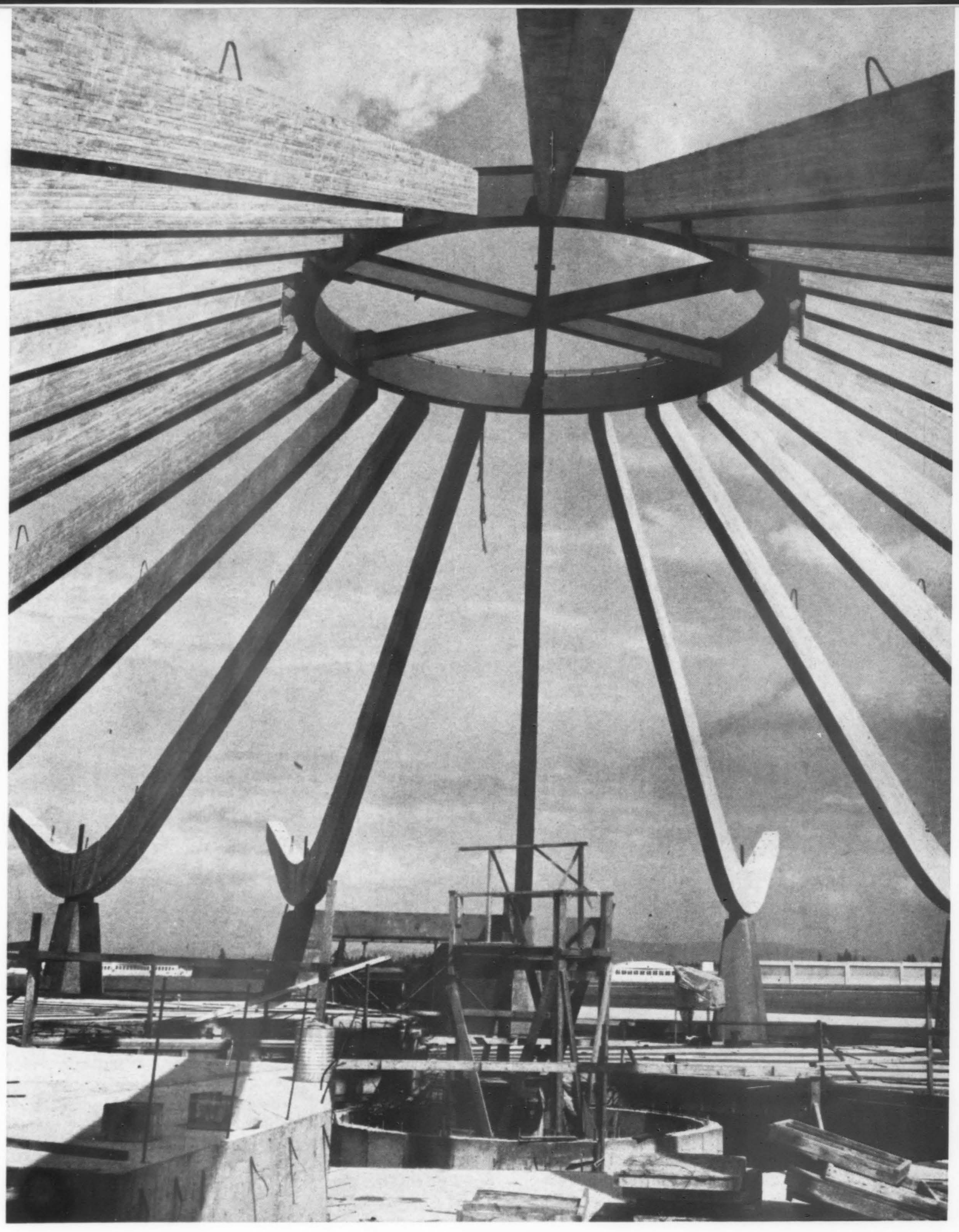
IN SOUTHWEST PASADENA, a 276-acre site designated as Redevelopment Area II, has been the subject of intensive study and planning. By mid-year, it is hoped that the project can be under way. Three specific objectives were paramount in this study: to halt the intrusion of blight into the Pasadena city core; to improve the southwestern freeway gateway to the city; to provide adequate sites for major research concerns. Studies by the architects-planners recommend the establishment of a research and development park, "an urban think center", to be located between California Institute of Technology and the Jet Propulsion Laboratory (see upper sketch). Other proposals include a medium-density residential development, a transportation center, a specialty shopping area (primarily a refurbishing and preservation project). For the area adjacent to Colorado Boulevard, recommendations call for this prominent site being made a part of the Carmelita Cultural Center (lower sketch).



Urban Design:

SOUTHWEST URBAN RENEWAL AREA
Pasadena

Architects-Planners:
PULLIAM, ZIMMERMAN & MATTHEWS



Concrete Reposed in the Static Motions of Flight

WHILE THEY WERE BUILDING IT, Spokane's new airport complex which is being dedicated this month, looked like a cross between a ski jump and a roller coaster. But now that it is completed it looks like the terminal that it is, in a variety of slopes and curves more pleasing than most, and

TERMINAL BUILDINGS
Spokane International Airport
Spokane, Washington

Warren Cummings Heylman and
William Henry Trogdon
Project Architects

Landrum and Brown
Airport Consultants

Esvelt and Saxton
Structural Engineers

H. Halvorson, Inc.
General Contractor

down to a more human scale than most such facilities.

The Spokane terminal is particularly feature-worthy for the materials used to achieve the design and for the methods employed in putting the materials in place.

The terminal complex consists of a receiving and ticketing structure, a restaurant and observation rotunda and two passenger loading finger buildings, connected by sheltered concourses and embracing 101,000 sq. ft.

All buildings have precast exposed aggregate panel and glass walls; the finger buildings have concrete slab flat roofs on steel web roof joists over precast concrete bents; the rotunda and receiving buildings have concrete slab roofs over steel joists supported by precast concrete long span beams in "ski-jump" shapes.

The rotunda structure is 24 radial roof beams extending from a 24-ft. diameter welded steel box compression ring and resting on concrete piers and cantilevering another 30 ft. beyond the piers. These beams are 90 ft. long, tapering from 16x50 in. at the bottom to 10x24 in. near the top of the dome, and weighing 28 tons each. In place they are 40 ft. high at the ring. At the perimeter they are 14-1/2 ft. above the floor level.

The contractor first established the 10-ton compression ring atop steel scaffolding with a 65-ton crane, and then used the crane to place diametrically opposed beams. Beams were anchored to the piers with four 1-1/2-in. steel rods cast in the piers and passing through slots in the beams and then post-tensioned to 133,000 lb. initial force. At the ring the beams were fastened with 2-in. steel pins passing through tabs welded in the ring and inserts embedded in the beams.

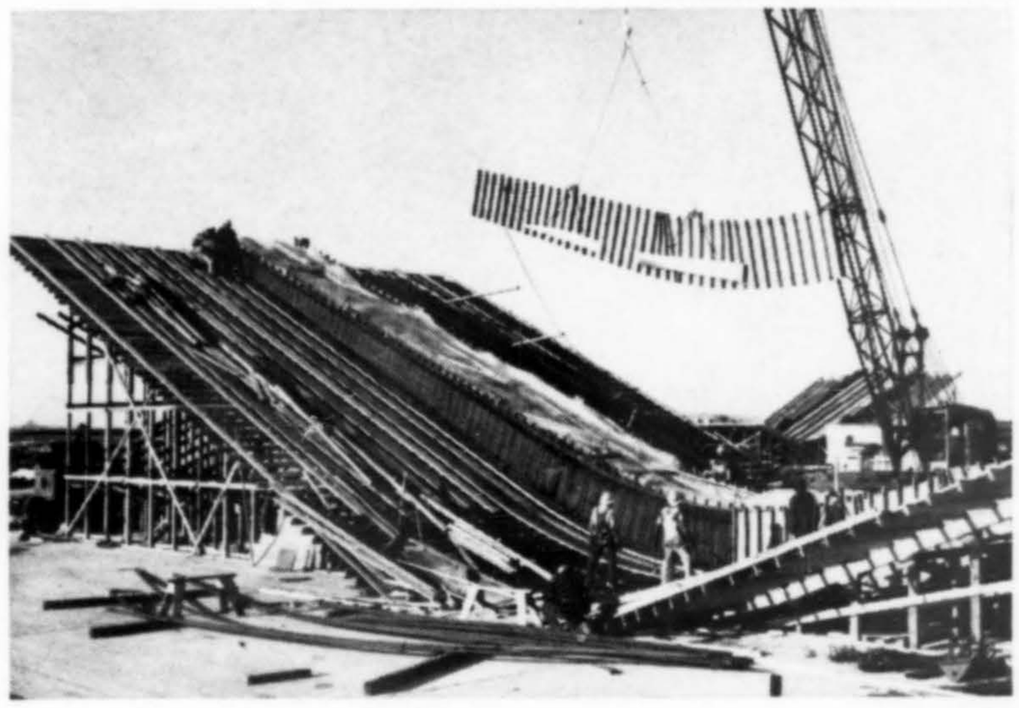
Open web steel joists span the beams, supporting galvanized steel forming for the concrete slab, which is covered with Gaco hypalon over neoprene-butyl membrane.

Roof beams for the rectangular receiving building are similar in shape, anchored at the base to piers, but supported at the upper end by steel I-beam haunches that form the opposite face of the building.

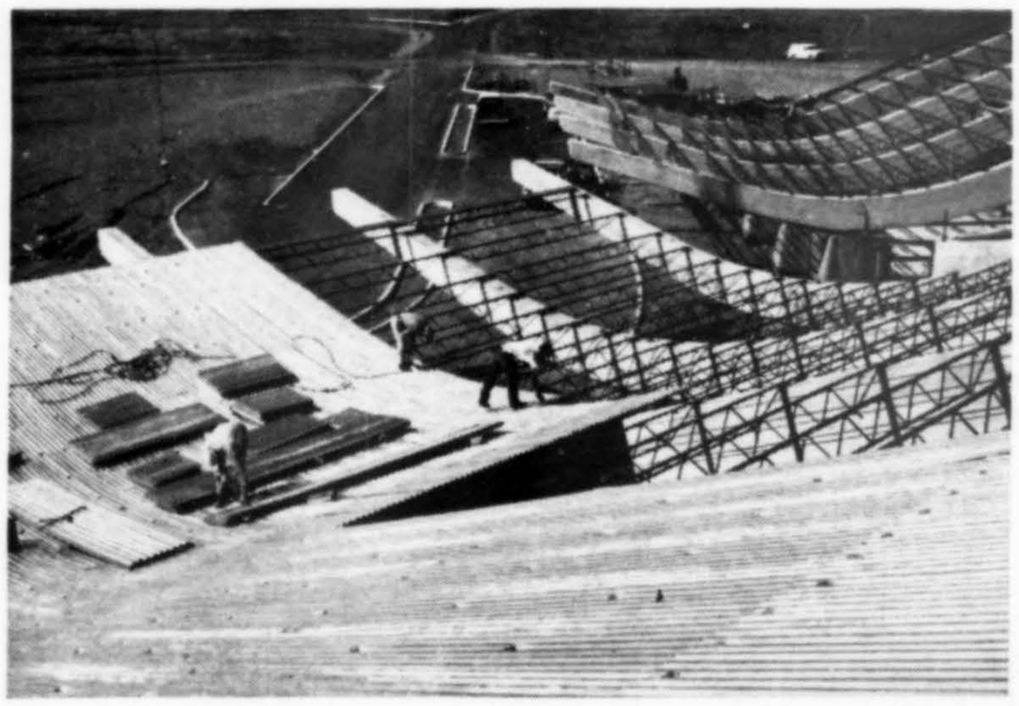
The design serves several purposes in addition to gracefully resembling the static motions of flight itself. The low facade reduces glass area maintenance, heat loss in winter, heat gain in summer and reduces transmission of jet sound. The 30 ft. overhang will permit doubling the floor area of the rotunda simply by moving the curtain walls outward if future expansion requires.

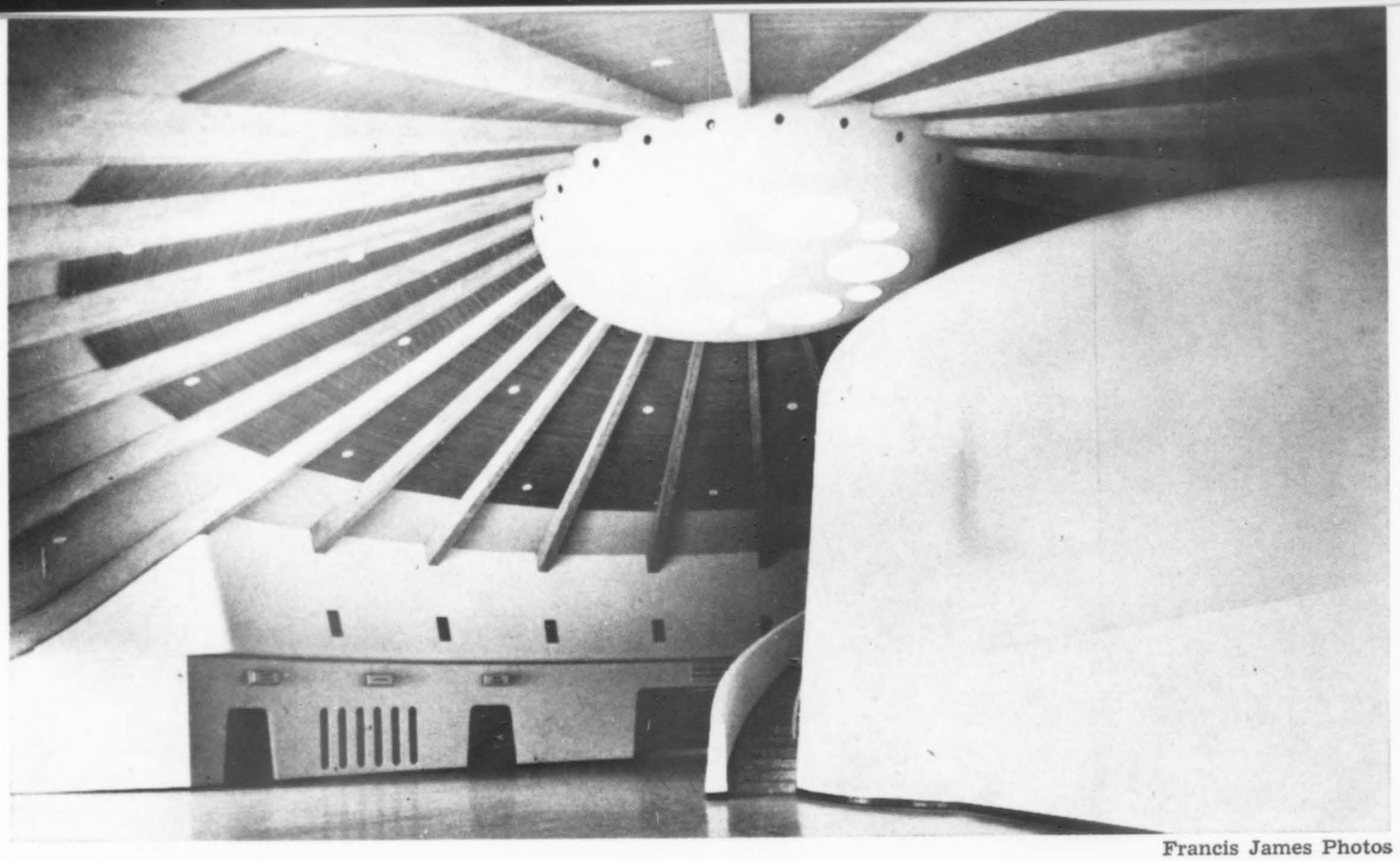
Design with repetitive shapes helped hold costs lower than $2 million.

Bethlehem Steel Photos

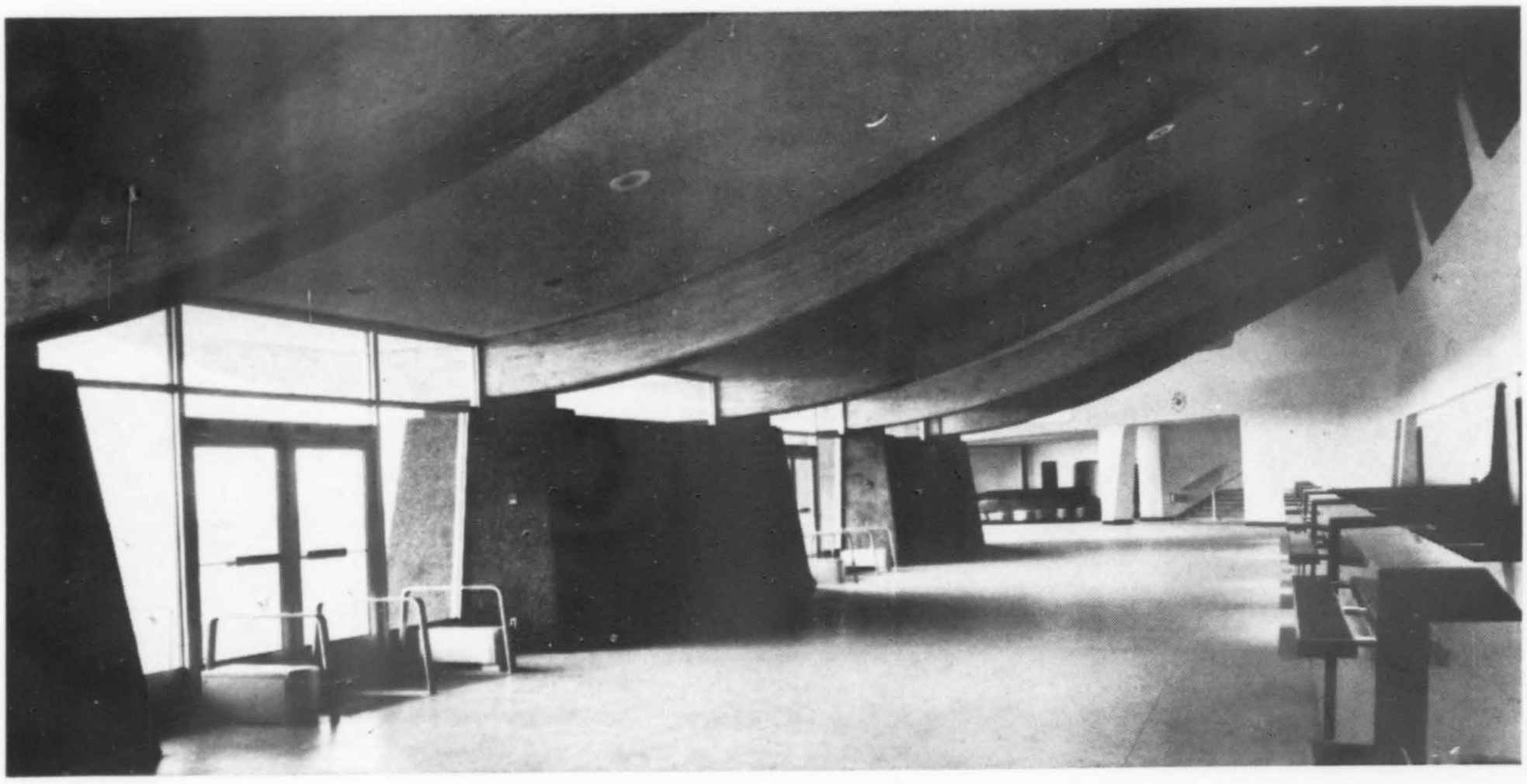


"Ski jump" casting bed permitted casting beams in exact inclination they would assume in the finished building, simplifying placement of conduits and connectors. Roof concrete was poured on Bethlehem Slabform over Armco steel trusses and on Granco Corruform. Interior finishes at right include precast exposed aggregate walls, terrazzo and wood block floors, rough textured stucco and vinyl walls; acoustical plaster and tile ceilings. Circular room at top right was framed with Armco open web steel joists used as "studs", with metal lath and plaster on the inner and outer chords of the vertically installed joists.

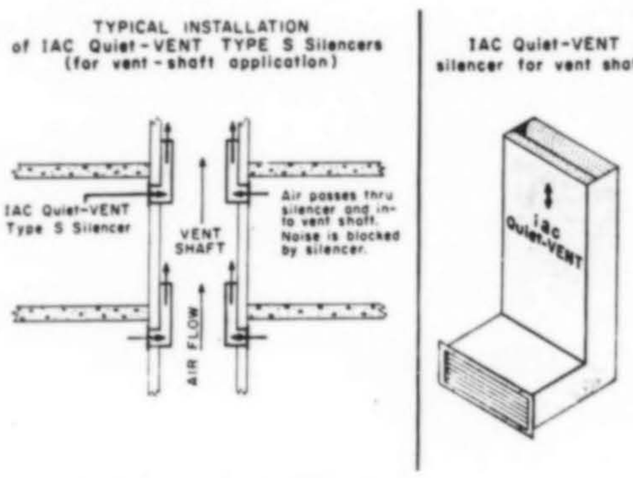




Francis James Photos



PRODUCTS



vent silencer for air shafts

A Quiet-VENT silencer for installation in vertical air shafts is said to provide a noise barrier that blocks transmission of noise between bathrooms, washrooms, kitchens, and similar areas connected by a common vent shaft. It does not prevent passage of air. Designated Type S, the vent-shaft silencer also eliminates use of fire dampers. The silencer has a Speech Interference Level rating sufficiently high to insure necessary privacy for building occupants. The silencer is rectangular in shape; has an outer casing of fabricated galvanized sheet steel with inner acoustic baffles of galvanized perforated steel. The unit is packed with an inert acoustical filler material which is vermin and moisture proof. Sizes are available to fit all standard vent openings wtih special sizes available.—Industrial Acoustics Co., Inc. (A/W), 380 Southern Blvd., Bronx, N.Y., **Coupon No. 30.**

compact wall mounted water cooler

Water-Boy, a new wall mounted water cooler is of modern, compact straight line design, with stainless steel, non-splash top. Steel sides are smooth, glossy baked acrylic enamel with pearltone grey finish. The Water-Boy is available in 5 and 14 G.P.H. models.—Pump & Water Conditioning Division (A/W), Uniflow Manufacturing Co., Erie, Pa. **Coupon No. 31.**

low-cost textured vinyl flooring

Aegean vinyl corlon, a new line of low-cost textured sheet vinyl flooring with Hydrocord backing is available in three light colorings in a Mosaic series and a Travertine series. It has a deeply textured surface that is said to help hide scuff marks, traffic indentations and subfloor imperfections. The moisture-resistant Hydrocord backing allows Aegean tile to be installed on, above or below grade. Mosaic series has the look of handcrafted ceramic shapes and overall monolithic design. It is available in beige, white and a multi-color effect, each with complimentary accents. Travertine series simulates travertine marble and is offered in natural beige, ivory white and tan.—Armstrong Cork Co. (A/W), Lancaster, Pa. **Coupon No. 32.**

fire windows with automatic closer

The introduction of a new "Steelbilt" fire window series said to be the first available with an automatic closer complying with existing code requirements, has been announced. The window is designed with patented top roller engineering. Sliding panels travel on stainless steel ball bearing rollers in a precision track. The closer, installed in the head section, is automatically triggered by temperatures above 165°. Non-removable panels may be manually operated. Matching fixed fire windows are also available. Frames are prime-coated and available finish-painted in any color on special order.—Pasadena Engineering Corp. (A/W), 3270 E. Foothill Blvd., Pasadena, Calif. **Coupon No. 33.**

push button plumbing

The Ultraflow push button plumbing system, "K-Bank," is designed for quick and easy kitchen installation. It is a complete package with everything needed for installation: valves, tubing, wiring, required fittings. The system has a push button control console mounted on a pedestal behind the kitchen sink spout. No preliminary rough-in time is required. The disposer is operated on the same 12 volt system as the unit, requires no separate wiring. The control valves provide hot, cold or automatically blended water to any pre-set temperature desired. Pressure or flow can also be pre-selected. Ultraflo solenoid valves have only two moving parts, the same type as used in automatic washers.—Tappan Co. (A/W), Mansfield, Ohio. **Coupon No. 34.**

A/W pinpoints . . .

IN DENVER . . .

architects Berne, Muchow, Baume and Polivnick used Weyerhaeuser paneling effectively in the conference room of the Public Service Company of Colorado building. This is architectural grade teak, quarter-sliced and fire-retardant treated.

modular wood panels for doors

Among new designs developed by Panelcarve is the "Sunburst" door with complimentary decorative panels. In addition to the carved modular wood panels for doors, there is available an 18x80-in. panel for screens or room dividers, a decorative alphabet and series of numbers in 9x9-in. squares. All panels are in modular sizes with tongue-and-groove edge details permitting easy assembly. Panels are carved from kiln-dried redwood heart, treated to look aged. —Panelcarve (A/W), Box 5215, Santa Barbara, Cal. **Coupon No. 35.**

colorful coating against weather

Deterioration of concrete, steel and other structural materials by weather, chemicals or other corrosive agents can be prevented by Colma Protective Coating, a dual-purpose coating that protects while it decorates. A two-component epoxy system of paint-like consistency, it provides a glossy, durable, chemically resistant coating that adheres tenaciously. Colma Coating comes in standard red, green, gray and white, aqua and clear. Additional colors are available on special order. It is recommended for use with concrete or steel and is said to provide easy maintenance. — Sika Chemical Corp. (A/W), 35 Gregory Ave., Passaic, New Jersey. **Coupon No. 36.**

fire retardant, non-drip paint

"Flameless", a premium latex wall paint that's easy to apply, washable, colorfast, has high covering power and with two coats will pass Federal Spec. #SS-A-118-B for fire retardance without the addition of chemicals or odor, is recommended for hospitals, schools, nursing homes and factories as well as residential use. It is said to be non-supporting of combustion, wet or dry. Made with the exclusive Acrylox process, the paint is smooth flowing, yet positively non-dripping. Dries to touch and is available in 16 pastel colors and white.—Carter Manufacturing Co. (A/W), Cleveland, Ohio. **Coupon No. 37.**

low-cost gutters, downspouts

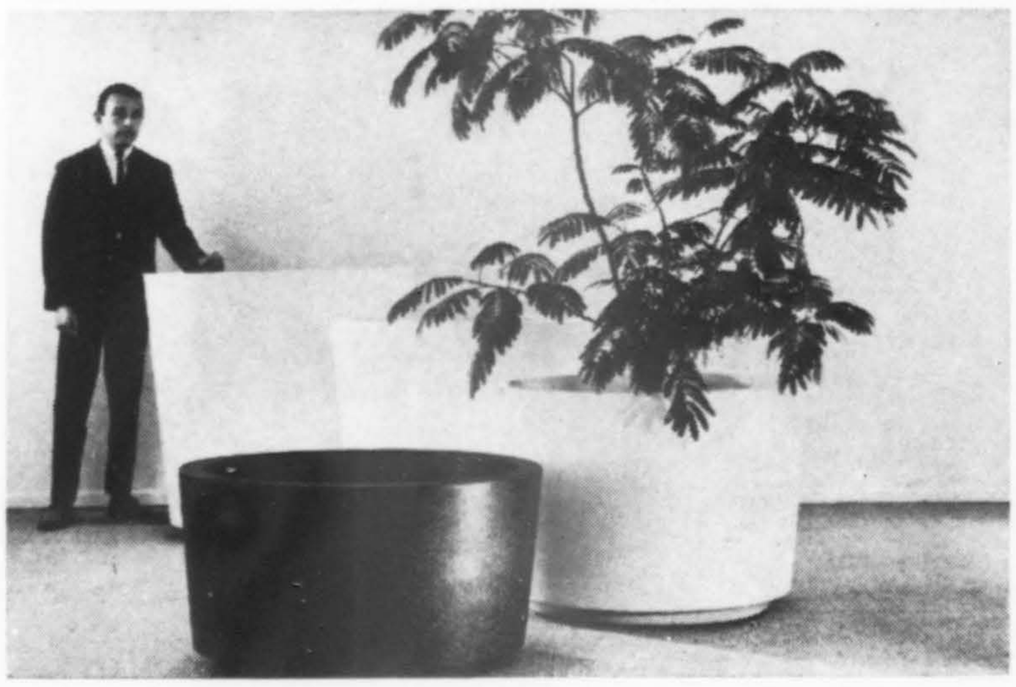
An aluminum gutter and downspout system specifically designed for areas where ice and snow loads are not a problem has been introduced by Alcoa. The 270 line system is a light-weight version of the standard Alcoa product, but uses .027-inch material rather than usual .032-in. Available in natural mill finish or coated with white baked enamel Alumalure, Alcoa 270 is practically maintenance-free. Sizes range from 10 to 20-ft. lengths. —Aluminum Company of America, 604 Alcoa Bldg., Pittsburgh, Pa. **Coupon No. 38.**

all-weather carpeting

An all-weather carpeting for porches, patios and putting greens consists of synthetic fibers imbedded in a flexible plastic base material. Called "Tartan" brand turf, it is available in three fade-proof colors: grass green, brilliant red, black. Grass green, designed for putting greens, is said to have the same appearance and roll as bent grass. In red or black, it is durable for hotel, hospital and institutional use. It has been used to carpet sidewalks to the curb, providing "red carpet" treatment. Backing is non-slip and holds turf in place when laid as a runner. Turf can be bonded to any hard surface, cleaned with ordinary vacuum.—Dept. K4-648, 3M Company, 2501 Hudson Road, St. Paul, Minn. 55119. **Coupon No. 39.**

leather wall tiles

Ad Lib Walls, said to be the first architecturally precise leather tiles, are laminated to a warp-free board and die-cut for exact size and thickness. They are made of Full Top Grain and Cordova Top Grain leather with natural markings. There is a choice of 18 standard colors, including gold, and a unique pattern, Tortoise Shell. Special colors may be ordered. Ad Lib tiles are manufactured in 12x12-in. and 6x6-in. sizes. Custom sizes available. The leather tiles are washable with soap and water and require no special care such as oiling or waxing. They are suggested for a variety of other applications besides walls and ceilings: doors, room dividers, bar fronts, cabinet fronts, standing screens.—American Leather Manufacturing Co., 250 Passaic, Newark, N.J. **Coupon No. 40.**



street planters for civic programs

A new group of street planters, designed to meet a need in civic beautification programs, has just been introduced. Color is integral, needing no upkeep, is available immediately in white but will be offered in full range of Architectural Fiberglass matte colors, both muted and bright, and in all standard smooth and textured aggregate finishes. The group offers tapered cylinders, all with recessed integral bases, reinforced rims permitting guy wires to be secured. Four sizes, from 18 to 36-in. high and top diameters from 35 to 38-in., are offered. Planter walls are said to be highly resistant to damage and will not crack from root pressure or from freezing.—Architectural Fiberglass, 2020 South Robertson Blvd., Los Angeles 90034. **Coupon No. 41.**

LITERATURE

Plexiglas for Facing Panels (AIA 17-A): lists advantages of Plexiglas for facing panels and describes colors, textures, sculptural forms, luminous panels. Sizes and thicknesses, weights, installation methods, construction, typical specification and building code considerations are explained. Installations are illustrated. Full color. 12-pp.—Rohm & Haas Company, 1920 South Tubeway Ave., Los Angeles 90022.

I-T-E Apartment House Package: gives construction details, dimensions, layout techniques and specifications for apartment house applications. Covered are new style of main switches, meter centers for all-electric apartments, meter switchboards, circuit-breaker disconnects and riser panels. Engineering and layout manual 9001-2A, 32-pp.—I-T-E Circuit Breaker Co., 1900 Hamilton St., Philadelphia, Pa. 19130.

Portfolio of Furniture Designs: offers furniture design ideas for equipping reception rooms, lobbies, lounges, offices and similar areas in hotels, office building, schools, institutions More than 100 sketches of custom and stock designs are shown. Construction details are presented in cross-section drawings. 60-pp.—Somerset Craftsmen, Ltd., 155 E. 23rd St., New York 10010.

Masland Vinyl Wallcoverings: contains entire Duran vinyl line of 18 patterns and four weight qualities. Pages mount swatches of each pattern in all colors. Specifications and application instructions are on reverse of each swatch page. More than 140 colors are included with a range of effects including marble, woodgrain, florals, silk and linen finishes, multi-color overlay printing to harmonize with any style decor. Three-ring construction catalog, index tabbed.—Masland Duraleather Co., 3236 Amber, Philadelphia, Pa. 19134.

Doors for Special Services (AIA 14-N, 14-A-2, 14-B-9): describes broad line of doors for special services and includes descriptive and technical material pertaining to Bilco roof scuttles, smoke hatches, sidewalk doors, interior/exterior doors and basement entrance doors. Catalog shows plans and sectional dimensioned views of all products and architectural specifications. 16-pp.—The Bilco Company, New Haven, Connecticut 06505.

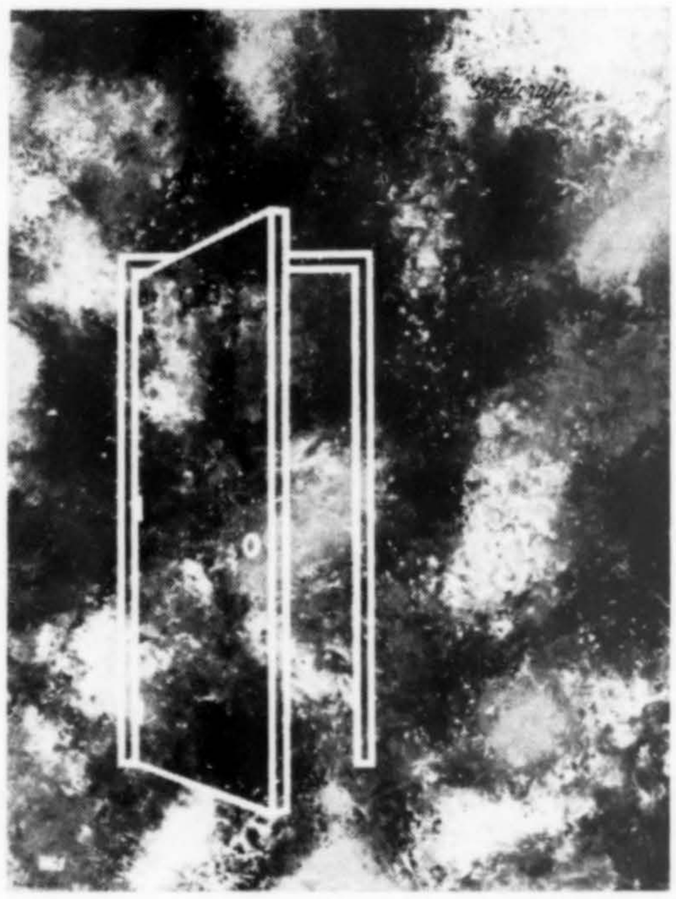
Hospital Hardware (AIA 27-B): describes emergency rescue hardware for patient bathroom doors and swing clear hinges allowing maximum doorway clearance for passage of beds, stretchers, etc. Sizes, materials, details and specifications included in color brochure. 4-pp.—Stanley Hardware, Division of The Stanley Works, P.O. Box 1800, New Britain, Conn.

Progress Lighting Fixture Collection (AIA 31-F-23): presents 184 new lighting design fixtures with special emphasis on decorative fixtures. Color photos are used throughout showing settings for fixtures. Finishes, sizes, prices are detailed. Catalog 108, full color, 96-pp.—Progress Manufacturing Co., Inc., Philadelphia, Pennsylvania 19134.

Elegance Fountain: full color brochure describes fountains designed to enhance interior space such as lobbies, restaurants, banks, hotels, and so on. Reinforced fibre-glass bowl curtains changing patterns of light and water. Lighting combinations are shown together with installation photos. Specifications and guarantee are also listed.—The Fibre-Metal Products Co., 502 Tilghman St., Chester, Pennsylvania.

Steel Deck Roofs (AIA 12-C): features standard-type and long-span steel structural sections for industrial, commercial, institutional and governmental building roofing applications. Basic engineering information on each type of deck, including chief application advantages, design and use feature, construction details, section property and load tables, and specifications, is presented. Installation photos are included. 16-pp.—The R. C. Mahon Company, Building Products Div., 6565 E. Eight Mile Rd., Detroit, Mich., 48234.

Oil Finish for Interior Woodwork: (AIA 25-A,B): describes applications of 5-in-1 Watco Danish Oil Finish to furniture, paneling, cabinets and all interior woodwork. Explains performance after a single application: prime, seal, preserve, finish and harden. A series of photos-with-text describes application with photos of "Watcoed" units also described. Includes technical and application data. 4-pp.—Watco-Dennis Corp., 1756 22nd St., Santa Monica, Calif.



Doors 1965: includes door design characteristics, hardware preparation information, description of flush steel, stainless steel, porcelain-on-steel and aluminum and textured steel doors. Descriptions for stile and panel and style and rail doors; details on complete line of Underwriters' label doors and frames; profiles of door frames and how they are adapted and connected to various wall conditions. Information also includes how pre-engineered door frame components can be assembled to meet local architects' design for transoms, sidelights, entrance and window wall units. 8-pp. — Steelcraft Manufacturing Co., 9017 Blue Ash Road, Cincinnati, Ohio 45242.

Electric Space Heat Applications: presents a selection of electric comfort heating installations chosen from 50,-000 varied specifications. Projects shown range from a 22-story office building, a one-level commercial building to installations at the New York Fair. Uses and applications with information about prime heat, supplementary heat, zone control, reheating, are included. 24-pp.—Industrial Engineering & Equipment Co., 24 Hanley Industrial Court, St. Louis, Mo. 63117.

Theatrical Lighting for Quartz (AIA 31-F-2.5): complete with performance data and application information with art work and illustrations done in a loose speed-line style. Each type of light (footlight, Fresnel, borderlight, etc.) has separate page with all pertinent information. 12 - pp. — Kliegl Bros., 3232 - 48th Ave., Long Island City, N.Y. 11101.

Forest Products Catalog, 1965: includes specifications for building products manufactured by the forest industry as well as proprietary Georgia-Pacific items, such as real inlaid wall paneling. Tab indexed for various product items, each with complete illustrations, specifications, installations and use information. Full color — Georgia-Pacific, Equitable Bldg., Portland, Oregon 97204.

• **Olympic Stained Products Co.:** The appointment of Miss Rona Rogers as Northern California architectural representative to call on San Francisco architects and designers, has been announced by the company's president, John Anderson, Seattle.

• **Prescolite Manufacturing Corp.:** Austin Little, national sales manager of the San Leandro based lighting firm for 17 years, retired on his 60th birthday. He is succeeded by Stan Heywood, the firm's national marketing director since 1953. Heywood, who currently has offices at Prescolite's Warminster, Pennsylvania division, will return to the home office to assume direction of the firm's sales policies.

HEYWOOD

• **Pennsalt Chemicals Corp.:** Announcement has been made of the corporation's entry into the long-life architectural finishes field. A new high-performance fluorocarbon resin, KYNAR 500, is now available on a commercial basis for use in factory-applied exterior paints to provide life up to 30 years. KYNAR 500 will be produced at a new Pennsalt fluorocarbon plastics plant recently completed at Calvert City, Kentucky.

• **Minnesota & Ontario Paper Co.:** The proposed merger of the Minneapolis firm and Boise Cascade Corporation has been simultaneously recommended to shareholders by the directors of each company. The Minnesota business will be carried as a division of Boise Cascade with officers of the company and its subsidiaries continuing in their present capacities maintaining divisional offices in Minneapolis.

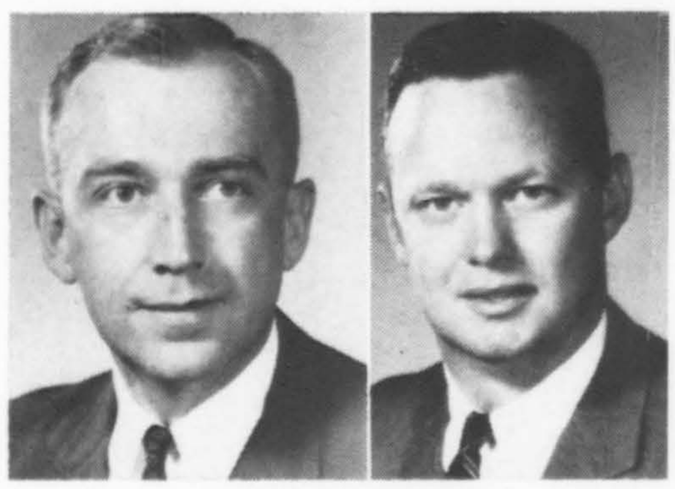
• **WeberWall Division, Weber Showcase:** John McFarland, formerly with the Los Angeles office, has been named San Francisco manager for sales operations in northern California, Nevada, Washington, Oregon and Idaho. This will involve all Weber architectural products. Offices are in the Mart Building, 1355 Market St., San Francisco.

• **Pacific Gas & Electric Co.:** James B. Black, board chairman, died March 20 of cancer. He helped set up the original PG&E organization in 1930.

• **Torginol of America, Inc.:** Emery W. Graunke, chairman of the board and president of Torginol Industries, Inc., has assumed the presidency of the Los Angeles flooring manufacturing firm. Lyle Pearson, former national sales manager, has become the company's general manager.

• **Schokbeton Products Corp.:** The Otto Buehner & Company, Salt Lake City, has been granted the franchise to produce architectural and structural precast concrete under the Schokbeton system and patents in the states of Idaho, Montana, Wyoming, Utah, Colorado, Arizona and New Mexico. Paul Buehner, president, announced that the company will start a program immediately to train key personnel in their manufacturing plants in Salt Lake City, Denver and Mesa, Arizona, for conversion of their plants to the Schokbeton process, presently being used in 17 plants in the United States. The process is a method for producing "schocked concrete" in precast sections of high strength with unusual dimensional stability which makes possible the economical production of intricate precast concrete shapes.

• **Rusco Industries, Inc.:** Three officials of Ador Corporation, a major California producer of aluminum windows and doors recently acquired by Rusco, has been named to the board of directors and to new offices with the parent company. Ador executives are Jack Catain, vice president of sales; Harry M. Reigelman, vice president-engineering, and Jerome A. Stewart, vice president-production. Rusco has its headquarters in Cleveland, Ohio and Ador is located at Fullerton, California.



KUHNS and McCRACKEN

• **Hager Hinge Company:** William Kuhns, sales representative for the San Francisco and northern California area, has been named district sales manager of the territory. Offices are at 124 King St., San Francisco. Robert McCracken, formerly in the San Francisco office, has been named district sales manager with headquarters at 4185 Charter St., Los Angeles. Richard Gildea and Joel Goggin will serve as representatives in the Southern California area.

• **Infranor of North America, Inc.:** Charles A. Blakeley, 754 Natoma St., San Francisco, has been appointed as representative for the firm's floodlight line.

• **Harold E. Shugart Co.:** John E. Stanley has been elected president of the Gardena, California firm, filling the vacancy created by the recent death of George H. (Jack) Morris.

not specified

WE HAVE JUST COMPLETED a small do-it-yourself project (without benefit even of an architect, which probably is forgivable because the task was merely that of putting up storage shelving in the basement), and we had a little trouble with nails.

First of all we wanted American made nails, but none of the convenient stores had them at any price, so we settled for some imports. All of you good do-it-yourselfers know that one slightly off-center blow folds a foreign-made nail over like an accordion. It's like trying to drive a live angle worm into a fir knot.

Which brings us around to the H. B. Fuller Co., which is claiming to make great strides towards doing away with nails entirely. We're in the mood to explore that possibility.

Fuller's Building Products Division has adhesive products that form "an alliance with architects and builders, supplying them with new ammunition to do jobs better."

They have a "Black Stuff" mastic that makes stronger interior walls with fewer nails and eliminates nail popping. Applied with caulking guns or pressure systems it eliminates "ringing" and "thumping" in drywall construction. With panel boards, it eliminates hammer marks that shouldn't happen but often do. They claim the black stuff will adhere paneling directly to masonry without furring and nailing strips, too (but that seems to be the end of their claims, so we guess the studding still requires nails).

Fuller Resiweld is an epoxy-based material that is impervious to water freezing or thawing and that they depict as a bonder for block masonry, so strong that blocks may be glued together pre-fab style and set into the walls as panels of blocks instead of individually. Well, there goes the old fashioned mortar!

Then there's Tuff-Lite epoxy that can be smeared on any surface as a matrix to be hand-seeded with aggregates to form a special-effect stucco job.

All new ideas, worth considering, no doubt, but not answering our most urgent question . . . where can we get nails made like they made them when we were a boy?

° ° °

"TICKY-TACKY" has assumed almost the proportions of an architectural theme song in the past year or so. Everyone familiar with the catchy lyrics will find themselves in complete harmony with Pennsylvania architect Robert Schmertz' recording of "Ladies, Beware of an Architect!"

Architect Schmertz writes and records songs as a profitable hobby. This fourth album of songs, dedicated to his first love, architecture, features such provocative titles as "When I Was a Young Nouveau", "The Doric Column is Coming Back", "Walter and Mies and Corbu". When not engaged in his favorite hobby, Robert Schmertz, FAIA, may be found during working hours in the practice and teaching of architecture.

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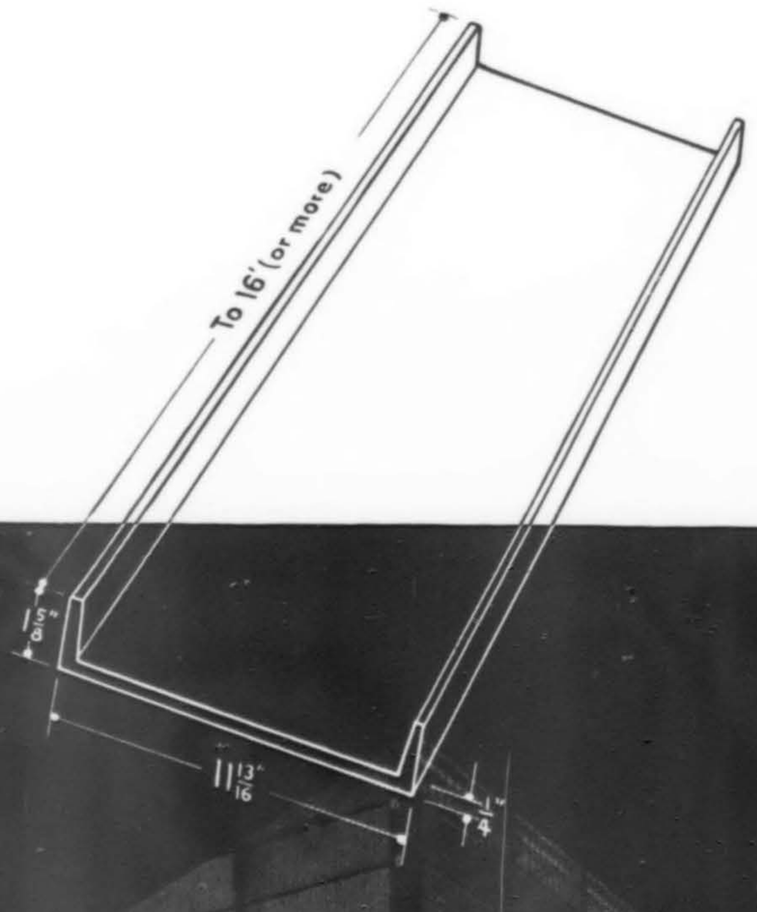

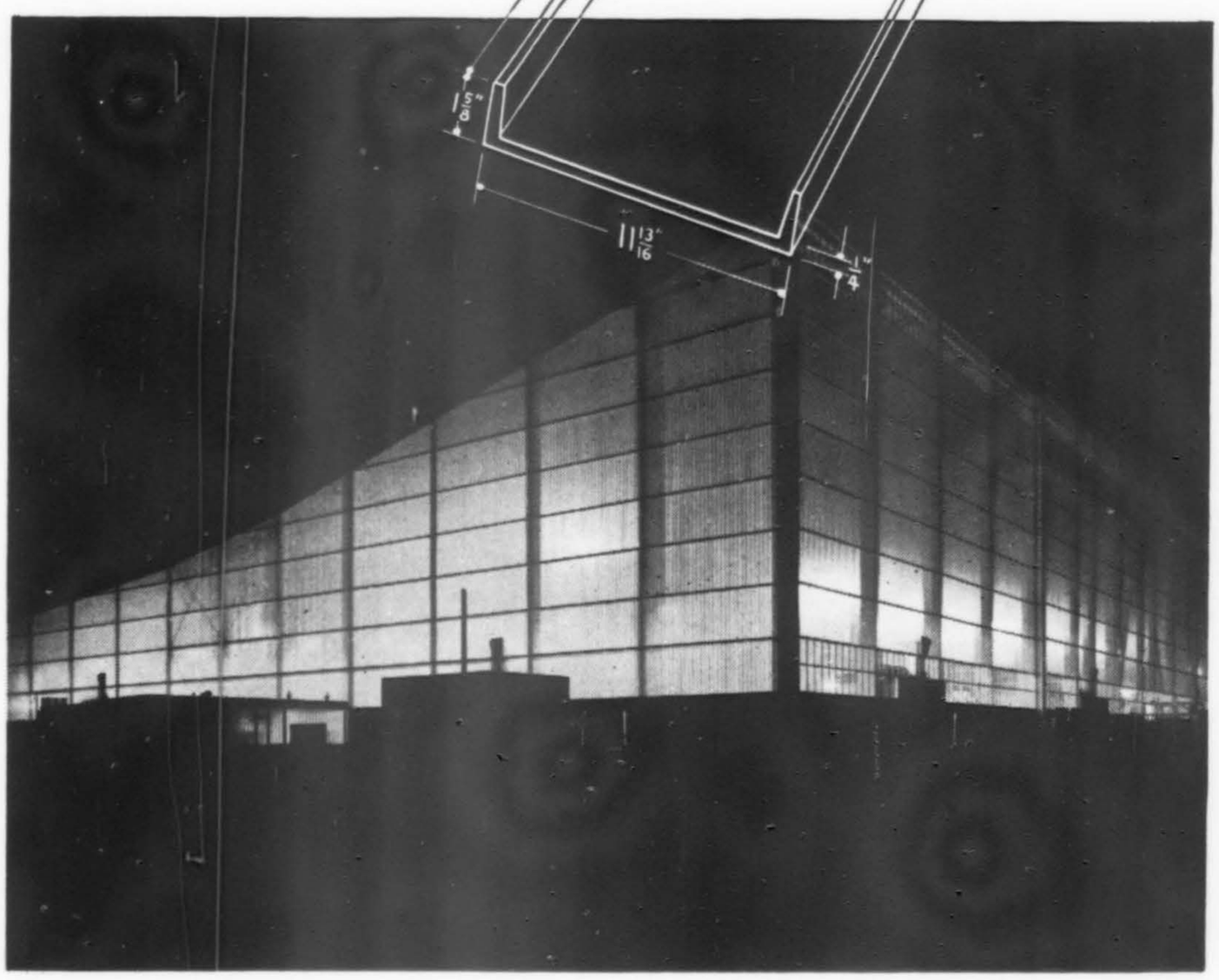

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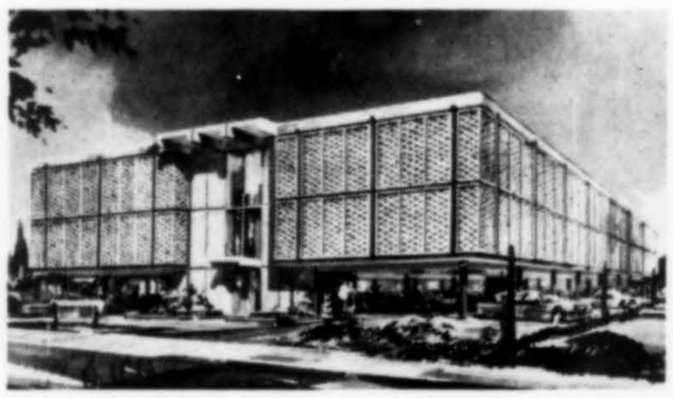
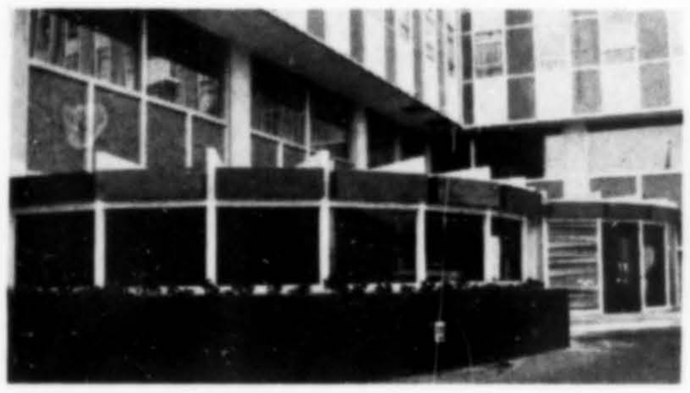
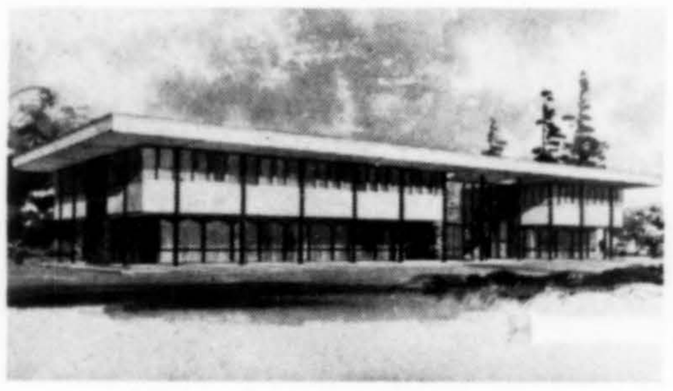


K. G. Shireling Company Medical Office Building, San Mateo, California
Design: K. G. Shireling Co. and Robert E. Onorato, AIBD
Engineer: Vyacheslav D. Vasiliev
Contractor: Sorensen & Marsh, Inc.
Steel Fabricator: Baker Iron Works
Fire-Trol Column Source: Pacific Column Company

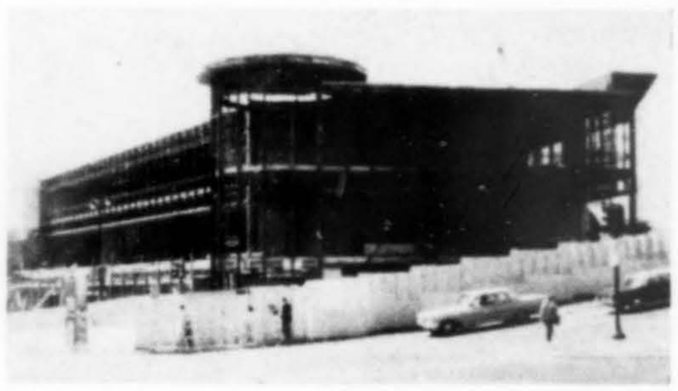
Manor Office Building
Denver, Colorado
Architect: Warren A. Flickenger & Associates
Contractor: Perl Mack Homes, Inc.
Fire-Trol Column Source: Denver Column Co.



Restaurant Complex
Jack Tar Hotel, San Francisco
Contractor: Harry Bach
Steel Erectors: Arnke Iron Works
Fire-Trol Column Source: Pacific Column Co.



Prudential Building, Bellevue, Washington
Architect: Roderick G. Parr & Associates
Engineers: Ison & Ratti
Contractor: Ray Solie Construction Company
Fire-Trol Column Source: Northwest Column Co.



Rhodes Terrace Building, Tacoma, Washington
Architect: Lea, Person & Richards
Engineers: Anderson, Birkland, Anderson & Mast
Contractor: McDonald Construction Co.
Steel Erectors: Star Iron & Steel
Fire-Trol Column Source: Northwest Column Co.

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