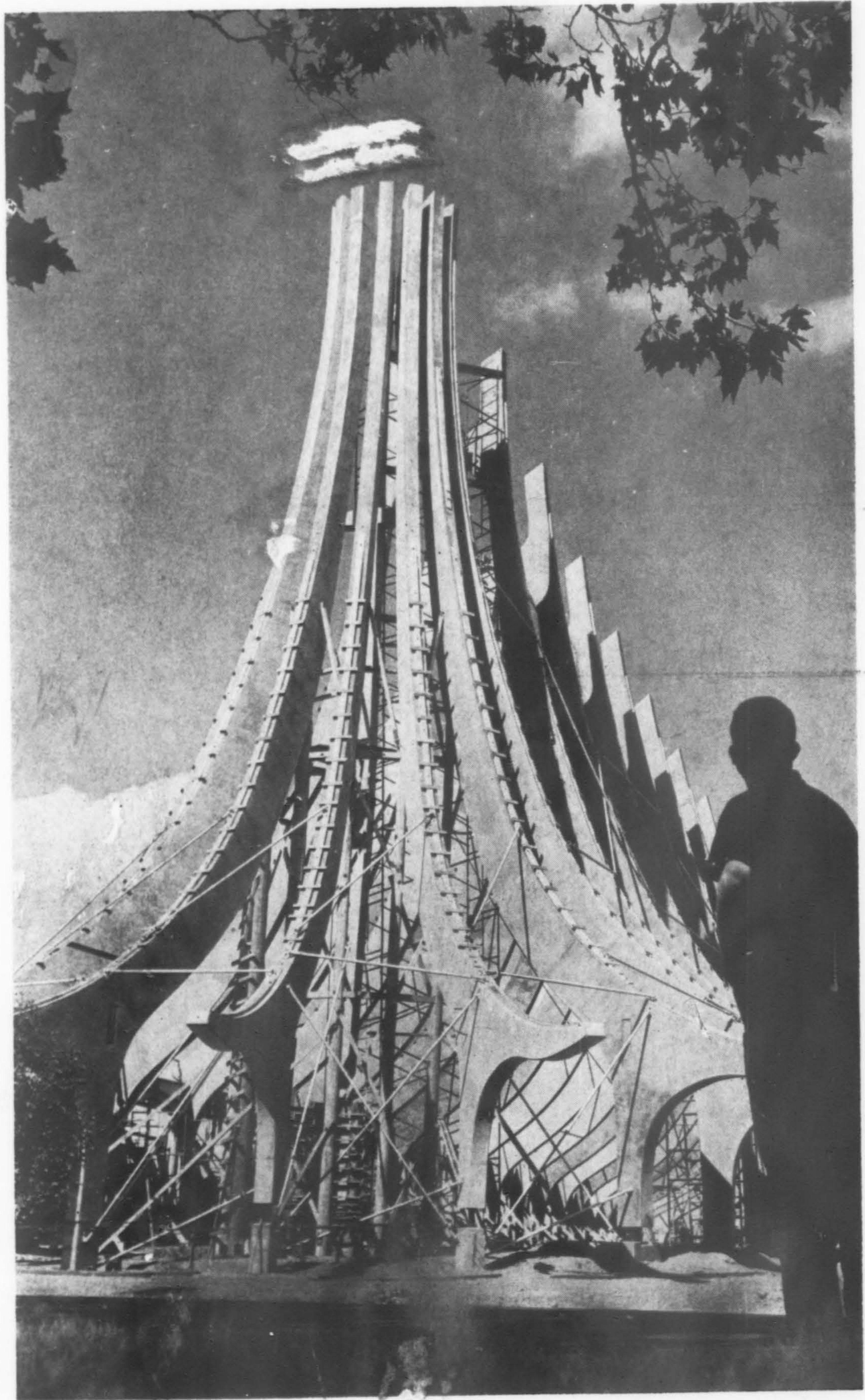


Architecture / West



THE ONLY MAGAZINE DEVOTED EXCLUSIVELY TO WESTERN ARCHITECTURE
DECEMBER 1965

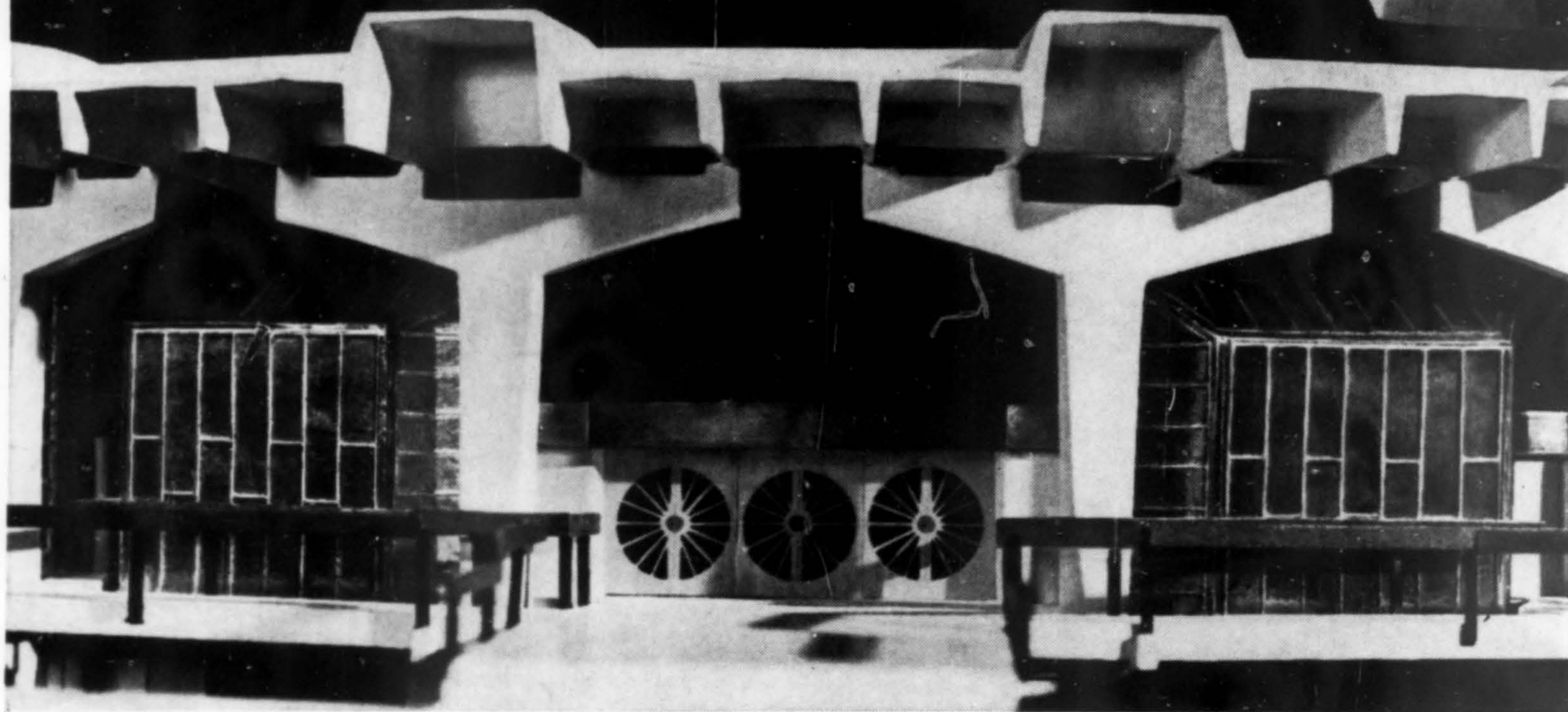




THE BEST IDEAS ARE
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The spectacular new Convention Center in Phoenix is roofed by prestressed concrete wedges supported entirely by peripheral T-columns precast in concrete. Wholly unencumbered interior space, 180 feet in diameter, is effected by this unique design, along with superior acoustical qualities. □ Concrete provided the design versatility needed to achieve exceptional visual interest. The wedge-shaped roof sections, radiating from a center ring, are of alternating flat and "high-hat" double tees. This creates the decorative geometry of the roof-line and also produces a dramatic "beamed ceiling" interior. □ Everywhere today, concrete structures of all types are receiving recognition for their bold concepts and fresh, imaginative design treatments.



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Architecture / West

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Business data on page 36

THE COVER: Construction photo, Central Methodist Church,
Stockton, California; Anshen and Allen, architects. Page 14.

HIGHLIGHTS and SIDELIGHTS

Air Force Academy retains architects for expansion—

Henningson, Durham & Richardson in a joint venture with Leo A. Daly Company, both Omaha, Nebraska, architect-engineer firms, have been retained by the U. S. Army Engineers to plan a \$40 million expansion program at the Air Force Academy, Colorado Springs. The planned expansion will increase the capacity of the six-year-old Academy from 2,500 cadets to 4,250. Involved in the program are a new dormitory, physical education and base chapel buildings, additions to the academic, dining and social center buildings, new parking lots, cadet formation areas and athletic fields. The sewage and water storage facilities are also included in the revamping plans.

"The Cannery" new San Francisco complex?—

A \$5.5 million Fisherman's Wharf complex, to be known as The Cannery, is planned for opening in June 1966. A variation on the Ghirardelli Square, the pre-1906 cannery will house restaurants, gourmet shops, an old English pub, book store, toy store, art gallery, aviary, landscaped roof, and more. Leonard V. Martin, a retired attorney who is developing the plan, has retained architect Joseph Esherick, designer Marget Larsen and Sausalito's Village Fair originator, William Conover, to implement his plans which also include a 300-car parking lot adjacent to the cannery on which will also be located an outdoor oceanarium. An old railroad siding between the cannery and a warehouse will be converted to a wide mall, and a separate building will be turned into an open fruit and vegetable market.



ARCHITECTS EDMUNDSON, KOCHENDOERFER & KENNEDY HAVE USED ROGUE RIVER QUARTZ PANELS MOST EFFECTIVELY ON THE UNITED STATES NATIONAL BANK OF OREGON BRANCH AT BEND.

WRITE FOR COMPLIMENTARY MATERIAL SAMPLES AND ENGINEERING REPORT. FREIGHT RATES ESTABLISHED NATION-WIDE.

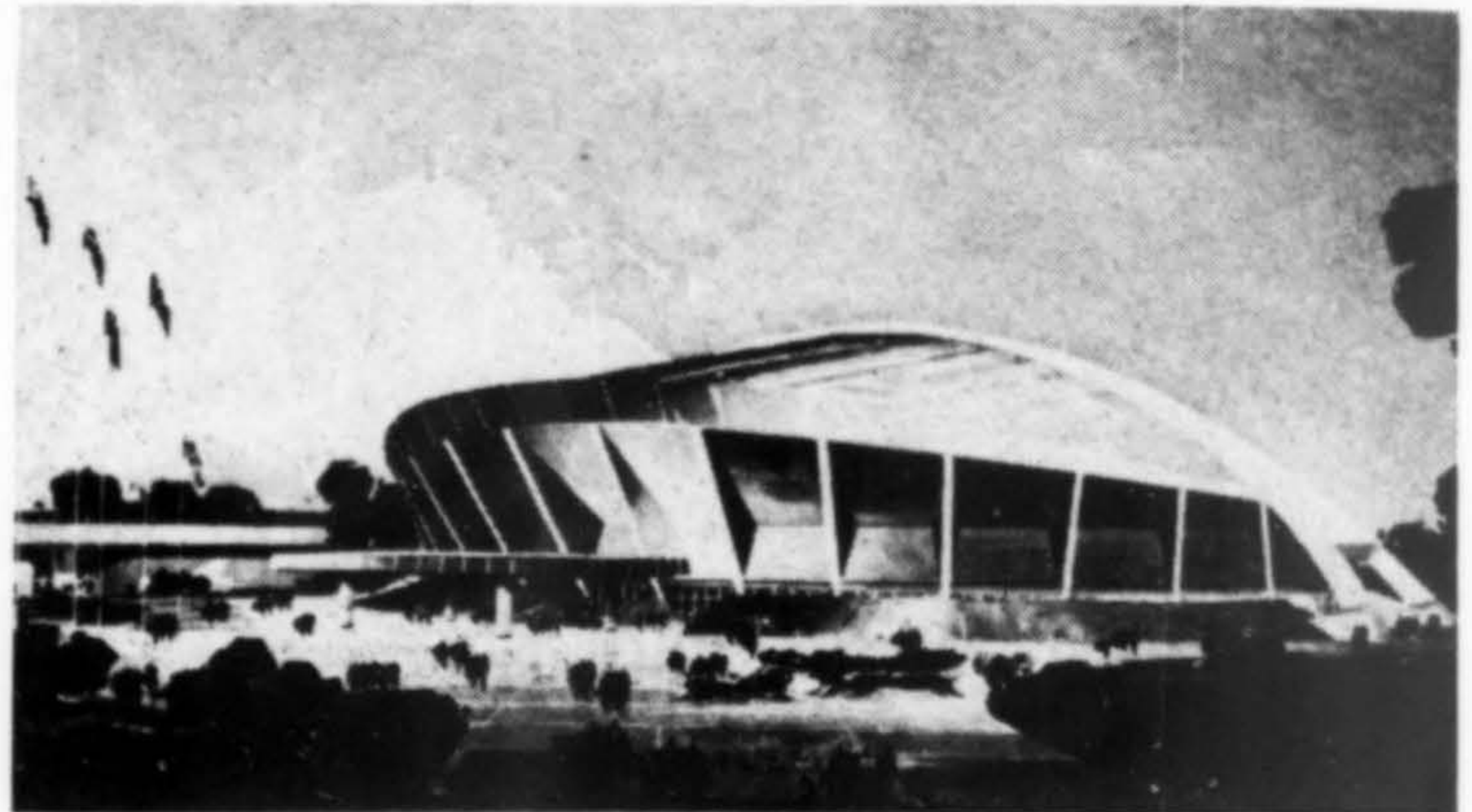
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Anaheim's \$11.5 million convention center—



The \$11.5 million Convention Center now under construction for the City of Anaheim, California, is comprised of eight elements: an arena with a fixed seating capacity of 5500 and additional portable seating for 3000; a grand lobby; banquet area seating 850; a 100,000 sq. ft. exhibition hall with banquet accommodations for 500 persons or 500 display booths for trade shows; a large kitchen; utility area for storage and mechanical operations, and a visitors' bureau. The center is being built on a 40-acre site directly south of Disneyland. Architects are Adrian Wilson and Associates, Los Angeles. Del Webb is general contractor.

Eugene, Springfield consolidation studied—

Recently revived efforts toward consolidation of Eugene and Springfield, neighboring cities in Lane County, Oregon, have for the first time the support of city officials. The merger idea has been discussed off and on since the turn of the century but apparently never seriously followed through. A study committee has been selected to assess the pros and cons of a consolidated city. The two communities, which lie side by side, have grown closer together geographically as the economy of the county expands.

Religious architectural conference set for April—

The 27th National Conference on Religious Architecture will be held in San Francisco, April 26-28, 1966. The conference is being sponsored by the Guild for Religious Architecture (formerly Church Architectural Guild), the National Council of Churches of Christ, and the Northern California Chapter, American Institute of Architects. San Francisco architect Donald Powers Smith is general chairman of the conference. Among announced speakers are Edward Larrabee Barnes, New York City, architect; the Reverend Peter Hammond of Cottingham, Yorkshire, England, author of numerous articles on architecture for religious buildings, and Dr. Robert McAfee Brown, professor of religion at Stanford University and an observer at sessions of the Vatican Councils.

County officials back Camelback preservation—

Maricopa County (Arizona) Board of Supervisors have agreed to back efforts to save Camelback Mountain from further residential defacing. The board adopted a resolution agreeing to accept ownership and control of the upper reaches of the mountain, which would be converted into a historic monument, if the Preservation of Camelback Mountain Foundation, Inc., is successful in acquiring the property.

Campaign to save Dodge House under way—

The Walter Luther Dodge House, designed in 1916 by architect Irving K. Gill, will be sold in February by the Los Angeles Board of Education to the highest bidder unless bought by some public agency or by a foundation or private citizens for preservation. The house and land, valued at \$800,000, is considered a forerunner of modern architecture and has been called "one of the 15 most significant American houses." It is recorded as an Historic American Building in the Library of Congress. With the impending sale and the possibility of total destruction and erection of an apartment complex on the site, a small group of architects and the allied professions in July 1965 formed the Citizens Committee for Dodge House, a non-profit corporation. The group, in cooperation with the American Institute of Architects, other civic and cultural groups, generated an intensive community-wide campaign to save the house as a California landmark for the education and enjoyment of the public and the generations to follow. The Committee is working to encourage the city, the county or the state to apply for a Federal grant of \$400,000 under the HHFA Open Space Law, and under which the Dodge House qualifies, to purchase the property for public use, recommending it as a senior citizens activity center.

Distinguished planner to head USC program—

Dr. Ira Miles Robinson, distinguished American city planner and a planning educator, has been appointed to head the graduate program in City and Regional Planning at the University of Southern California. Dr. Robinson comes to the university after four years as a senior staff member of Arthur D. Little, Inc., San Francisco. Under his direction the program expects to: attract more full time students while assisting part time students; conduct a major study of new curriculum needs; give a high priority to research in urban studies.

"Progress Smogress"—

In Marin County, California, some of the citizens of the town of Ross, have formed an organization calling itself CALDEP, or the California Depopulation Commission. Motto of the new group is "Progress Smogress" and its objectives: to reduce or stop the rising tide of emigration into California by promoting such events as "Florida Appreciation Month." The group is also asking Californians to make contributions to their favorite Mid-West Chamber of Commerce. So far efforts of the group seem in vain: latest official predictions are that the state's population will jump to more than 28 million by mid-1980.

Calendar of coming events—

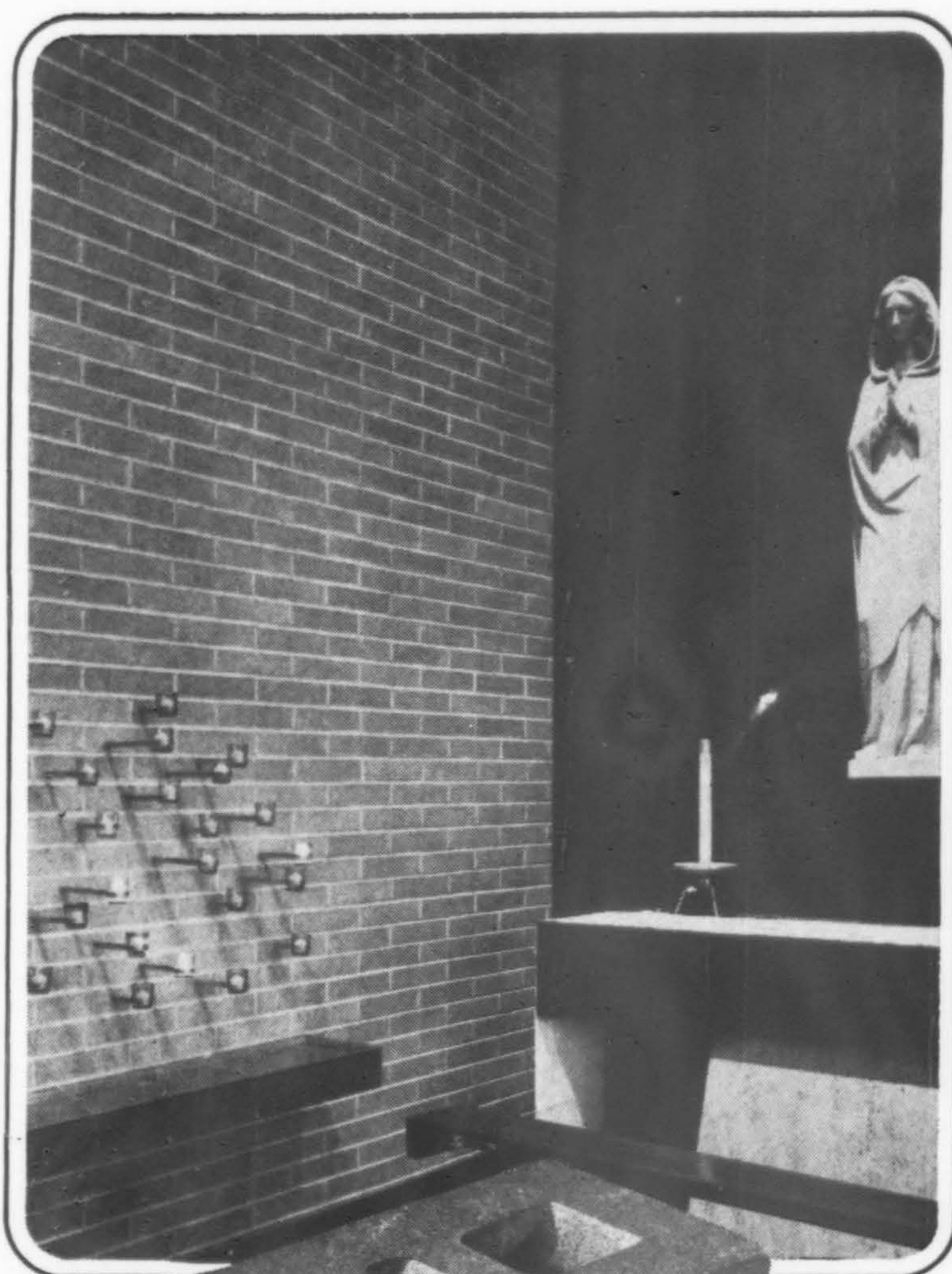
Winter meeting of the National Society of Professional Engineers, Americana Hotel, Bar Harbour, Florida, Jan. 5-8, 1966.

21st annual short course in Residential Construction, Urbana campus, University of Illinois, Urbana, Ill., Jan. 27-28, 1966.

National Air Conditioning, Heating and Refrigeration Exposition, 14th annual meeting, Kentucky Fair and Exposition Center Louisville, Jan. 31-Feb. 3, 1966.

Reinforced Plastics Division, Society of the Plastics Industry, "21 Years of Progress," Edgewater Beach Hotel, Chicago, Feb. 8-10, 1966.

"Kaleidoscope '66," 11th annual educational conference and seminar, Ceramic Tile Institute, Biltmore Hotel, Los Angeles, Feb. 10-12, 1966.



Holy Family Church
Auburn, Washington
Architect: E. L. Mills, Tacoma
Interior: Norbert R. Sorger

SO RIGHT

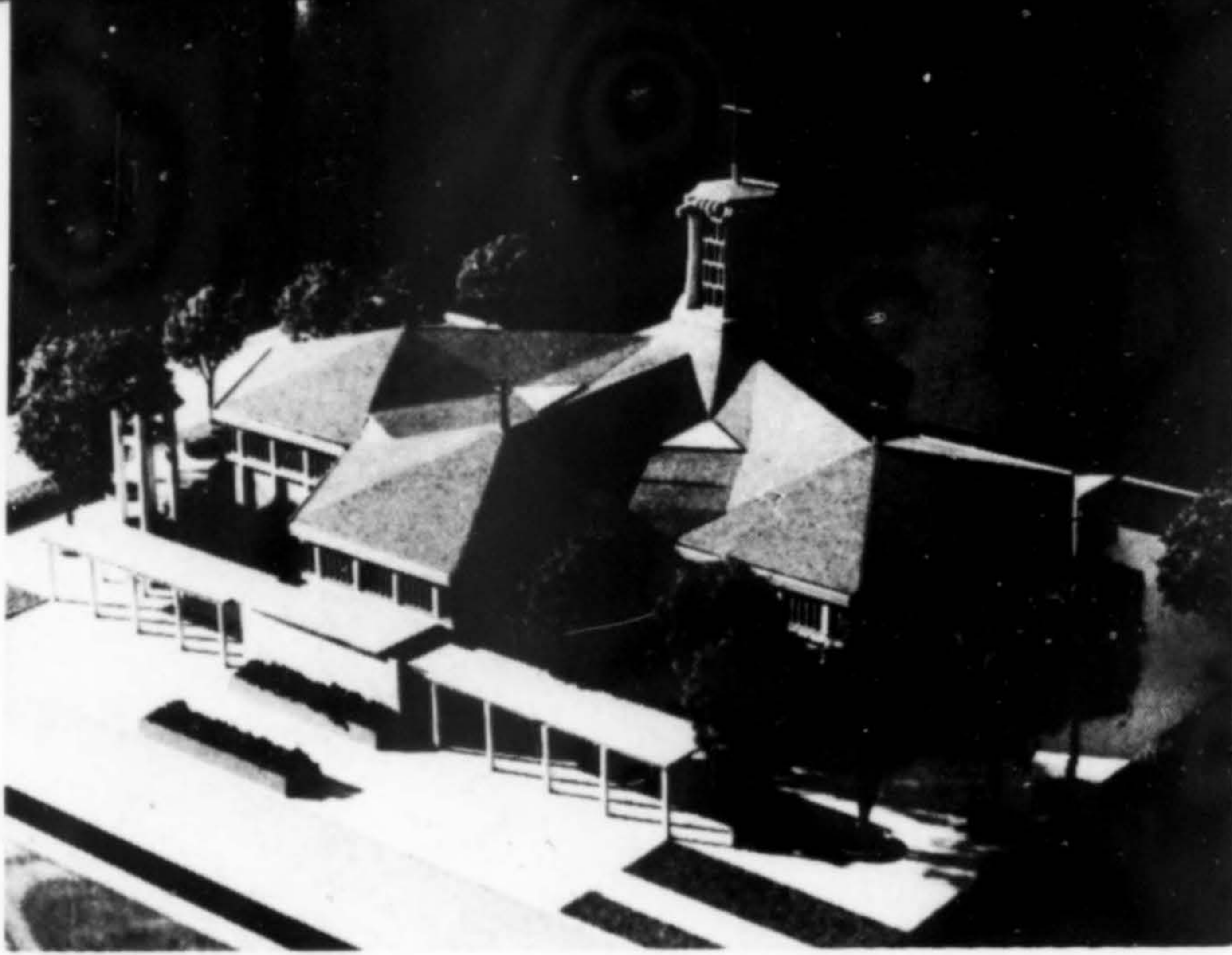
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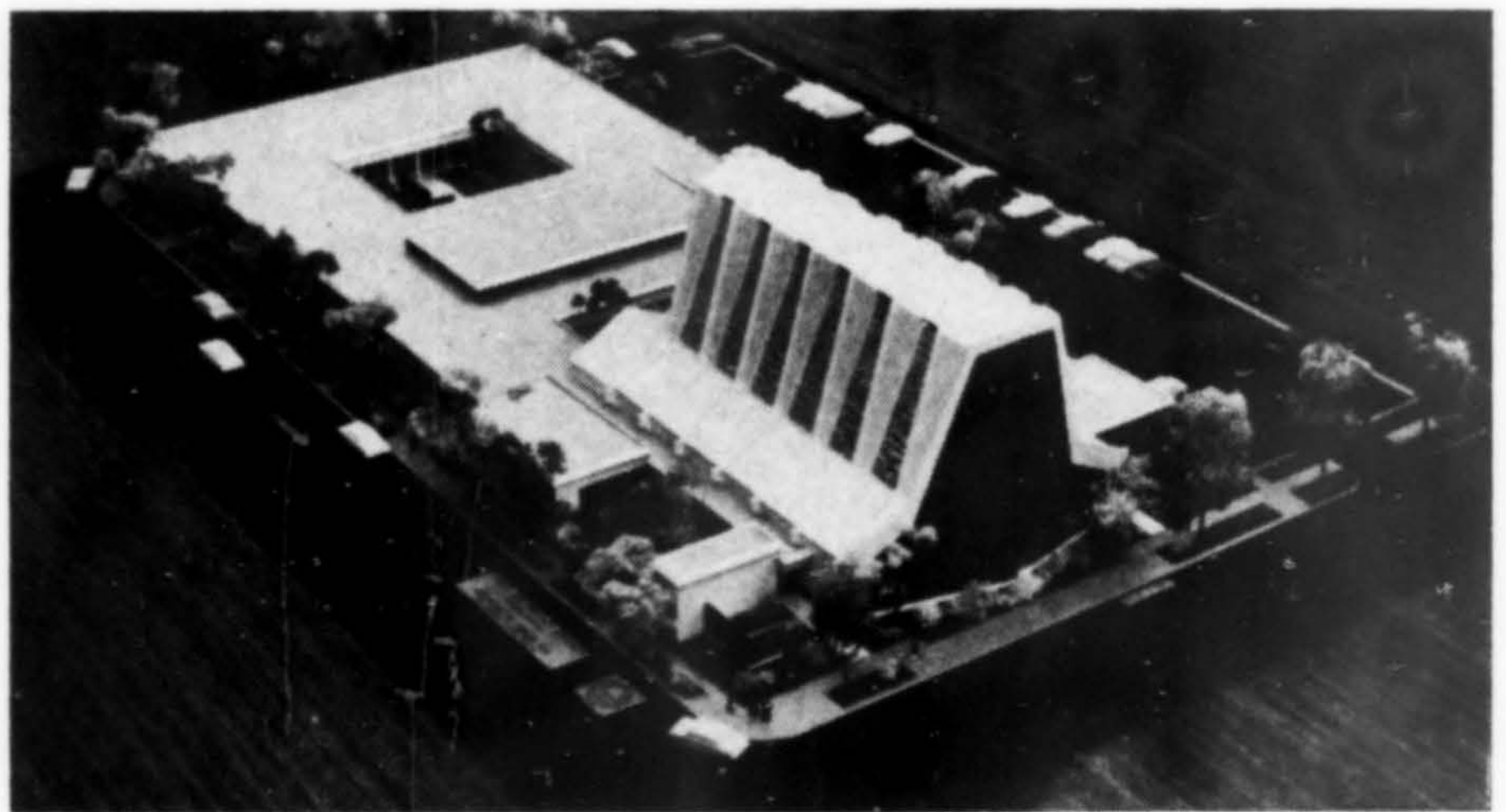
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ST. ANTHONY'S CHURCH, Oakland, is intended to reflect the recent changes in Catholic liturgy. Plan is of four inter-connected hexagons, one containing the main altar and three containing seating for 850. Walls are exposed aggregate precast concrete panels between precast concrete bents. A clerestory of tall narrow colored glass panels set in redwood frames are just below the eave line. The tower is glazed with colored glass, rises 60-ft. above the altar. Estimated cost: \$550,000. Architects: Reid & Tarics, San Francisco; Morris Daley, contractor.

PROJECT PREVIEW _____



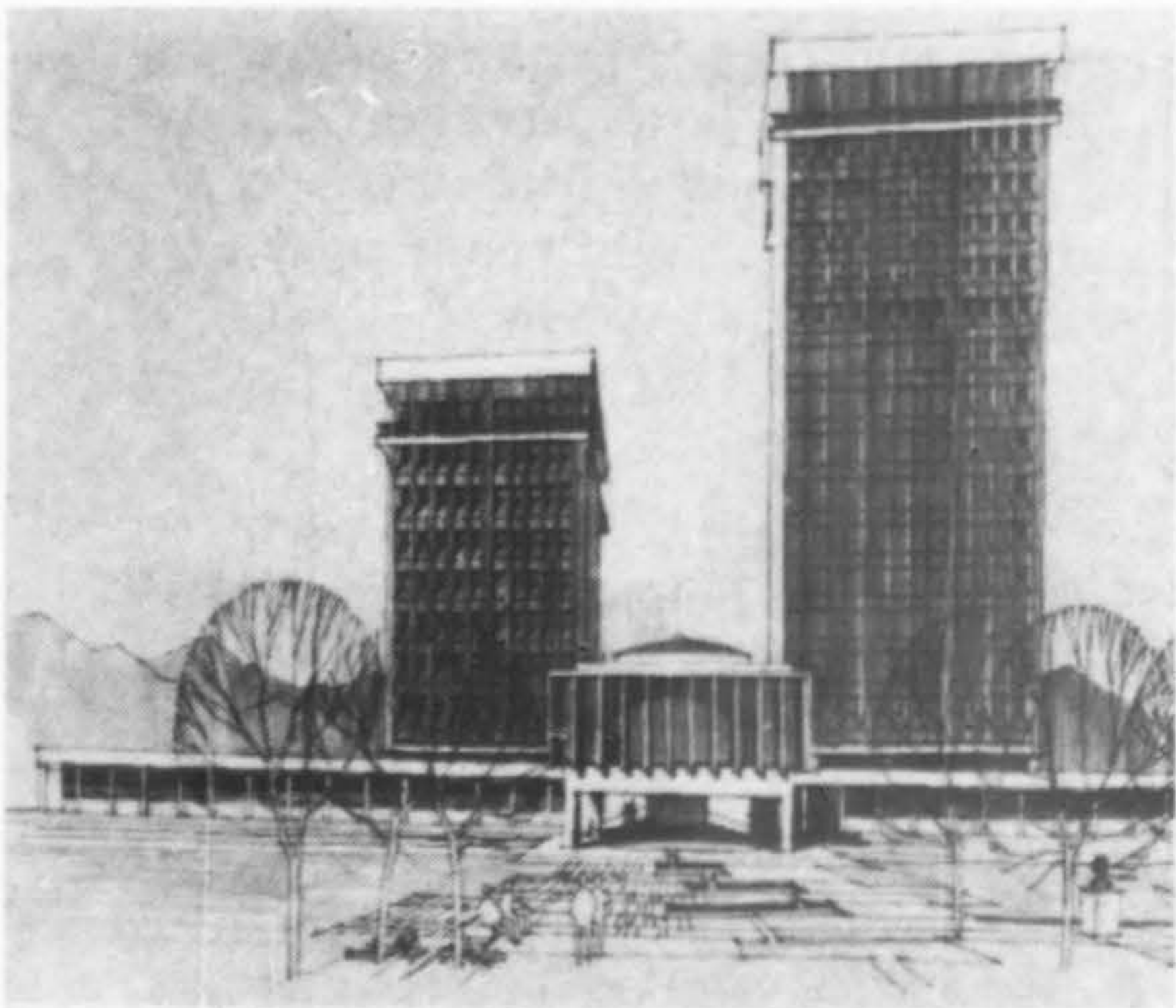
THE FIRST METHODIST CHURCH, Eugene, will be mother church of Methodism in the Eugene metropolitan area. The precast concrete building will provide for 750 worshipers, will include a sanctuary, two chapels, fellowship hall, educational facility, offices. Architects: Morin & Longwood.



SNOHOMISH COUNTY COURTHOUSE, Everett, Wash., will be steel frame with cast stone exterior, providing space for Superior and Justice Courts, sheriff's department, jail and other county offices. Gross area of 110,000 sq. ft. and underground garage for 25 cars. Jails are mechanically ventilated, other areas air conditioned. Cost: \$3,616,000. Architects: Harmon, Pray & Detrich, Seattle.



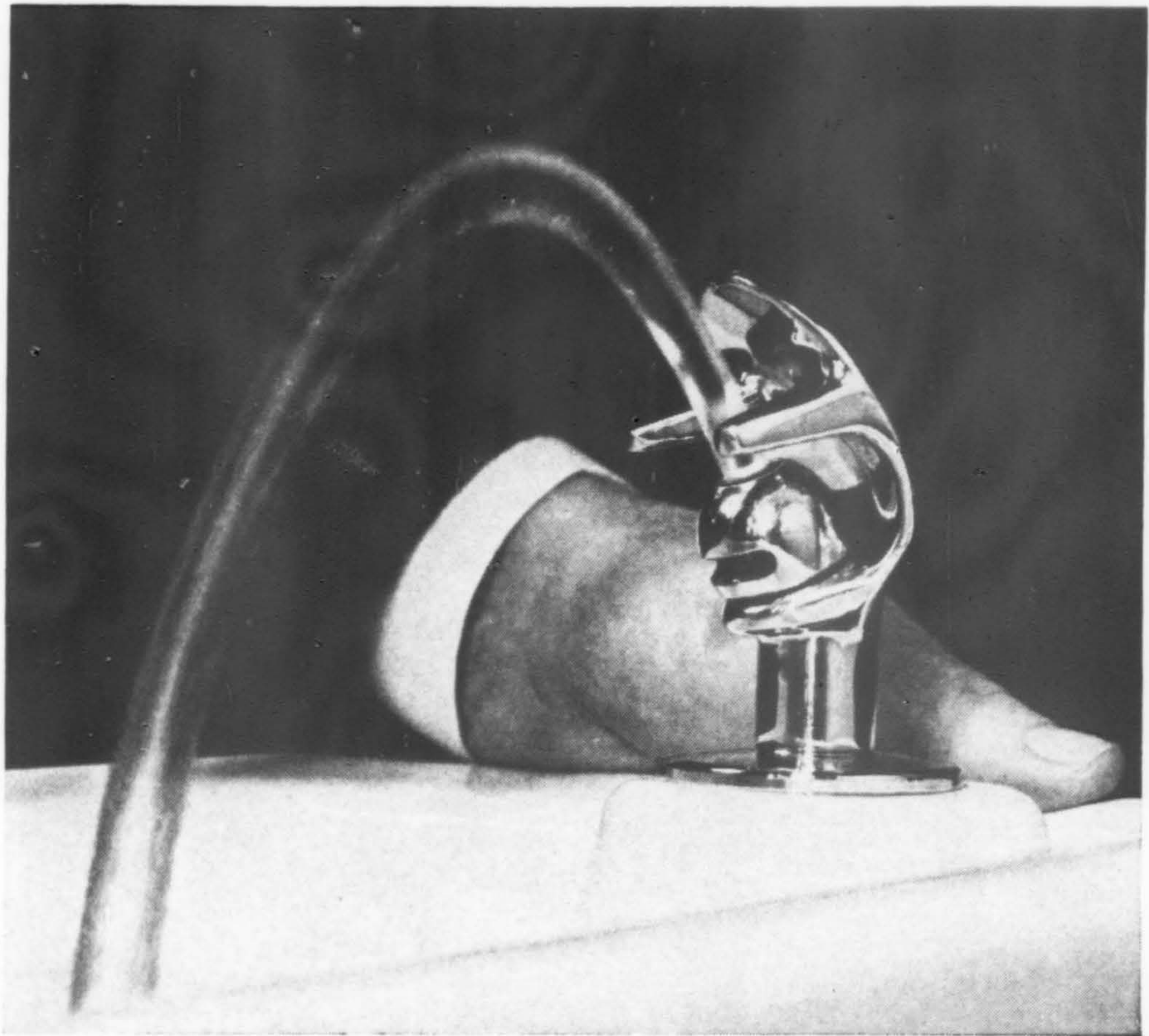
CENTURYWOOD MEDICAL CENTER, Lynnwood, Calif., is six-story, 66,000 sq. ft. medical office building to accommodate approximately 60 doctors. Structure will be reinforced concrete throughout, solar bronze glass, anodized aluminum. Suites are custom-designed. Multi-level concrete parking building will adjoin. Architects: Kite & Overpeck, Beverly Hills; Stolte Inc., contractor; Erkel, Greenfield Associates Inc., structural engineers.



SECOND PHASE of city-county governmental center, Tucson, will be a nine-story tower built above the original Phase One structure. The 67,000-sq. ft. tower will house city offices. Approved are Phases 3 and 4, a small, domed building to tentatively house City Council chambers, and an 18 to 20-story office tower. Estimated cost of entire complex, \$25 million. Architects: Friedman & Jobusch.



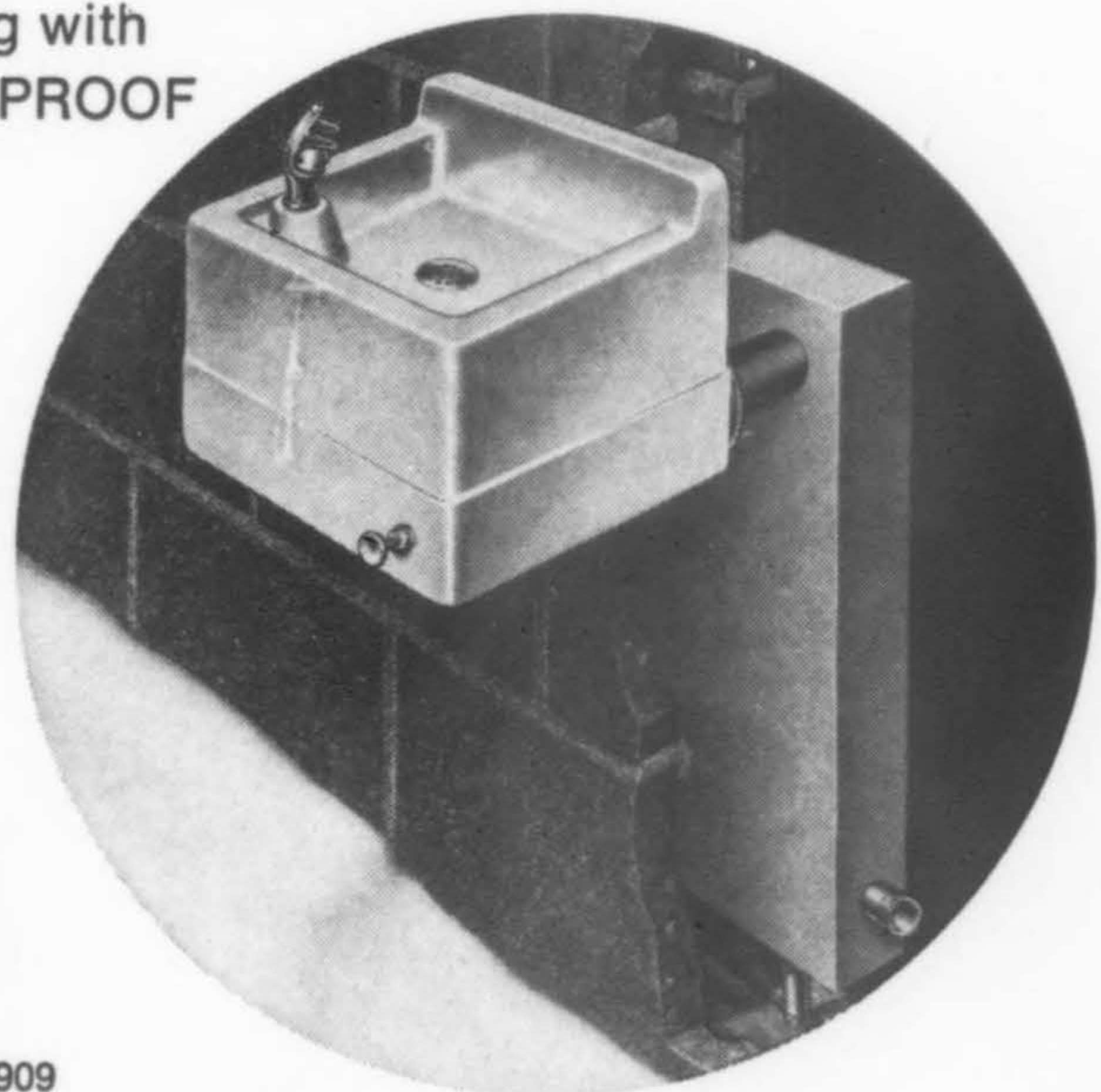
RESIDENCE HALL, San Fernando Valley State College, Northridge, California, is first unit in a planned complex of eight residence halls. The seven-story reinforced concrete and masonry building will have face brick exterior, house 306 men and 306 women. Cost: \$3 million. Architects: Allison & Ribbe, Los Angeles.



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New offices, associations, changes

□ James J. Amis has been named an associate in the San Francisco architectural firm of Rockrise and Watson.

□ John Low has been appointed project and design director as Design/Planning, Inc., San Francisco.

□ Robert T. Buzard has been appointed as a project architect in the firm of Arendt-Mosher-Grant, Santa Barbara.

□ Ebbe Videriksen, AIA, has opened an office at 5000 Queen Victoria Road, Woodland Hills, California, for the general practice of architecture.

□ Mal Bert has joined the Los Angeles architectural firm of J. George Sweptycki and Associates.

□ The firm of Francis E. Stanley & Associates, Inc., announce a change in firm name to Stanley, Oravec & Crawford, Inc., Architects/Engineers/Planners. Offices are at 1317 San Pedro N.E., Albuquerque.

□ Robert E. Brown has opened new offices for the practice of architecture at 3633 Fourth Avenue, Riverside, California. He was formerly a principal in the Los Angeles firm of Ruhnu, Evans, Brown and Steinmann.

□ Adam Krivatsy, urban designer and city planner, has joined the Honolulu office of John Carl Warnecke and Associates.

□ Architect Murdo D. Morrison and interior designer, Helen Morrison, have formed Morrison Associates, Architecture-Planning-Interiors with offices at 700 Plaza Building, 506 Fifteenth St., Oakland, California. He was formerly a partner in the firm of Morrison-Howard-Starbuck, Klamath Falls, Oregon.

□ Jeffrey L. Shute, architect formerly with Robert J. Keeney, Architect, Medford, has become associated with the firm of Seibert & Hunter, Architects, also Medford.

Appointments, retirements

□ Seattle Mayor J. D. Braman has made two appointments to the Municipal Art Commission: architect A. O. Bumgardner succeeds Robert Durham, FAIA, for a three-year term; architect-engineer John Christiansen fills John B. Skilling's term, expiring August 1, 1967.

□ Mansell Dyer, architect in the firm of Dexter, Stark, Nekota and Hoff, Inc., Pismo Beach, has been appointed to the Arroyo Grande city planning commission, fulfilling a term expiring on July 1, 1966.

□ Pietro Belluschi, FAIA, has joined the staff of the University of Oregon, Eugene, as a consulting professor for the School of Architecture and Allied Arts where he will teach a class of advanced architecture students as well as giving lectures. He is presently consultant on several projects being executed in the West.



□ Rai Y. Okamoto, San Francisco architect and planner, has been appointed by the Danish Ministry of Cultural Affairs to be lecturer in planning and urban design at the New Jutland School of Architecture in Aarhus, Denmark.

□ Philip H. Hauck, graduate in architectural engineering from Montana State University, has been appointed Montana state architect by State Controller Ralph Kenyon. He replaces architect Robert Gillis who is returning to architectural practice in Great Falls.

□ Architect Harrison B. Traver announces his retirement from the practice of architecture after many years of activity in California. Mr. Traver, a graduate of the School of Fine Arts, University of Pennsylvania, served the city of San Francisco and the state of California as designer following the 1906 earthquake. Following this service, he formed a partnership with the late W. D. Cates and finally became a member of the firm of Fisher, Lake and Traver, architects and engineers of Los Angeles. Mr. Traver now lives in Placerville.



GROSSMONT HOSPITAL ADDITION, La Mesa, California, will be five stories, increase facilities by 125 beds, provide a separate maintenance building. Estimated cost: in excess of \$4,000,000. Architects: Richard George Wheeler & Associates.

News notes

□ The Los Angeles architectural firm of Chaix and Johnson has received a Los Angeles Beautiful award for "excellence of landscaping, exterior housekeeping and contributions to the surrounding area and community as a whole" for their own building at 1666 West 3rd Street. (A/W April '65).

□ Charles E. Peterson, architect and adviser to Hawaii State on the restoration of the Iolani Barracks, Iolani Palace and Lahaina, Maui, was presented the sixth annual Louise du Pont Crowninshield Award at the annual dinner of the National Trust for Historic Preservation in Raleigh, North Carolina, in October. The citation reads in part . . . "an architect, architectural historian, preservationist, restorationist and planner . . . for his many past and continuing contributions to the preservation of our national heritage and for perpetuating his evidence of America's past greatness as an inspiration for its future."

□ Irving G. (Jimmy) Smith, FAIA, 66, passed away on October 31. A graduate of the University of Oregon, and the graduate school of M.I.T., he was associated for many years with Pietro Belluschi and A. E. Doyle and Associates. Mr. Smith was a past president of the Portland Chapter, AIA, and past regional director of the Northwest Region, AIA.

□ The Spokane architectural firm of Walker and McGough has been named to plan a large, long-range expansion and improvement program for capital facilities at Olympia, Washington . . . Gordon, McGoodwin and Hinchliff, Portland, have been commissioned to design two women's residence halls

and a faculty residence hall at Marylhurst College . . . Two San Francisco firms, *Wurster, Bernardi and Emmons* and *Lawrence Halprin & Associates*, will supervise design and construction of the proposed \$33 million California Exposition on a new 1,000-acre site in Sacramento. . . .

Everett (Wash.) architect *Harry E. Botesch* has been retained to prepare preliminary plans for a \$320,000 Catholic Church of the Immaculate Conception to replace the present structure . . . Architects *Payne & Settecase*, Salem, have been authorized by the Salem City Council to prepare cost estimates, site studies and space requirements for the proposed Salem civic center. . . .

Wurster, Bernardi & Emmons have been named prime architect for the General Electric Company's 1,000-apartment project, "Showcase of Electric Living," on Diamond Heights. Working with the firm are architects *James Levorsen* and *B. Clyde Cohen*, who won a national competition for the project but whose design was left unused when the firm who purchased the land was unable to go ahead with the project . . . *Rockrise & Watson*, San Francisco, have been retained by Gold City, Inc., of Ashland, to master plan the proposed multi-million dollar Southern Oregon resort.

Elections, address changes

□ Seattle Chapter, AIA, has elected the following officers:

David A. McKinley, Jr., *president*
 Fred Bassetti, *first vice president*
 Donald Cochran, *second vice president*
 Burr Richards, *secretary*
 Gerald Pomeroy, *treasurer*
 Clayton Young, Robert Chervenak and William Bain, Jr., *executive board*

□ Montana Chapter, AIA, has elected the following officers and directors:

Ray Thon, Kalispell, *president*
 William E. Grabow, Bozeman, *vice president*
 H. C. Cheever, Bozeman, *secretary-treasurer*
 Vincent Werner, Great Falls, Harold C. Rosé, Bozeman, and Martin Crennan, Helena, *directors*.

□ Pasadena Chapter, AIA, has elected the following officers to serve for the 1966 term:

Lyman Thomas, *president*
 Joseph Thomas, *vice president*
 Mrs. Burdette Pulver, *secretary*
 Chancy Lott, *treasurer*
 Tom Wilson, *director, three years*

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GLEN ASHTON LLOYD—511 East Third So., Salt Lake City.

WILFRED K. FUCHINO—218 N. Nimitz Highway, Honolulu.

GLENN PETERSON—1367 Post St., San Francisco.

WALTER W. ROHRER—6660 Senior Way, Sacramento, from Boise, Ida.

ROBERT E. CRIPPEN—323 First St., Suite 5, Woodland, Calif.

DREYFUSS & BLACKFORD—3540 Folsom Blvd., Sacramento.

THOMAS F. HARGIS, JR.—417 East Chestnut Ave., Yakima, Wash.

JAMES S. LIBERTY & ASSOCIATES—Suite 102, Landmark Bldg., 6303 Indian School Rd., N.E., Albuquerque.

BENEDICT ADAMS—3089 Fair Oaks Blvd., Sacramento.

RICHARD A. CAROTHERS—1621 E. Olive Way, Seattle.

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Western Mountain Region AIA 14th annual conference

Mountain Shadows Resort, Scottsdale, Arizona

October 21 - 23, 1965

"Architecture and the Great Society"

"It's amazing what people will tolerate at their very doorstep. They emerge from sumptuous living quarters to streets where filth and confusion are everywhere. In part, their feelings must be based upon despair of seeing anything done for seemliness in the public sphere — a kind of willful blindness which is better than a sharp, continued pain."

AUGUST HECKSCHER

IN THE PLUSH surroundings of Del Webb's Mountain Shadows resort, some 400 architects and guests at the 14th annual Western Mountain Regional AIA conference heard 21 speakers discuss the responsibilities and opportunities of architects in relation to hopes for a "Great Society."

Keynoting the conference, Clare Booth Luce told the participants that they were partly to blame for "growing ugliness in our cities." She pointed a finger directly: "You must begin to take more responsibility. You must buttonhole businessmen and politicians. . . . they must be made to realize that beauty is good business and good politics." Speaking on "The Urban Catastrophe," she reported unmistakable evidence that cities will decline unless they quickly move to meet the problems of water, air and visual pollution in their environment.

Mrs. Luce was followed by distinguished speakers who explored the need, the techniques and the results possible for involvement of architecture in the nation's beautification program. Backed by able panelists of architects, engineers, planners and attorneys, other guest speakers were Charles Blessing, FAIA, Detroit; George E. Kassabaum, St. Louis, vice president of the AIA; Richard S. Stitt, Director of Information Services, American Institute of Architects, Washington, D.C.

Topping off an afternoon tour of the Paolo Soleri studios was a public session in the evening at the Grady Gammage Memorial Auditorium, Arizona State University, designed by Frank Lloyd Wright. New Yorker August Heckscher climaxed the first day's session with a public address on "Architecture and Environment," pointing out that in the United States there is a gloomy sense of frustration among many of those who think they are ready to build a new world. A third tour, of Taliesin West, conducted by Mrs. Frank Lloyd Wright, was a feature of the second day's session.

Roy Krell, building editor of Sunset Magazine, and the Producer's Council contribution to the conference, discussed ten years of Western architecture at a noon luncheon sponsored by the PC.

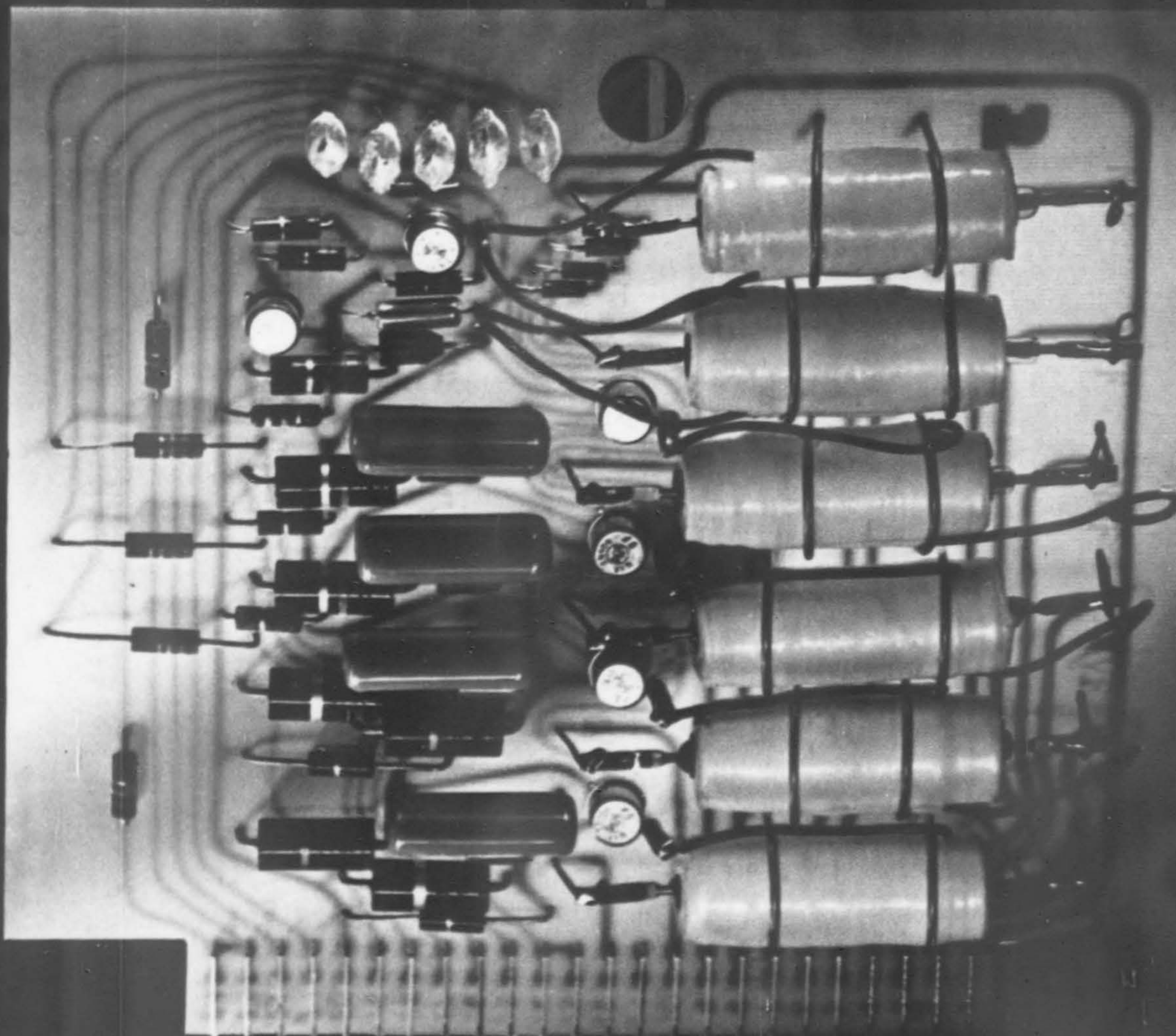
Highlight of the three-day meeting was the presentation of the Institute's Community Award for Excellence in Architecture to Salt Lake City for their Second Century Plan. (See page 28, this issue.)

An eminent jury studied 58 architectural competition entries from the six states comprising the Western Mountain Region and awarded seven Honor Awards without classification (see January '66 A/W for winners).

Jimmie Nunn, conference chairman for the Phoenix host chapter, and his able committee chairmen, are still receiving plaudits for a most successful conference. Santa Fe, New Mexico, chapter will host the 15th convention in 1966.



James M. Hunter, FAIA, Regional Director, presents Institute's certificate for Community Award of Excellence in Architecture to M. Walker Wallace, president, Downtown Planning Association, Salt Lake City.



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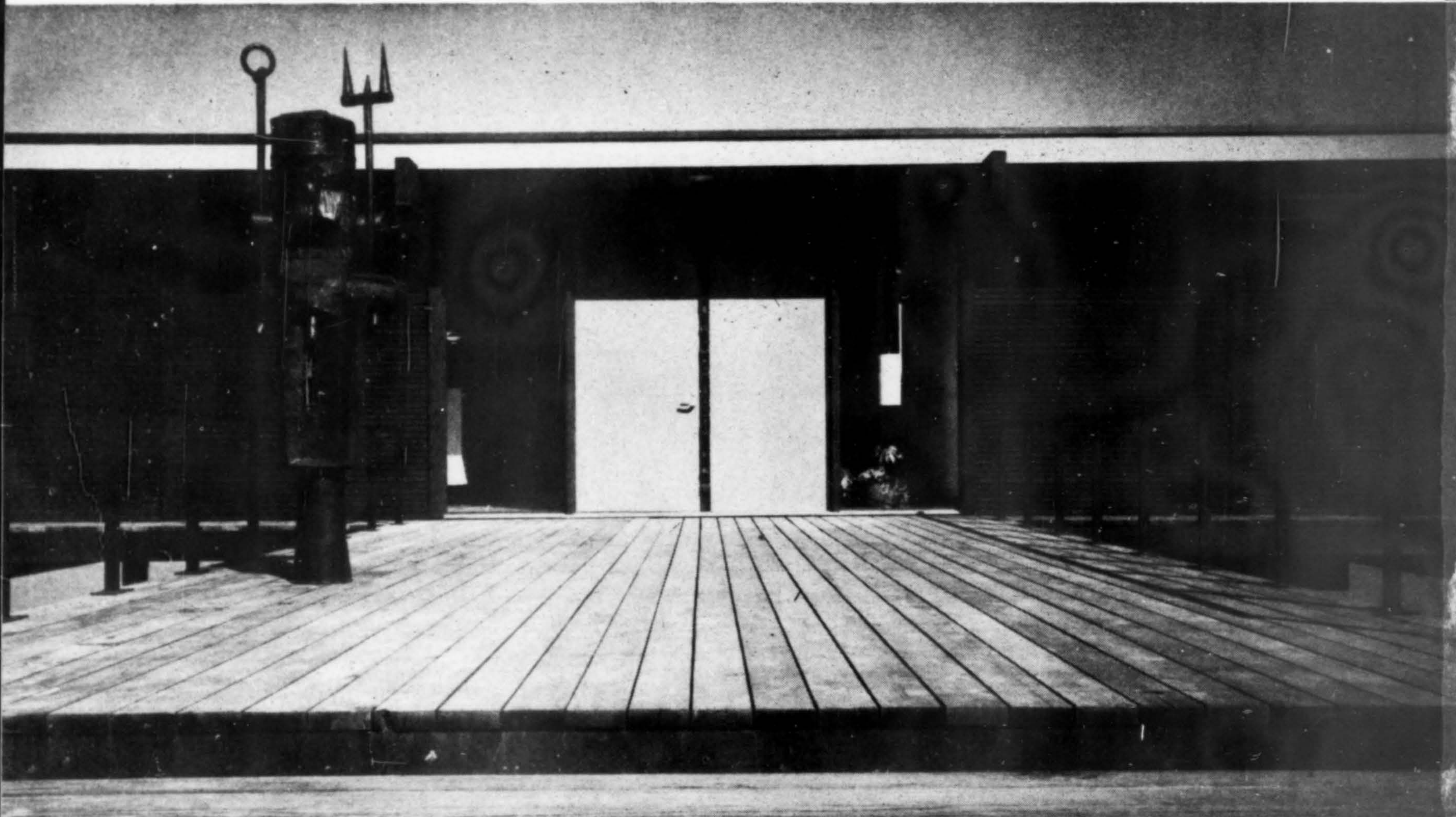
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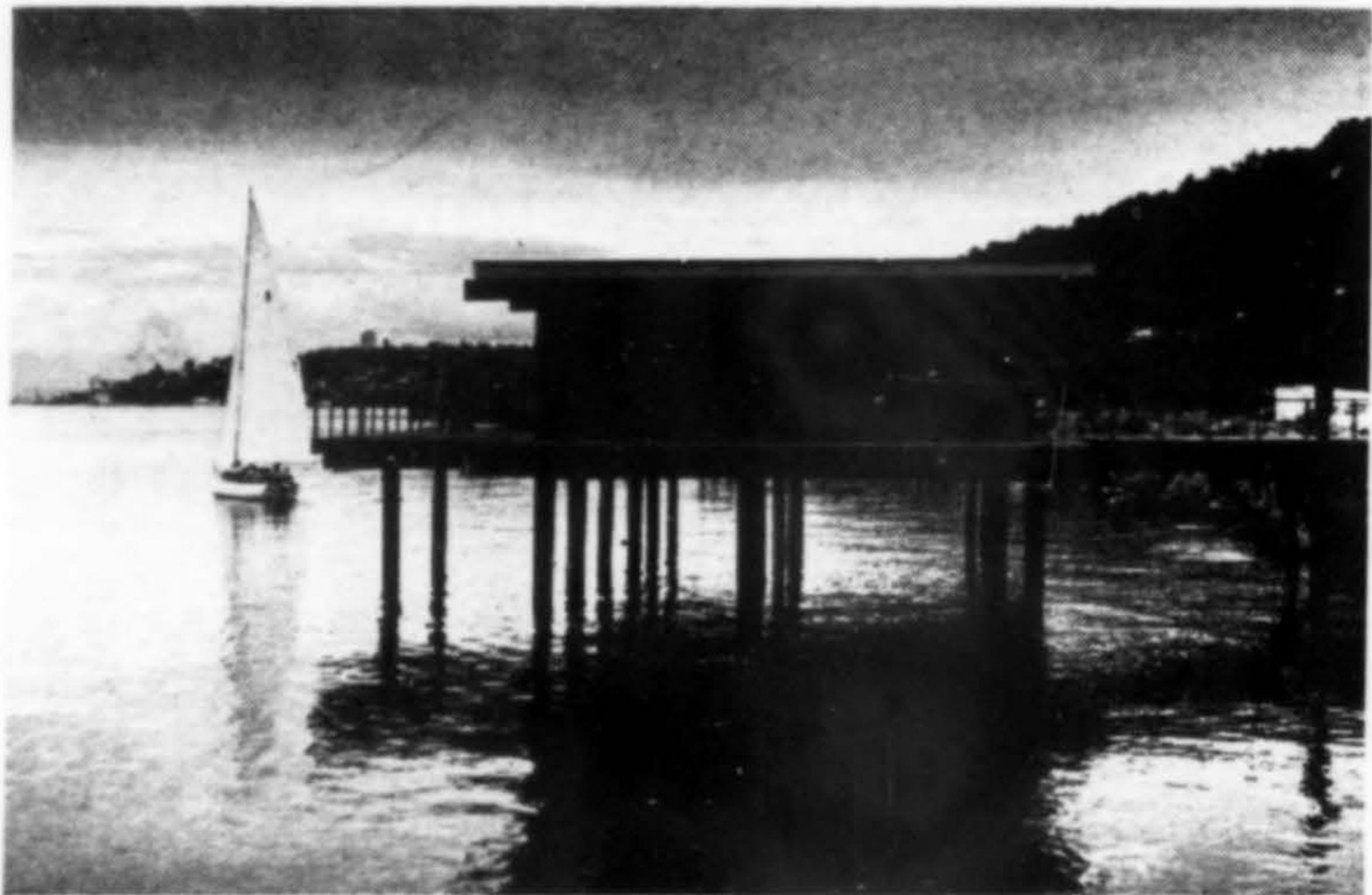
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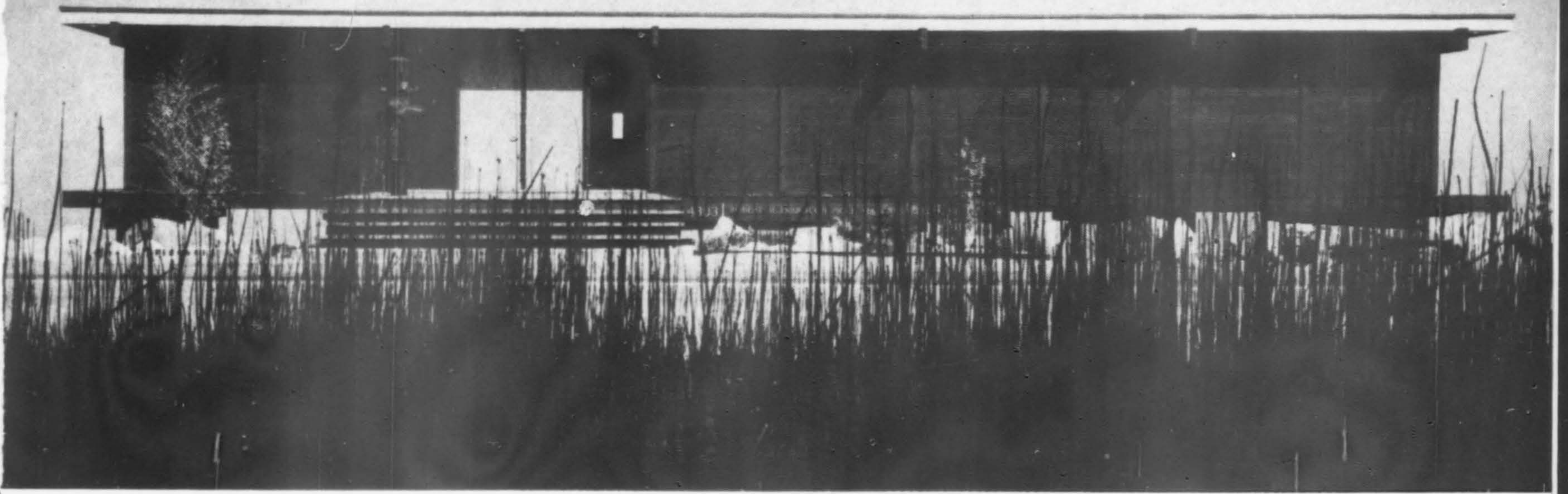
Where the Architects Hang Their Hats . . .

ROBERT BILLSBROUGH PRICE & ASSOCIATES
Tacoma, Washington



Morley Baer photos

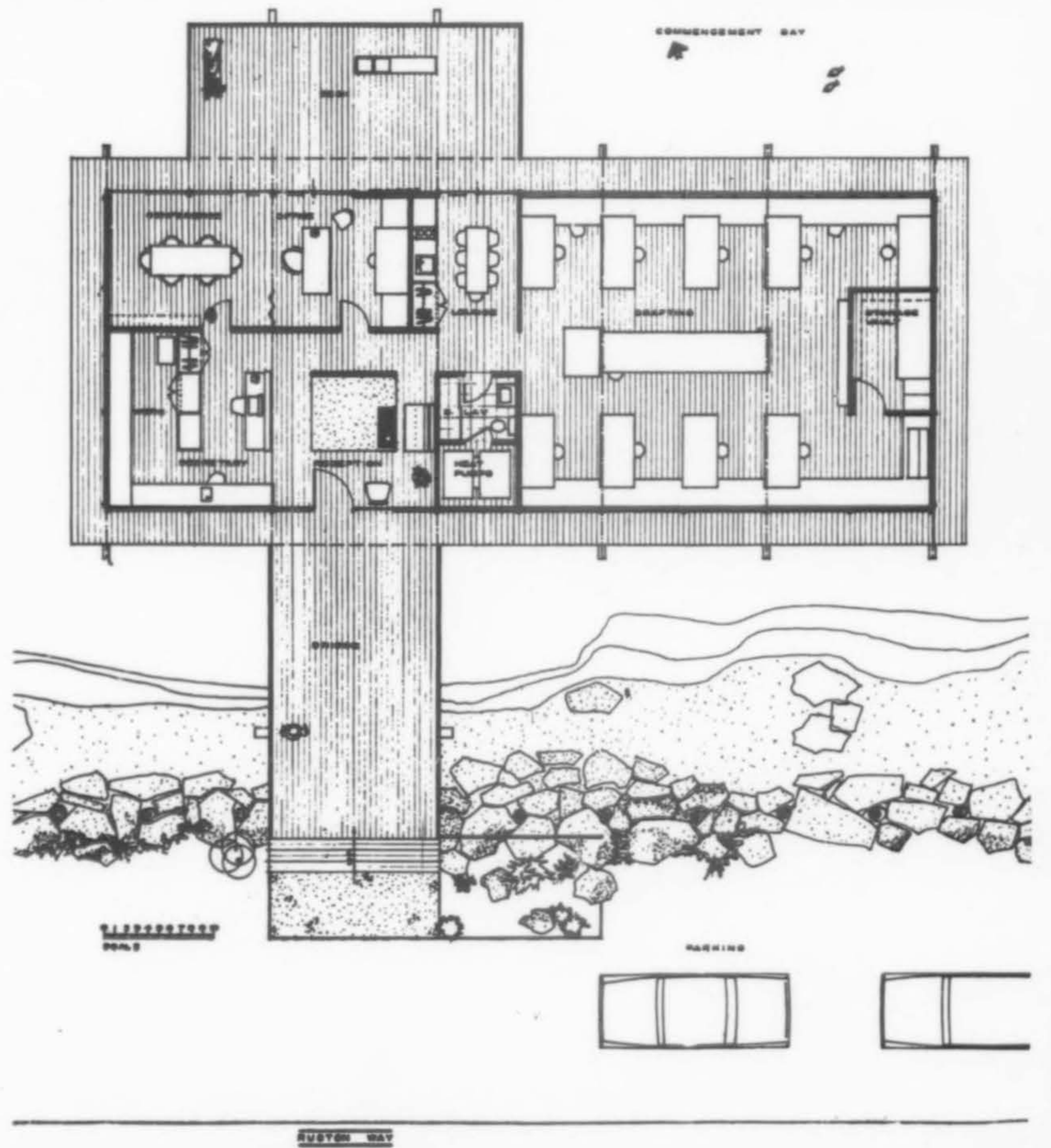


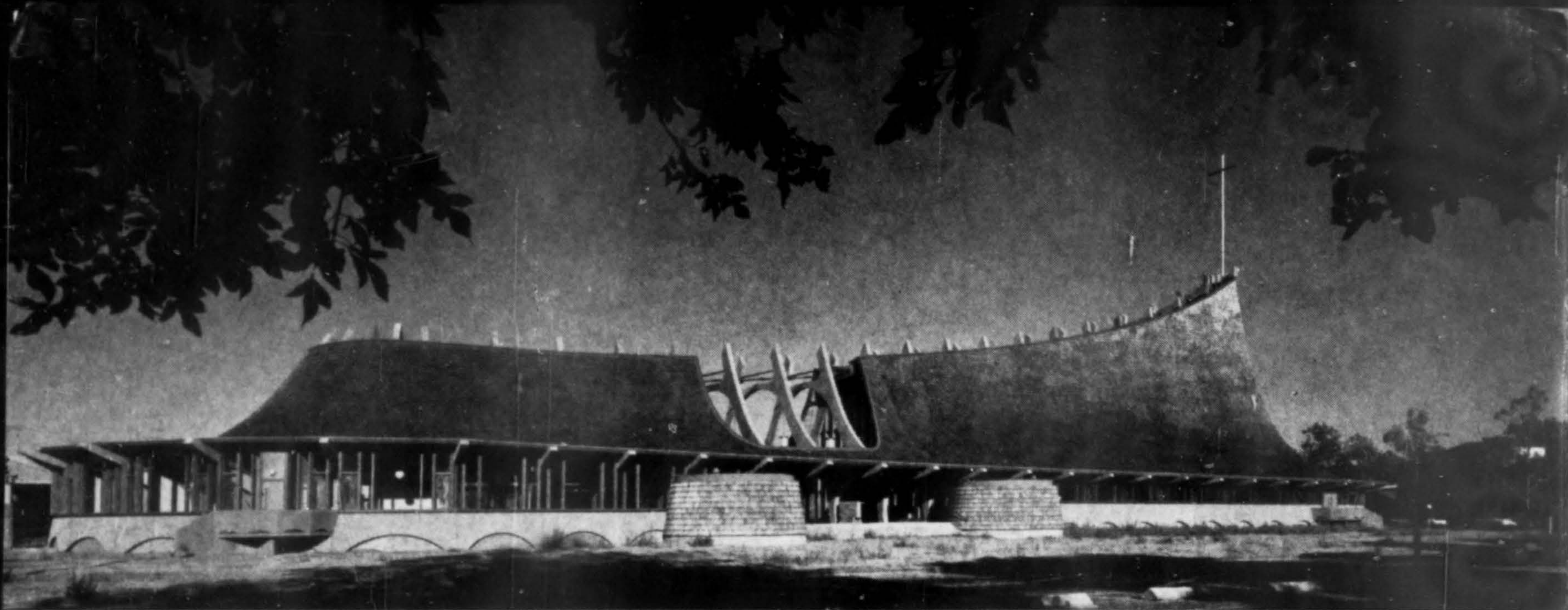


FEW ARCHITECT'S offices can boast a setting comparable with that of Robert Billsbrough Price & Associates in "old Tacoma." Forced to move when the old office was in the path of a new freeway, Price built his new quarters two years ago. Erected over the water on creosoted piling, the building is a simple rectangular structure, using a space frame of laminated wood beams. All principal areas of the building are oriented to the water, naturally, and the large deck over the water is much used. Within the 2200 sq. ft. are foyer, secretaries' work area, private office, conference room, eating area, and large drafting room with a vault.

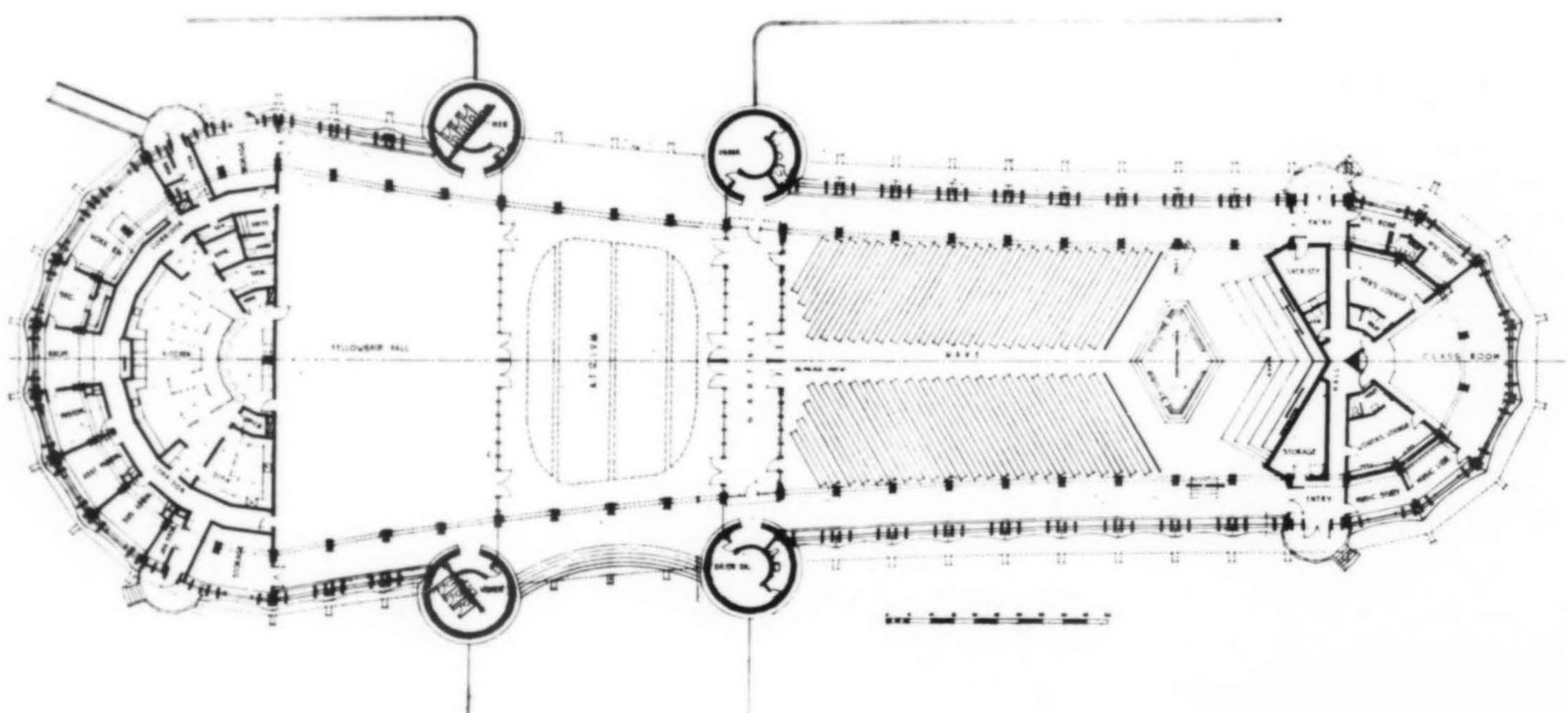
Interior finishes throughout are rough-sawn cedar ceilings, white plastered walls and natural oiled oak floors. Casework is made up of bright plastic-faced Monitor cabinets. Sculpture is by Harold Balazs.

Bob Price, a graduate of the University of Washington, organized his own office in 1949. His firm has won various design awards, including one for this new office from the Southwest Washington Chapter, AIA.





CATHEDRAL QUALITIES IN MODERN CHURCH

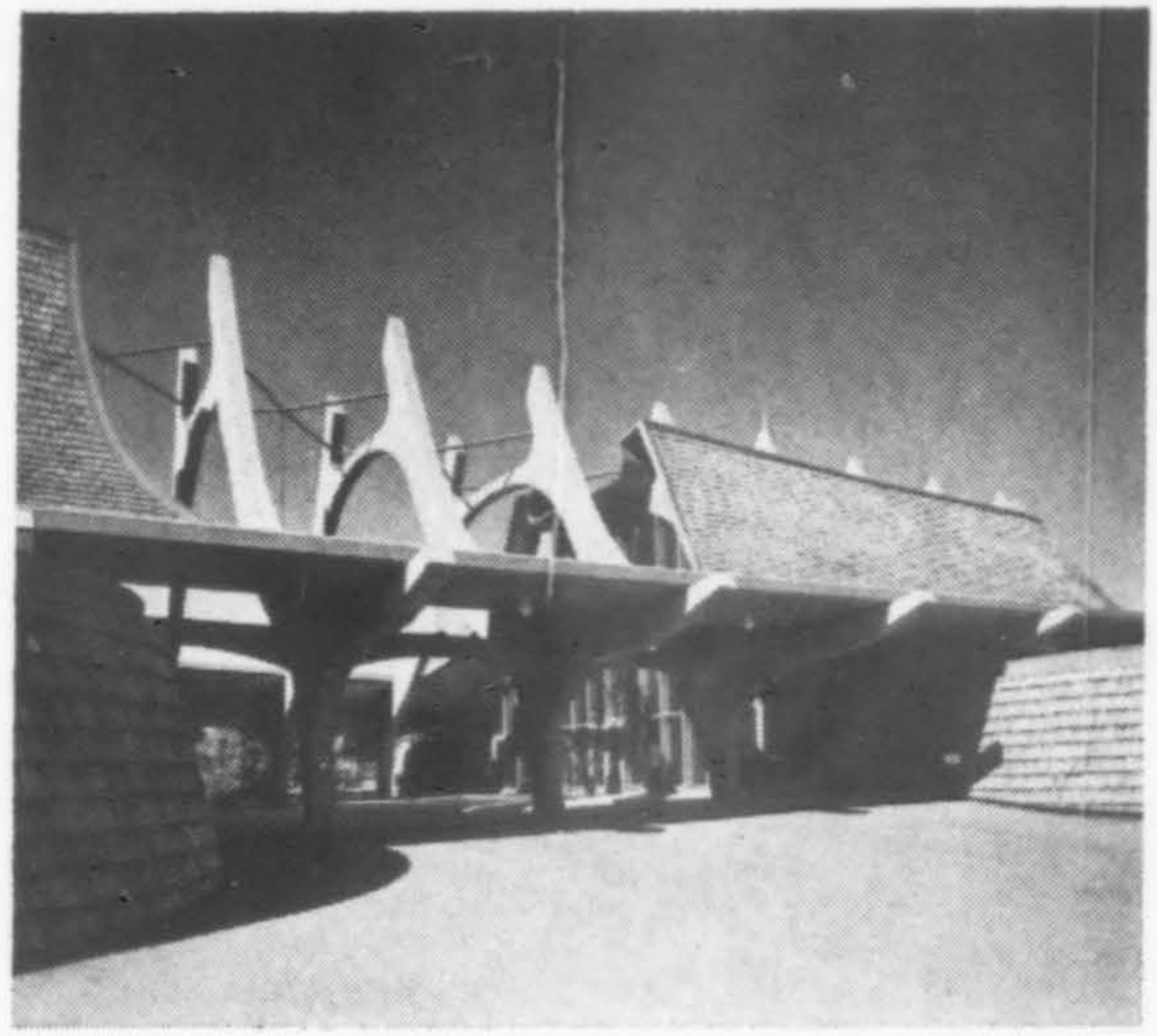


CENTRAL METHODIST CHURCH
Stockton, California

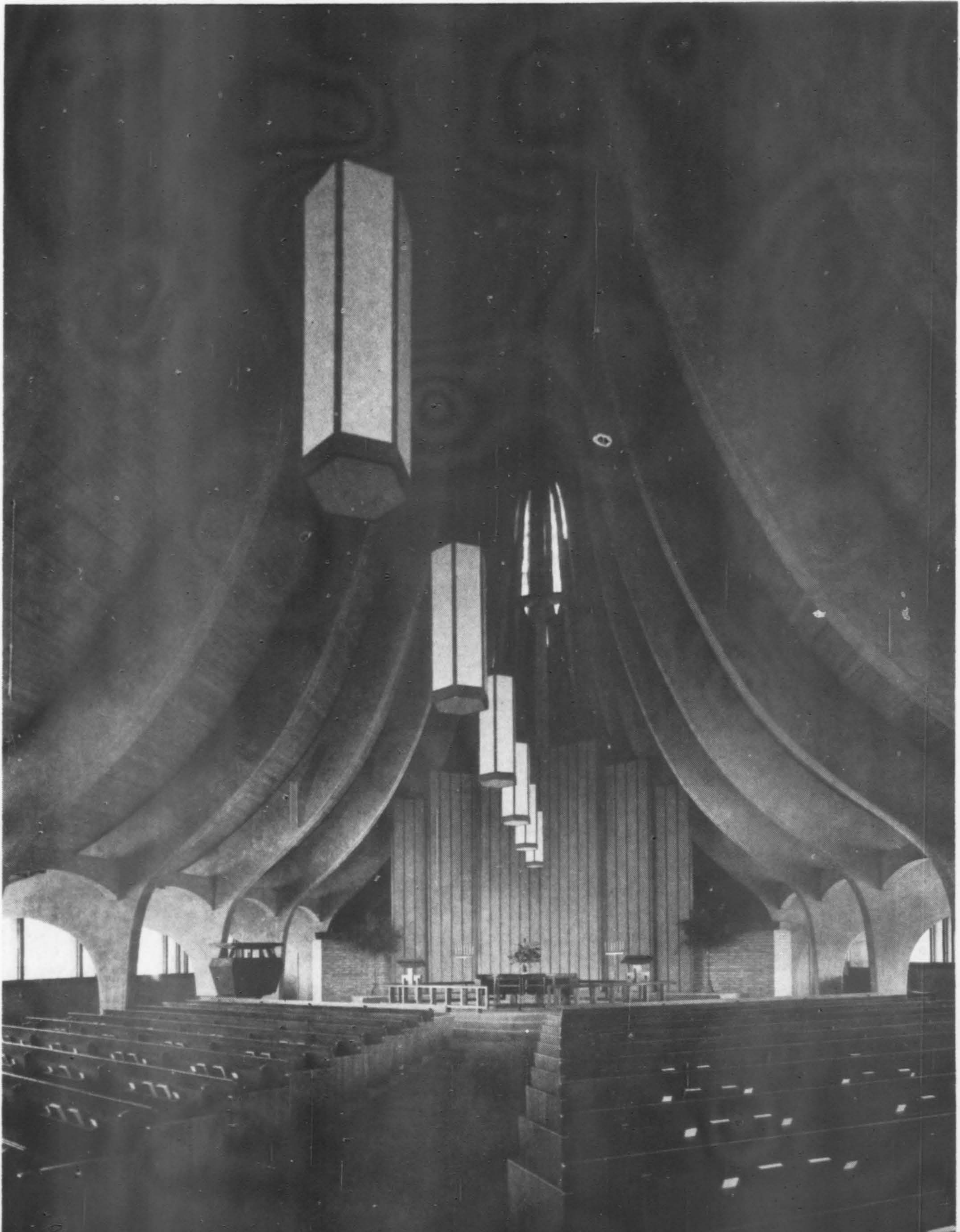
ANSHEN & ALLEN
Architects

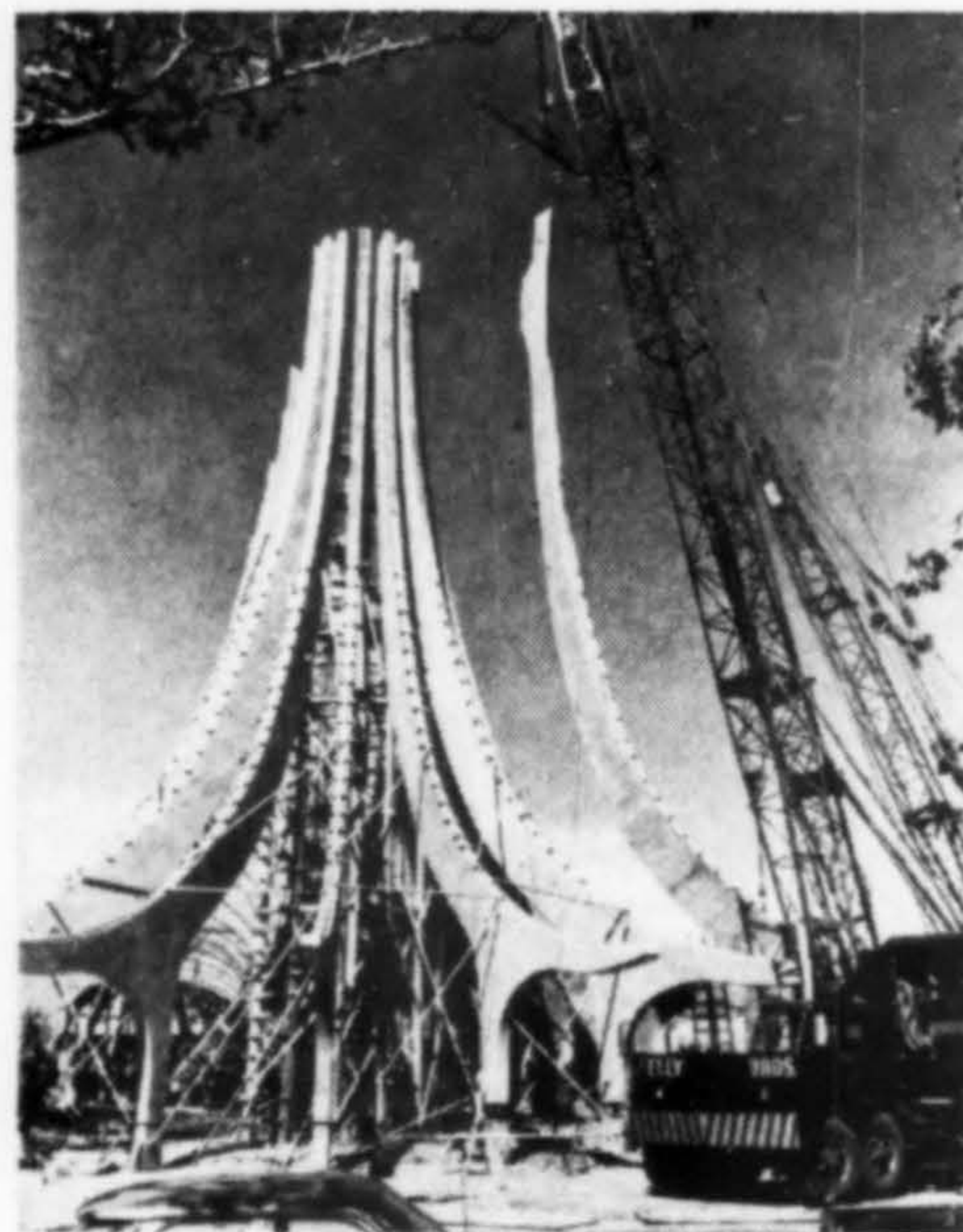
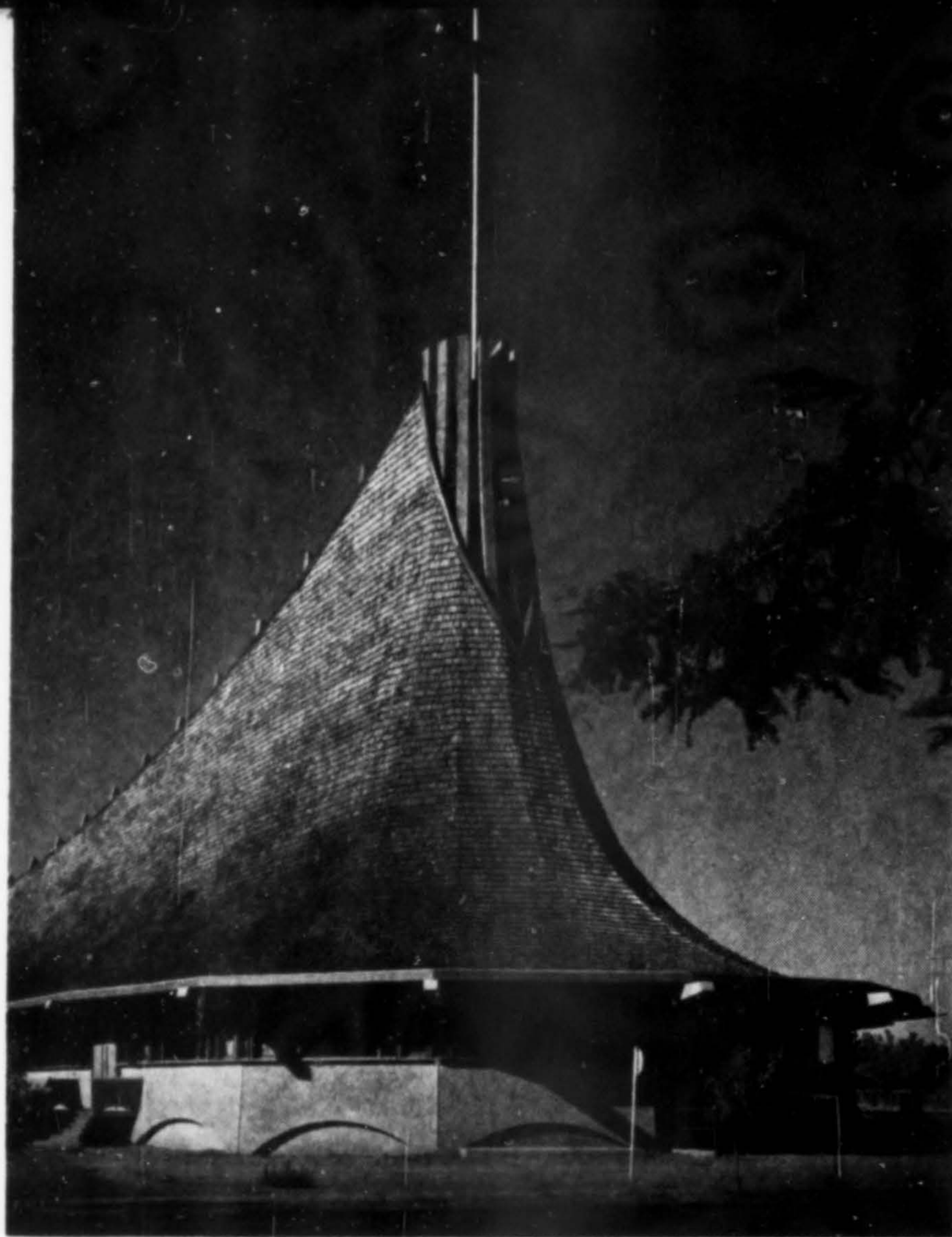
C. S. Plumb Construction Co.
Contractor

Isadore Thompson
Structural Engineer



Photos of completed project by Roger Sturtevant





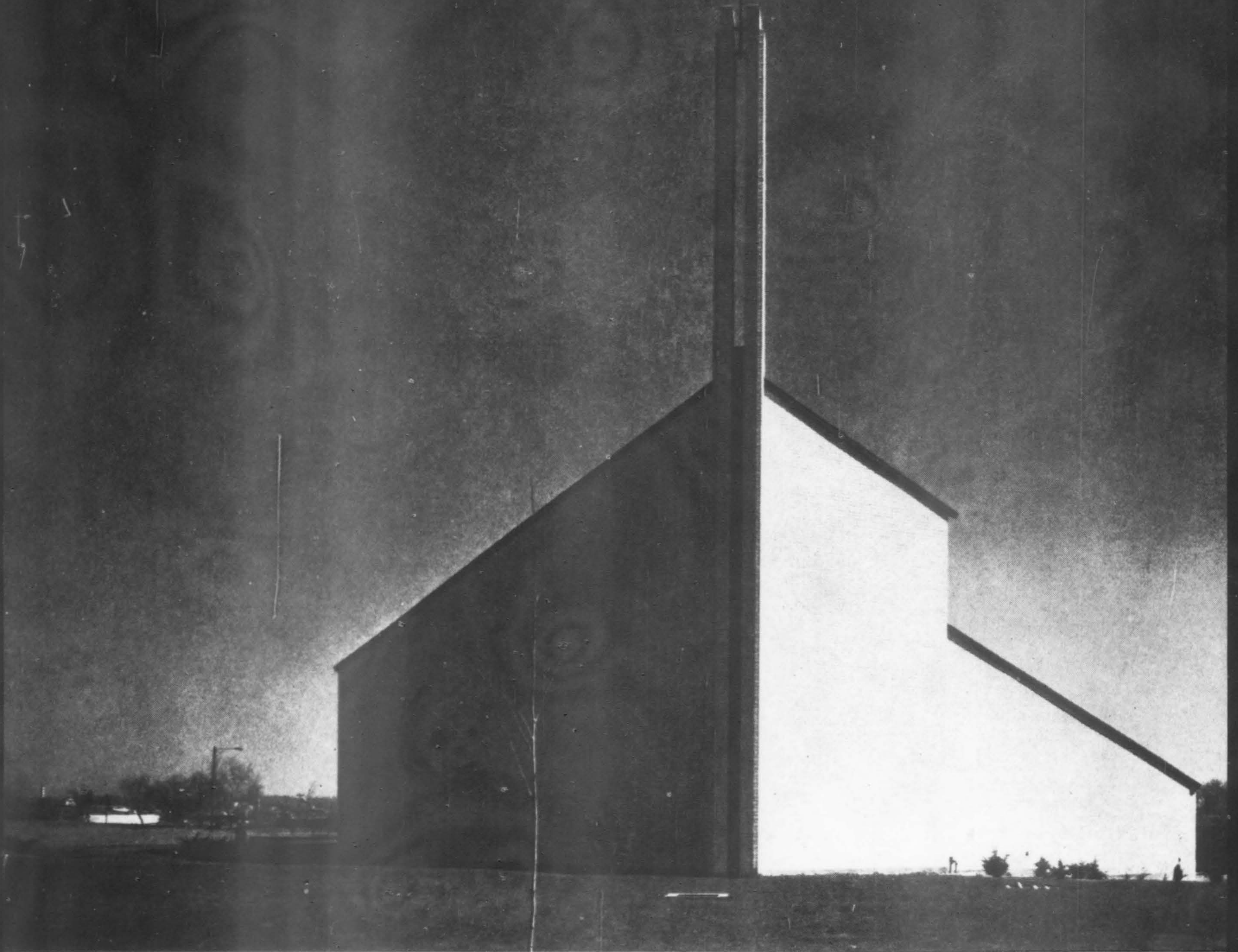
A MEMBER of the church correctly diagnosed what the architects hoped to accomplish in the design of the Central Methodist Church: "This has a certain grand quality, but it also has a character reminiscent of the camp meeting days of the church." While modern methods and techniques were employed in the construction, the ultimate effect is a sanctuary with the religious qualities of older designs, but which emerges as a cathedral strictly of the present.

The structure soars from a height of 25-ft. in the fellowship hall to 85-ft. over the chancel. The principal elements of construction are the precast bents, which though of graduated heights, are all the same shape, cast in the same form. The 57 precast bows that shape the skeleton join in pairs to make the big backbone do in single monolithic pieces what the cut-stone buttresses did in the Gothic church. Erection of the bents, cast on site, called for split-second timing and control. Four cranes delicately danced the bents into place, working against close tolerances of an inch or so at the beginning and in the end, with no maneuvering room at all.

The roof is composed of heavy planking covered with thick redwood shakes. The low widely overhanging eaves protect the windows from the sun and the glare of the harsh inland valley climate.

The church is located on Pacific Avenue, opposite the campus of the University of the Pacific. The principal entrance, off Pacific Avenue, is through an atrium with the sanctuary to the right and the fellowship hall, kitchen and administration to the left. The sanctuary seats 650, an additional 100 in the choir. The atrium and fellowship hall accommodate any overflow.

The church was completed in September, 1964, at an approximate cost of \$675,000.

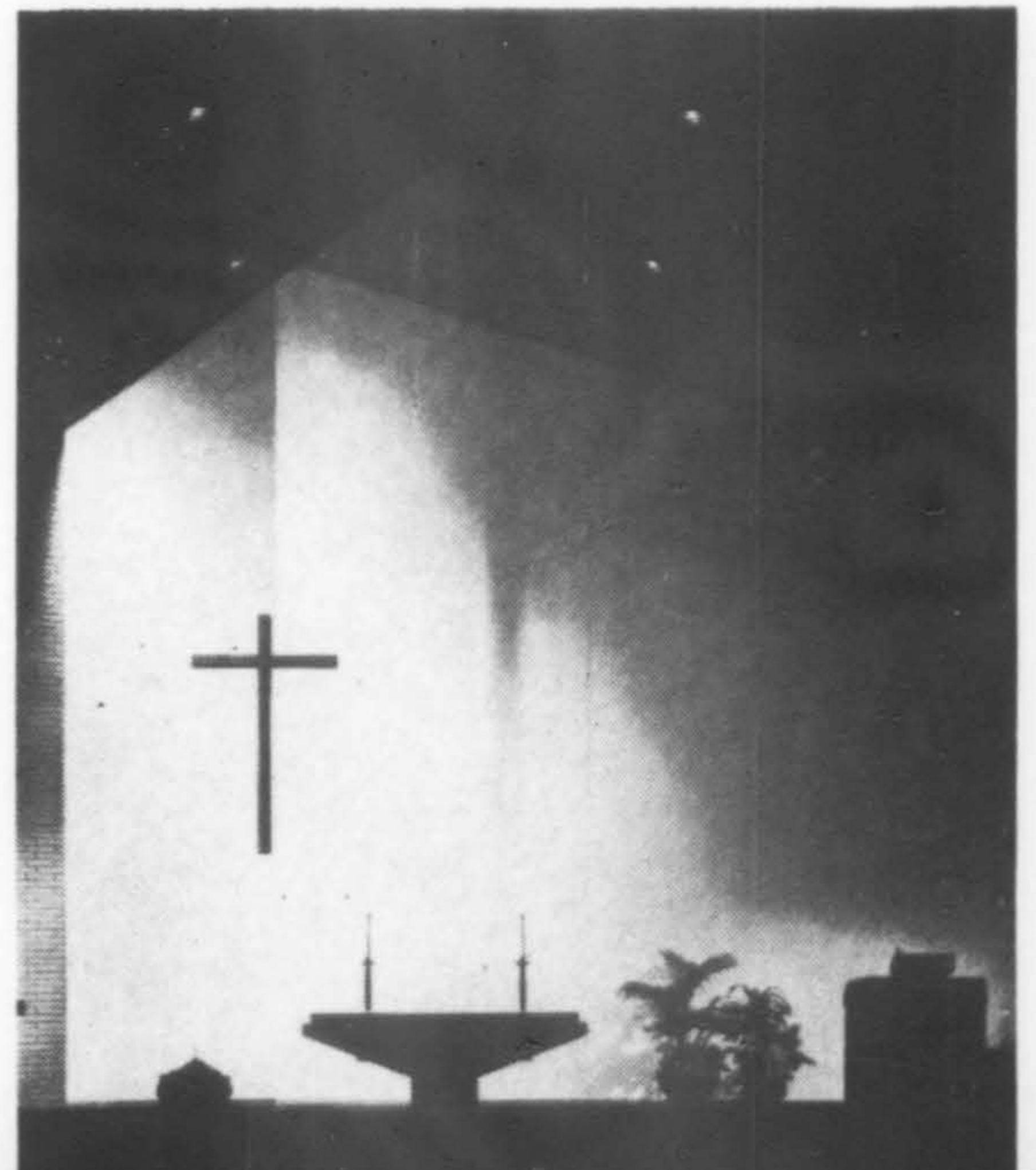


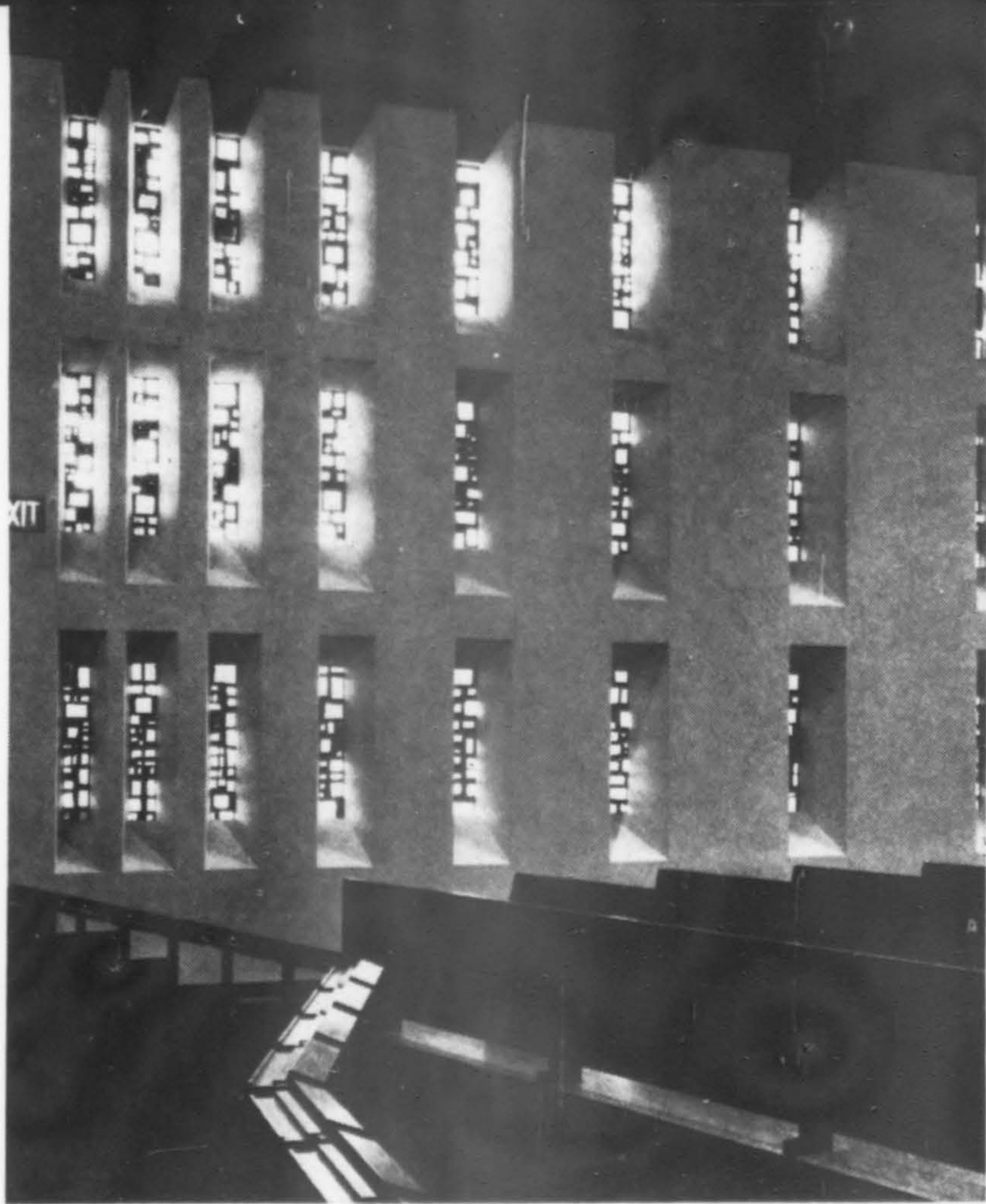
A Sober Statement of Great Simplicity

CENTRAL UNITED PROTESTANT CHURCH
Richland, Washington

DURHAM-ANDERSON-FREED
Architects

GEORGE A. GRANT, Inc., General Contractor
HAROLD K. ROE, Structural Engineer
VALENTINE, FISHER & TOMLINSON, Mechanical Engineer
B. A. TRAVIS & ASSOCIATES, Electrical Engineer



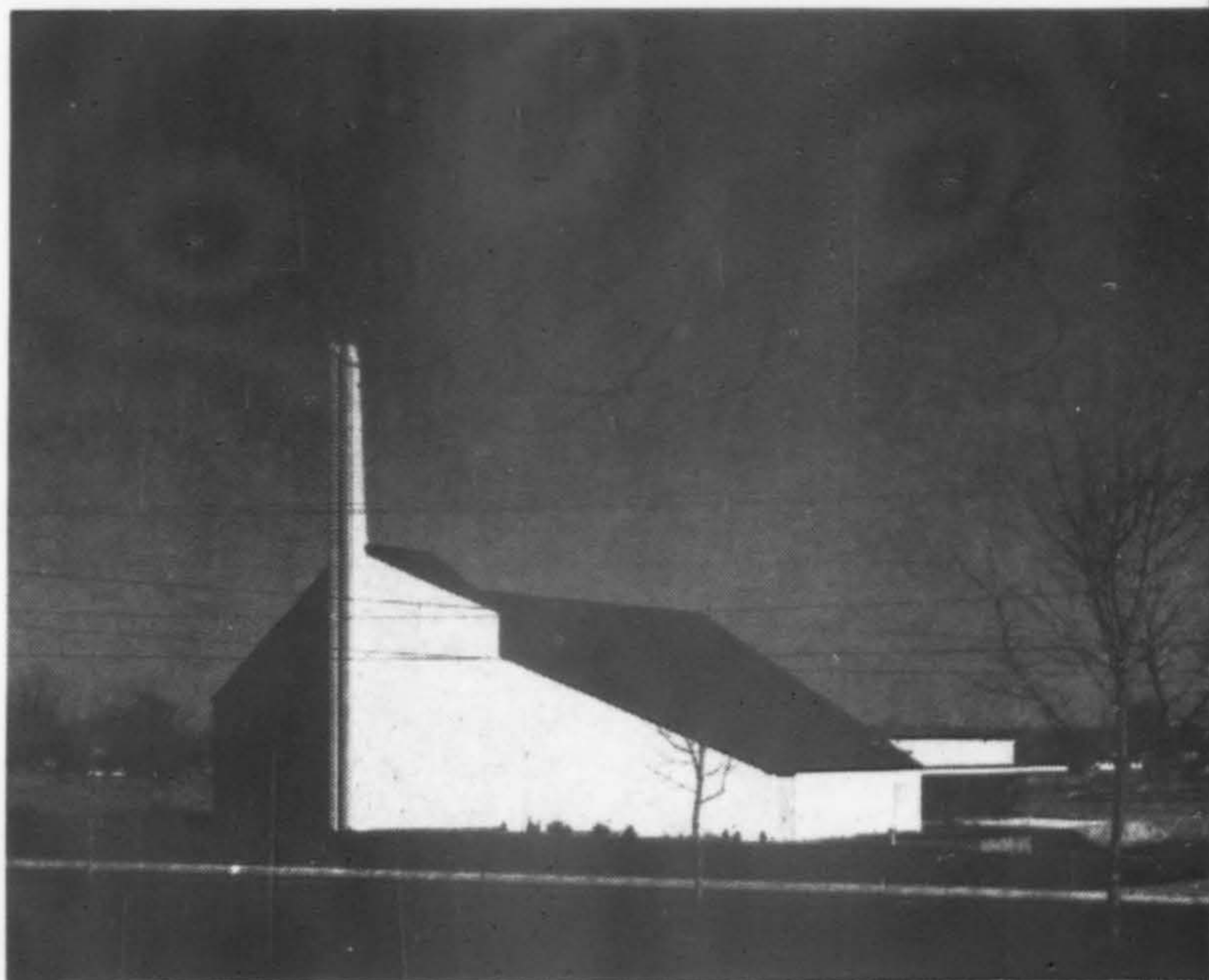


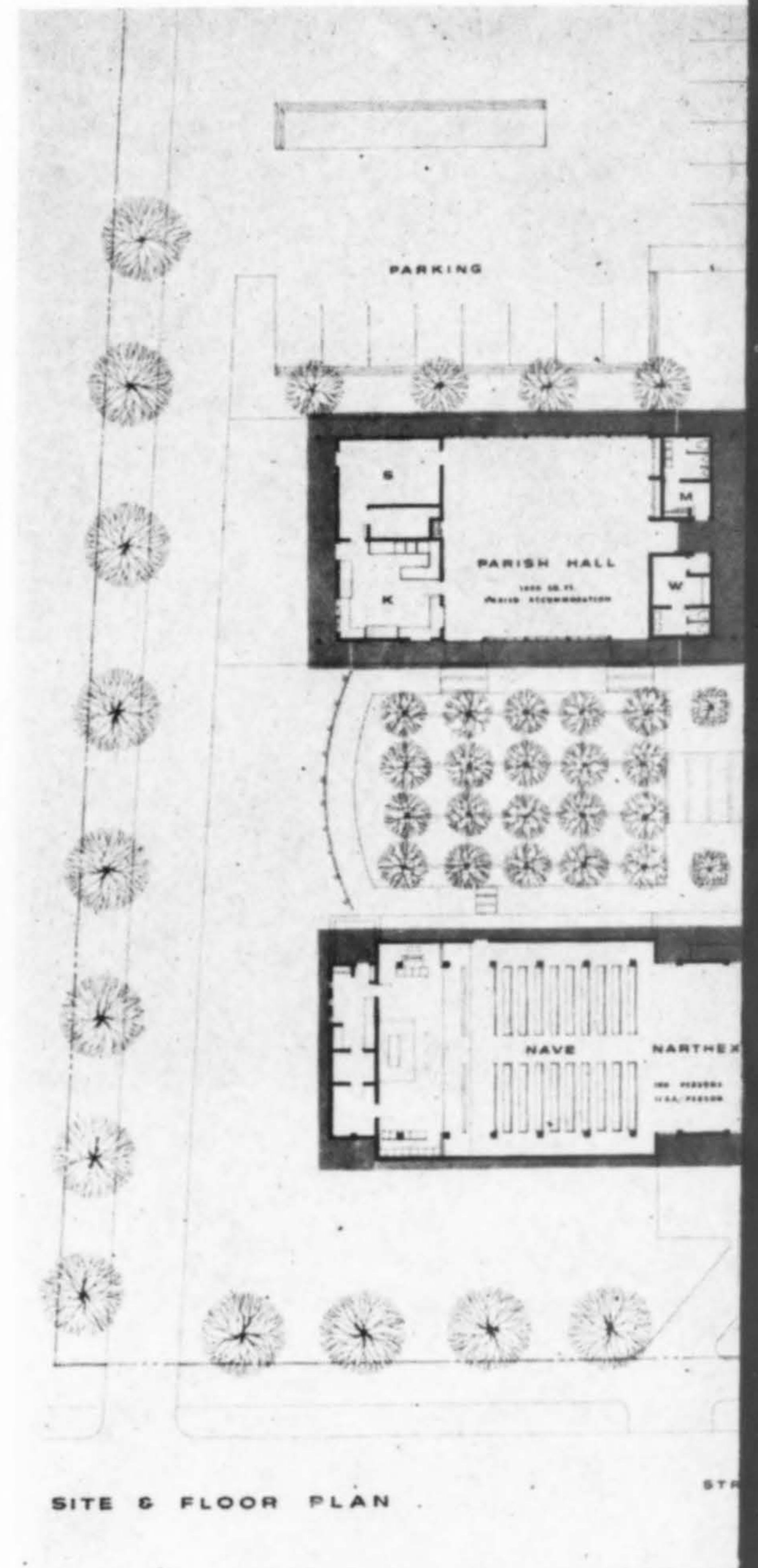
Durham-Anderson-Freed have won numerous awards in ecclesiastical design. Often their church commissions have been executed in the Northwest wood idiom. However, this church, a sober statement of great simplicity, seems more akin with contemporary European churches. It appears perfectly cast with the rather austere countryside in which it is placed—if only the congregation will resist inclinations to “pretty” the site with inconsequential plantings. The Church Architectural Guild named this church for an Honor Award in the 1965 program.

A GROWING CONGREGATION, housed in an old military chapel built by the government for Richland, the “atomic city,” had gone through some extended planning experiences, resulting in a new two-story education wing. Next, they sought to express their sense of understanding a renewed mission in their community. This required a seating area for 600 people so conceived that the “heat of the desert would leave a cool oasis” in the sanctuary.

Since the church is constructed in dry eastern Washington, the architects strove to achieve reflectiveness from the hot summer sun and warmth of color and wood during the cold winter. The worship space is essentially a round room without giving up the simplicity of straight walls in the exterior enclosure. One wall of unseen glass brings light over the altar; it is complemented by an entire wall of pierced openings of faceted glass on the north side of the building. The choir is given the same opportunity to witness the service as those worshipping in the pews. No beams were allowed to project below the two spacious wood planes of the sloping ceiling in order to achieve the same simplicity of the interior which is inherent in the exterior design.

Exterior materials include white face brick with white mortar, clear and faceted colored glass, aluminum sash, and slate gray composition shingles. On the interior are plaster and exposed brick walls with resawn cedar on the nave ceiling. The nave structure is of steel bents with wood frame joists. Complete heating and air-conditioning are supplied by electric furnaces. In 1964, its 19,765 square footage was built for \$360,786, including site development.



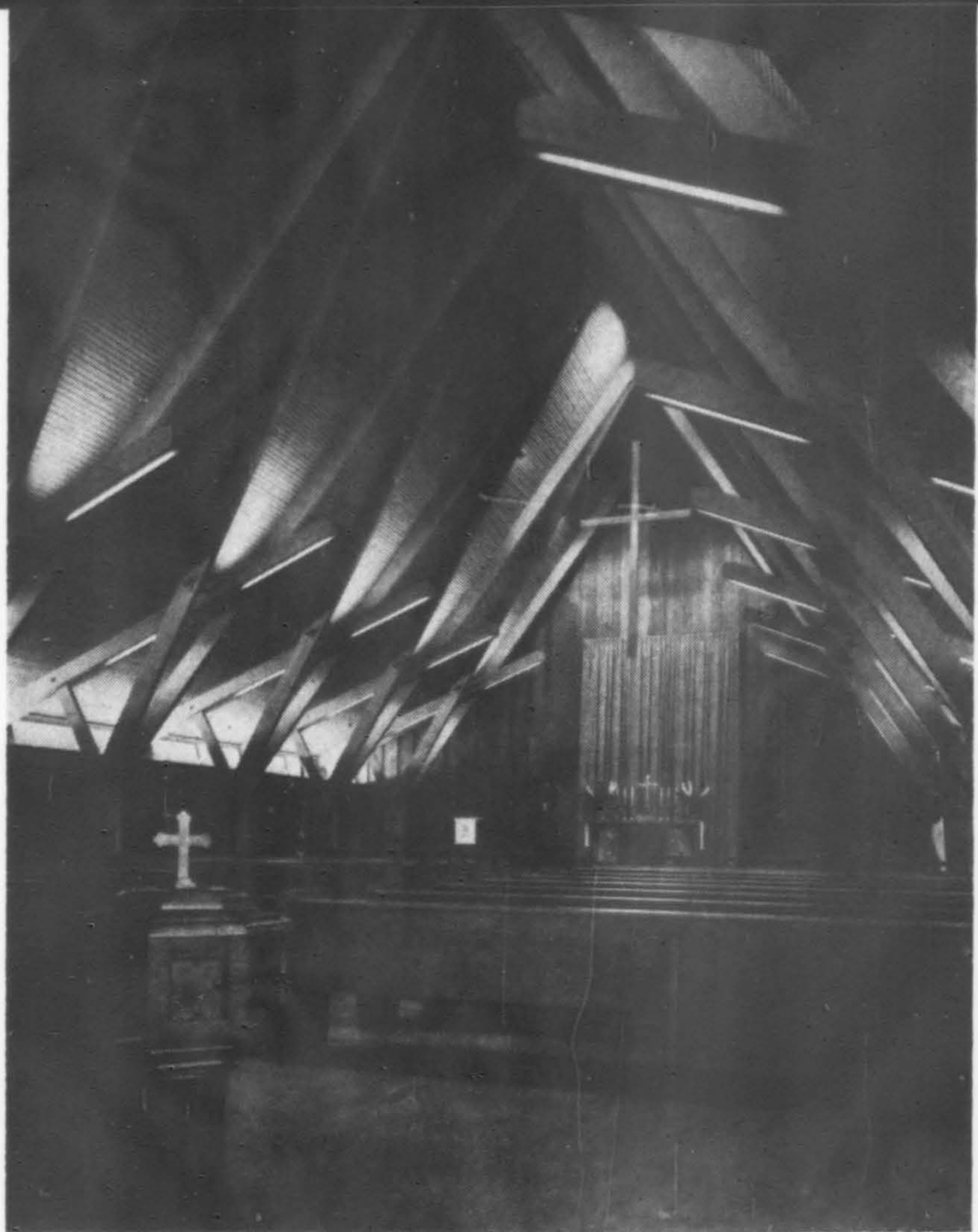
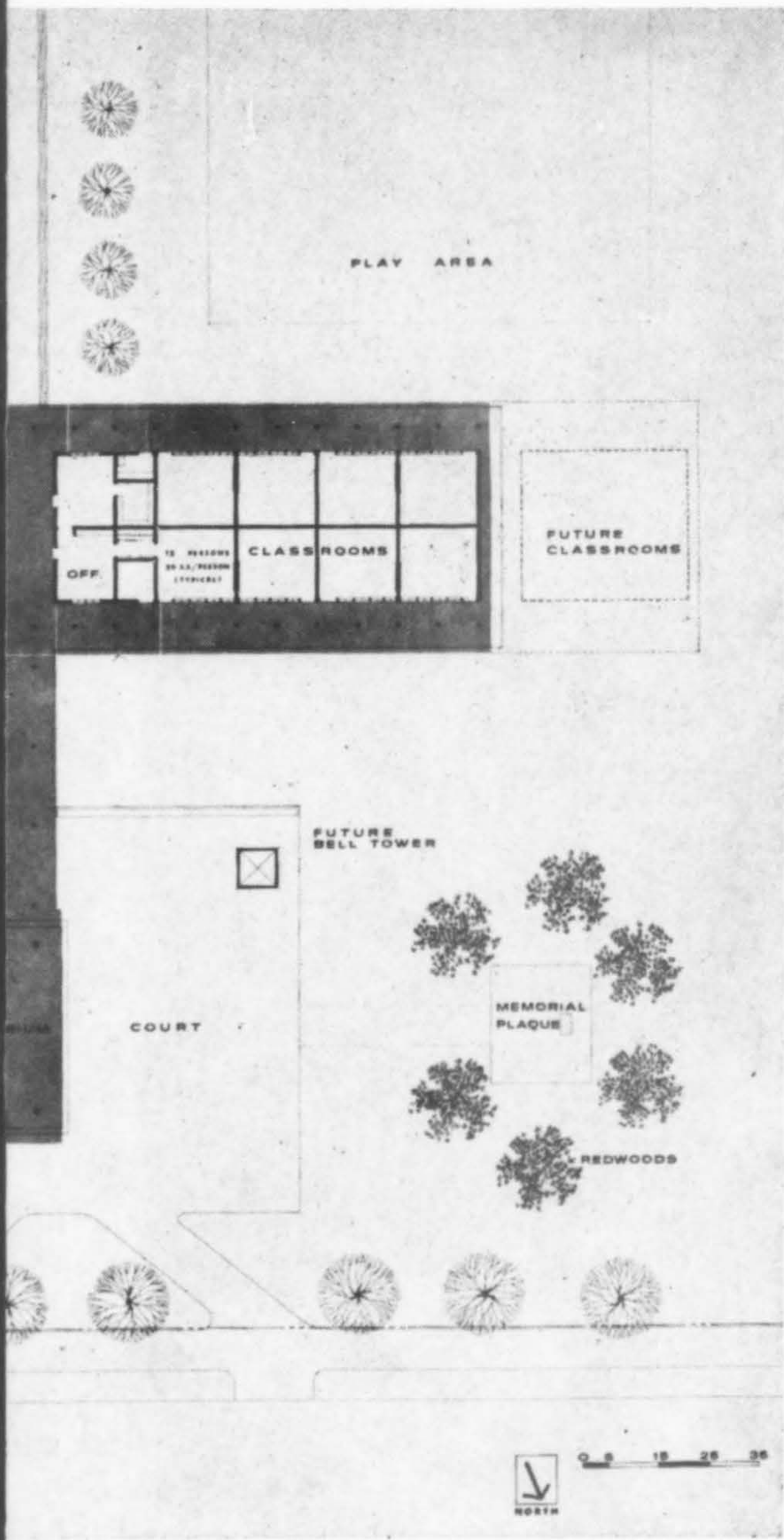


THE BASIC PROBLEM was to design, for a small Northern California town, a church complex (church, parish hall and school) within a limited budget of \$125,000. The greater problem was to create an environment which would draw the faithful (and backsliding) to church. The parish requested that the church feel like a spiritual home and dominate visually the greater physical mass of the parish hall, offices and classrooms. Thus these subsidiary functions were separated from the church and arranged beneath a long low roof which contrasts with the upward thrust of the church itself. This relationship effectively separates the informal and noisy activities of the complex from the services of worship.

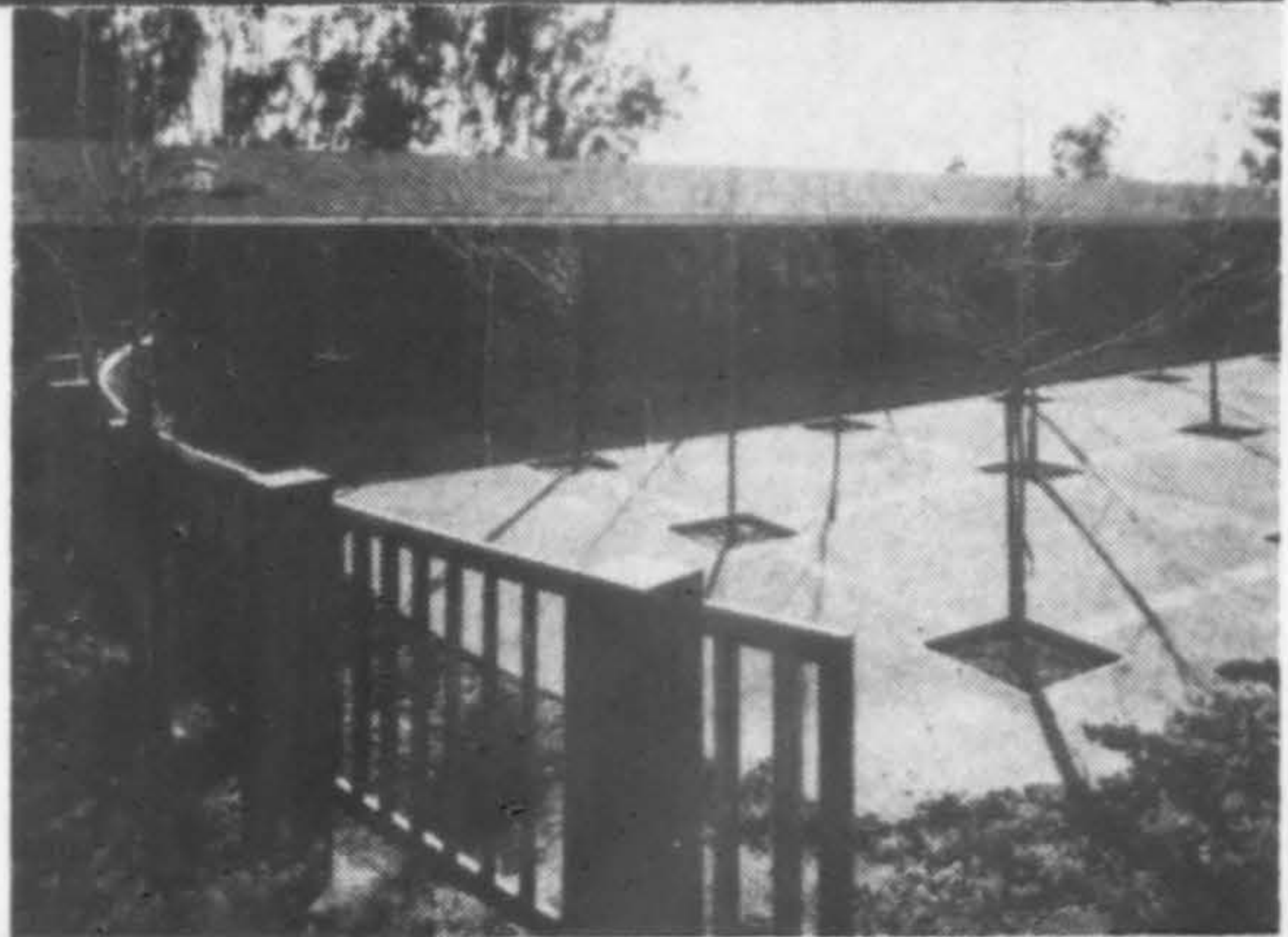
The church is designed to have the 140 persons in pews as close to the altar as possible without resorting to a "church in the round," but the narthex is left open for pageants and displays so that on Holy Days an additional 50 seats can be added.

The church roof is supported on a free-floating three-hinged arch resting on concrete columns which transmit both the vertical and horizontal thrust to ground. Glulam beams are set at an angle to the roof deck to provide diagonal bracing (Sonoma is in earthquake zone 3). The walls are of solid 3" redwood or redwood siding. Remainder of the complex is conventional wood-frame construction. All of the stained glass windows, with the exception of those transferred from the old church, were designed by the architects.

Parish Request:



The summers are hot in Sonoma. The congregation comes together from the far hills on Sundays only, and the tree-shaded court and broad sheltering porch offer pleasant relief from the summer sun.



A SPIRITUAL HOME

TRINITY EPISCOPAL CHURCH COMPLEX
Sonoma, California

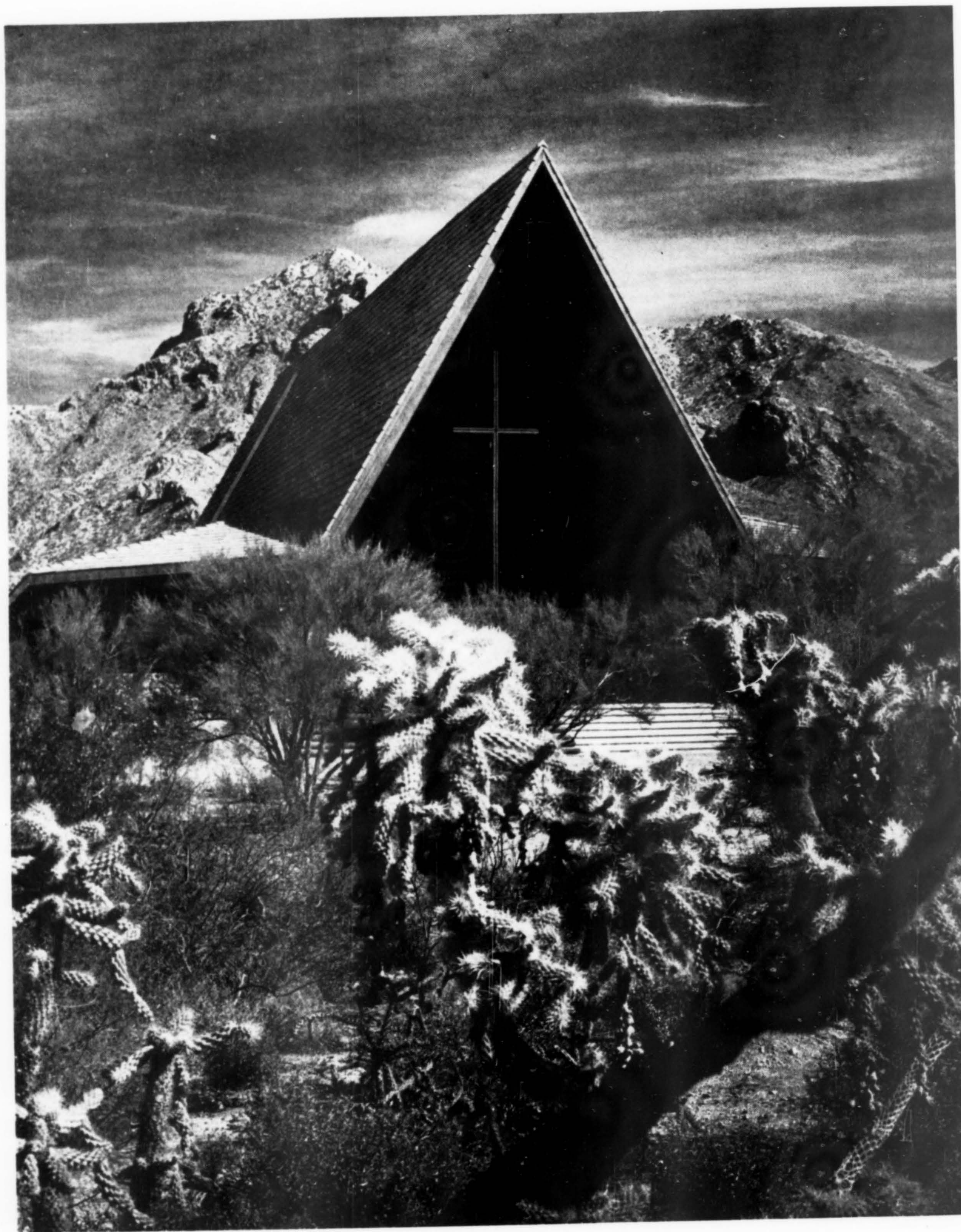
IAN MACKINLAY & ASSOCIATES
Architects

C. C. BEAN & SONS
General Contractor

PREGNOFF & MATHEU
Structural Engineers

Jerry Bragstad photos





Desert mountains: BACKDROP FOR WORSHIP

ST. ANDREW'S CHURCH was conceived as a strong enclosure, separated from the outside, which would welcome man and provide for his spiritual needs. Molded in ancient basilica form with lofty, dim, central spaces and more intimate side aisles, an atmosphere of spirituality and repose has been achieved, enhanced by the control of light and sound, the texture and color of the materials used.

The church is sited on five acres of rolling desert in an undeveloped area, church-owned. Future subdivisions of adjacent land are set in an established pattern: one acre lots with existing desert flora retained as landscaping. The small but active washes cut the property into one large and two small ridges with an exceptional stand of Palos Verde trees covering much of the larger ridge. Any approach from the county road sets the church off against a magnificent backdrop of the Catalina Mountains.

This is the first unit of a complex containing a church, school, fellowship hall and chapel. The church seats approximately 350, an additional 20 in the choir. In accordance with the pastor's interpretation of the Reformation liturgical requirements, no lectern was required, and the communion table and pulpit were centrally located.

Natural materials were preferred in the actual building process. Clay tile roof in a smooth gray is on 3" cedar deck with laminated beams resting on concrete Y-columns. Walls are undulating rubble stone of black marble with colored concrete slab on a raised earth platform. Sound reverberation is modified by the use of bare, hard surfaces in the chancel area, concrete floors with carpet runners in the aisles and upholstered pews. The metal mosaic entrance doors and the cross were designed and executed by local craftsmen.

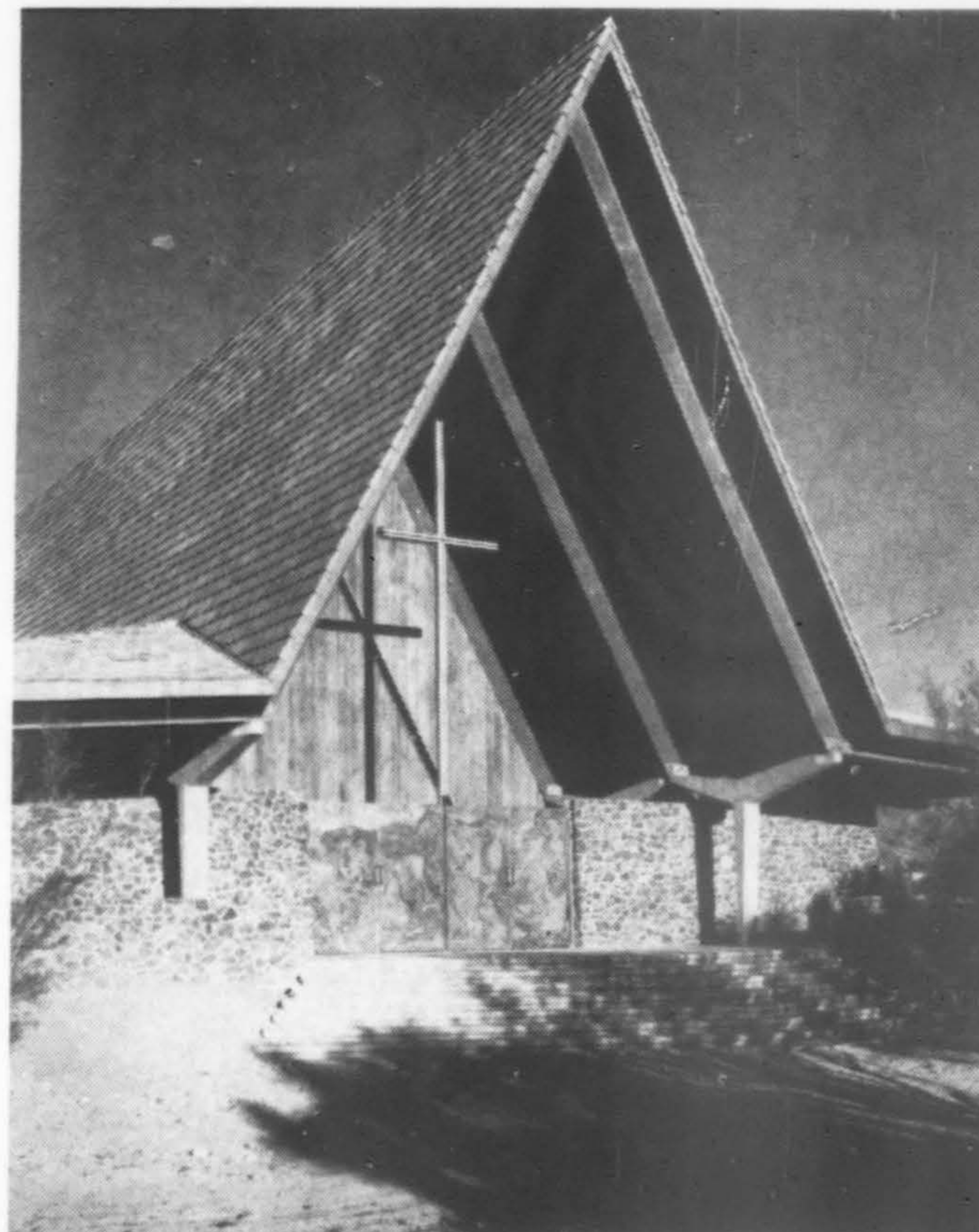


Bill Sears photos

ST. ANDREW'S PRESBYTERIAN CHURCH
Tucson, Arizona

CAIN, NELSON & WARES
Architects

ETTORE DeCONCINI BUILDERS, Inc.
General Contractor





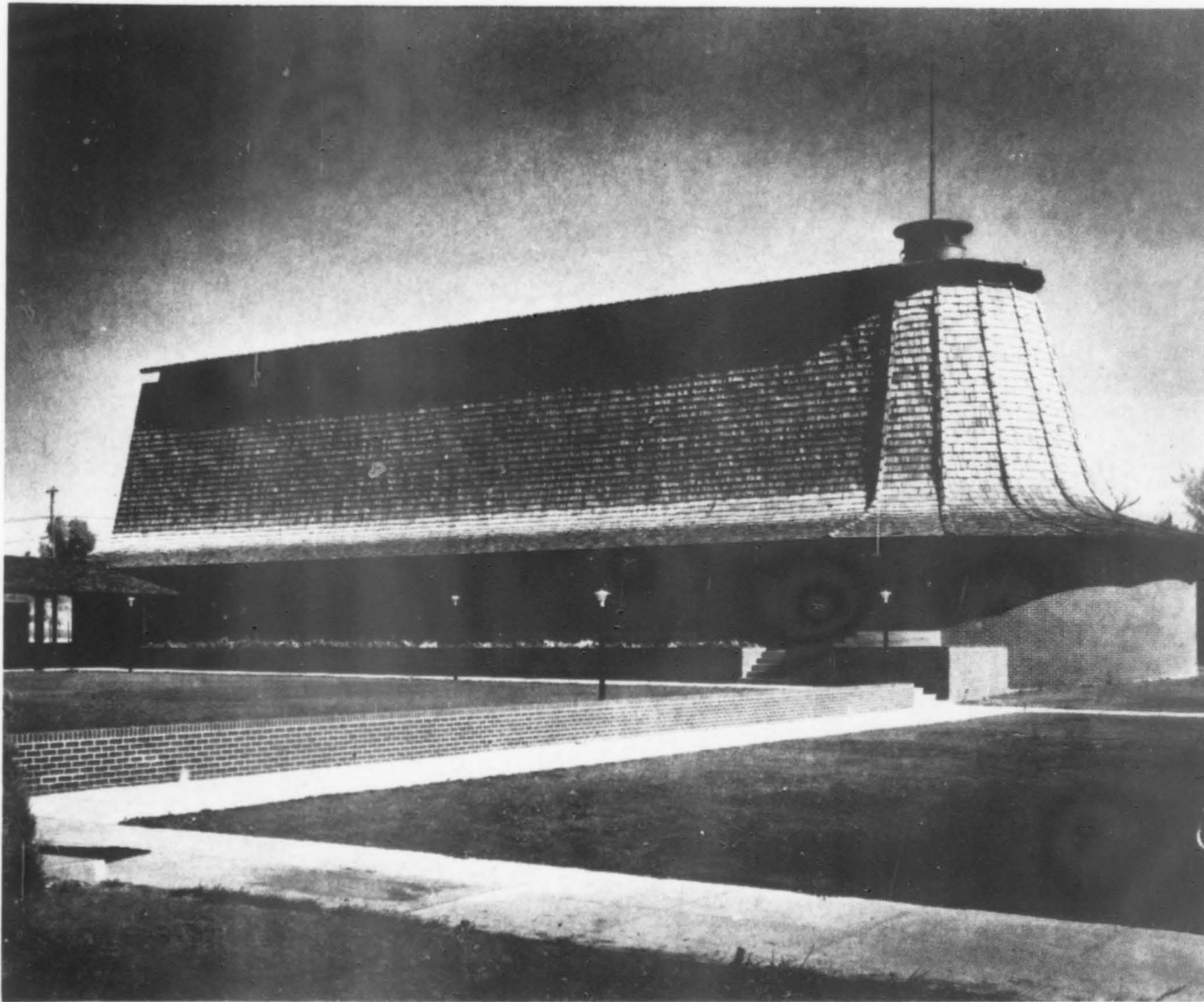
A NEIGHBORHOOD CHURCH IN DENVER

GRACE METHODIST CHURCH
Denver, Colorado

GINLEY-SOPER
Contractor

JAMES M. HUNTER & ASSOCIATES
Architects-Planners

JACK GILLUM
Structural Engineer



ADDING A NEW sanctuary and educational wing to an existing church building posed something of a problem since the completed complex was required to be in character and scale with the surrounding residential neighborhood.

Because the heavy massing of the building was to the street side (for reduction in traffic-born sound), the architects chose to use wood shingles over a wood deck on the roof. Exposed glu-lam beams were specified, joining gracefully with the exposed brick walls. The new sanctuary seats approximately 300. The educational wing and court have been oriented to the south to take advantage of maximum sun. Future plans call for a small chapel in a quiet area to the rear. The existing church has been converted to a fellowship hall.

Colors are residential in appearance: red brick, dark stained beams and deck. All partitions within the building are light weight concrete block, painted. Natural wood pews are complemented by deep blue carpeting. The altar rail is white marble slab on black marble supports; the communion rail, natural teak with black tubing. Hot water baseboard radiant heating, with isolated fan coil units, keeps the buildings comfortable.



Wayne Wright photos

The Grace Methodist Church was cited with a Merit Award in the Western Mountain Regional AIA 1964 competition.



Design/West



Restoration of U.S. Hotel Building for
U.S. NATIONAL BANK OF OREGON

JACKSONVILLE BRANCH



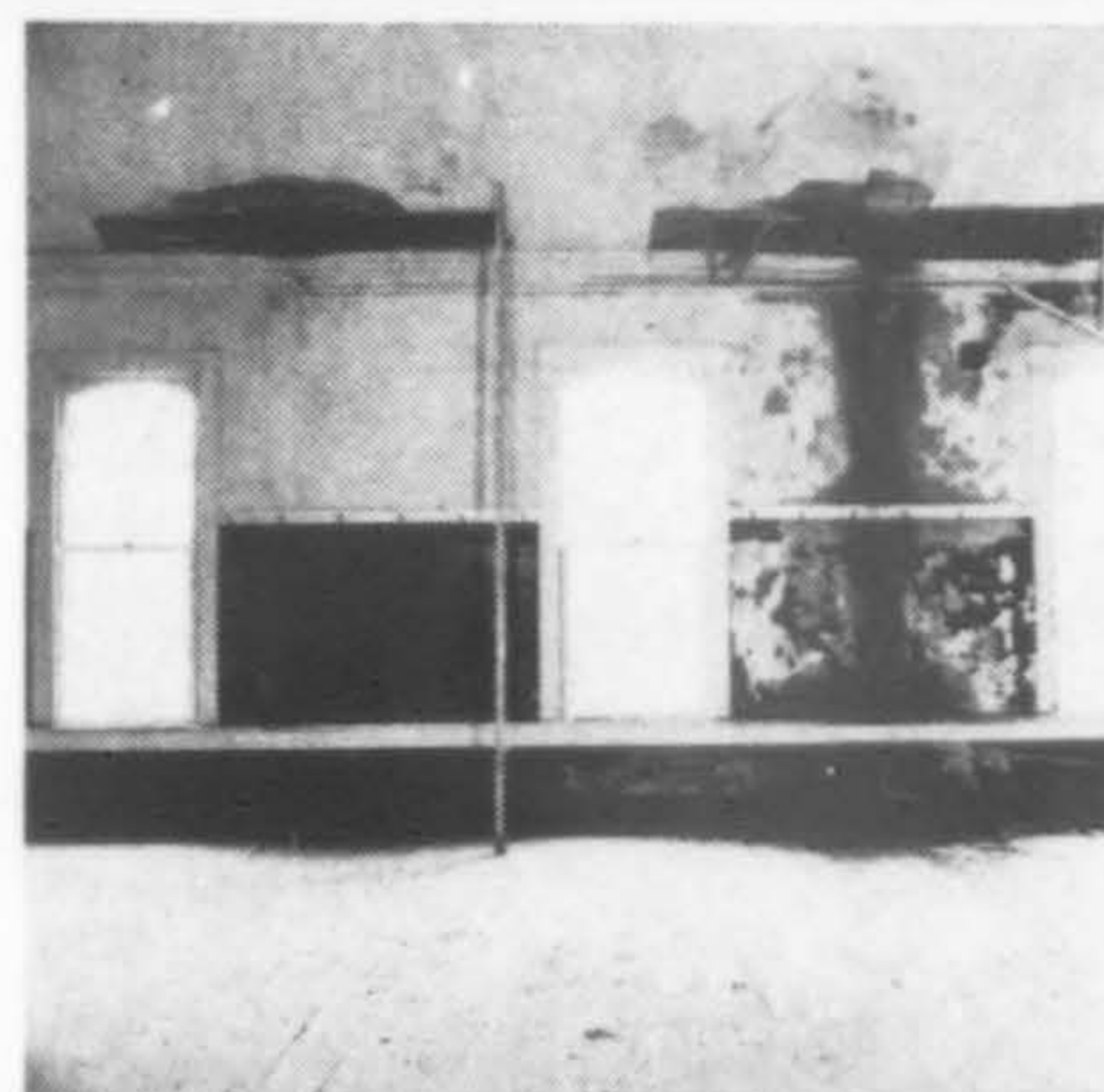
Graphics West photos



ARCHITECT | WALTER J. PAPPAS

GENERAL CONTRACTOR | BATZER CONSTRUCTION CO.

INTERIOR DESIGNER | LILA J. COLWELL, A.I.D.



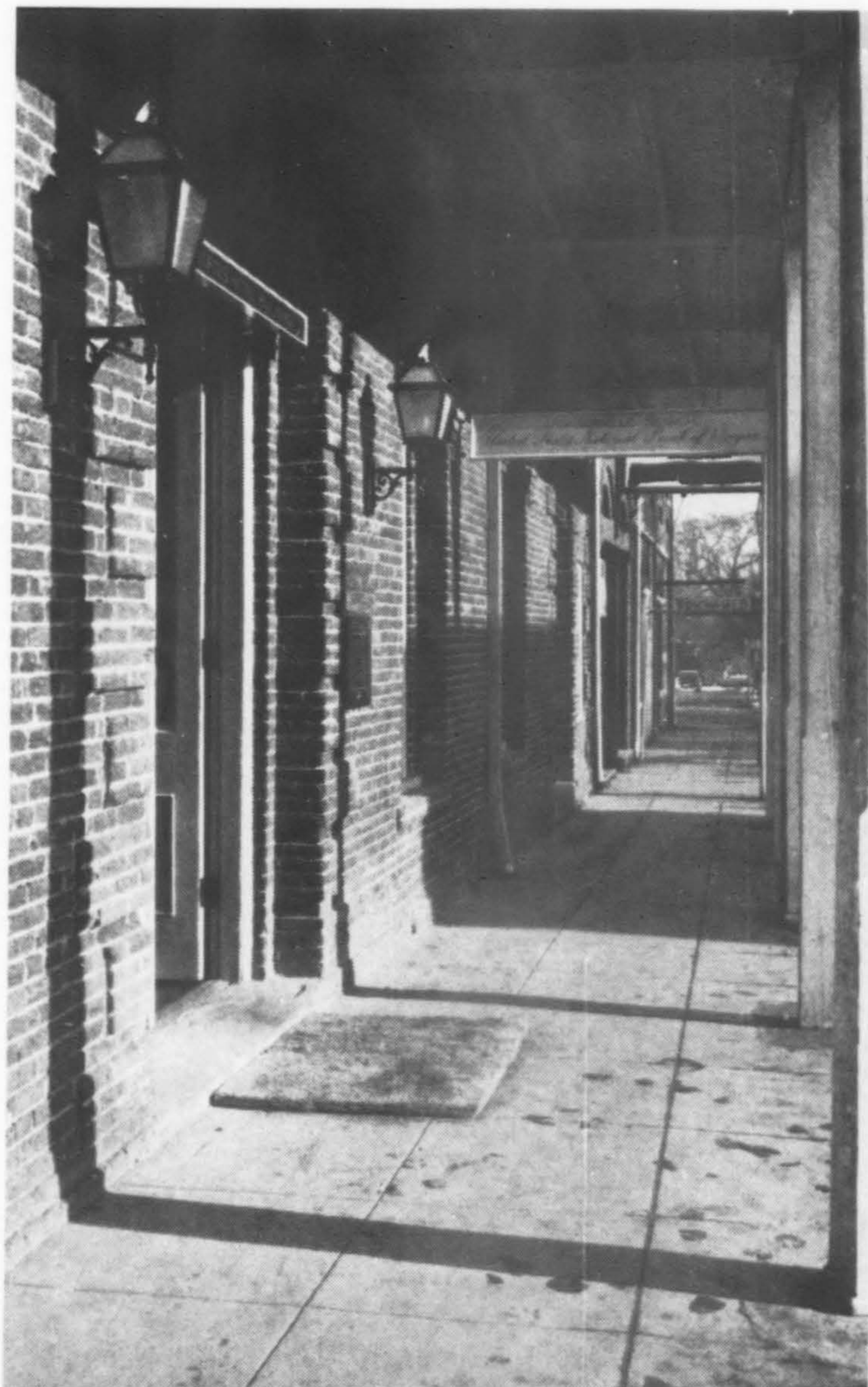
ONE OF THE foremost patrons of architecture (and architects) in the West has been the U. S. National Bank of Oregon. Good architects have been retained, often from the locales of the branch banks, resulting in structures reflecting the geography, climate and traditions across the state of Oregon.

The 97th branch of the U.S. Bank of Oregon opened in January, 1965, in Jacksonville, Oregon, in the partially restored old United States Hotel—an unusual setting even for so practiced a client. Jacksonville was a bustling, hustling town—the center of Southern Oregon's gold-mining activity—when the United States Hotel opened in 1880. The elegant hostelry housed President Rutherford B. Hayes for one night shortly after; now it is the home of Jacksonville's first bank in a half century.

The vigorous pioneer spirit of the community's past has been emphasized in the outfitting of the banking office in full 19th century regalia. Many of the fixtures and pieces of furniture are authentic; others are replicas, carefully adapted to the era. A large fireplace warms the lobby area, and among other items noticeable in the bank are the old Rotterdam gold scales and weights (1840), chandeliers copied exactly from the original sketches, four oak desks used by early pioneer firms after being transported around Cape Horn in 1890.

Simple but rich materials have been used throughout by the interior designers: burnished oak paneling, burlap wallcovering *specially designed to recall traditional coverings*, pleated window shades of *old-fashioned green material*, simple green-painted metal hanging lights above the teller' cages, real black horsehair upholstery as well as black leather.

It is hoped that this restoration will be but the first step for the once-thriving community. A federal grant for an urban renewal study was received in 1964 for preliminary studies for restoration of 44 buildings.



Urban Design: DOWNTOWN SALT LAKE CITY'S

FOR THEIR Second Century Plan, a base for revitalizing downtown Salt Lake City, the Utah Chapter, AIA, has received a citation for excellence in community architecture. This was the first such award made to Western architects in the current series of AIA community design honors.

Salt Lake City is one of the few initially planned cities in America, having been laid out by Brigham Young more than a century ago (each block has 10 acres—660 feet square—with 132-foot wide streets). As its second century started, the famed city was having heart trouble. Salt Lake City's downtown was tangled with today's prevalent urban problems. Here following is an abridged "Report of Implementation" made by the Utah Chapter, AIA, in summing up their progress, 1962-1965:

In the past four years, the downtown area of Salt Lake City has changed as much as it had in the previous thirty years. At the instigation of the Utah Chapter of The American Institute of Architects, a Downtown Planning Association was formed. It has become the patron and executioner of the "II Century Plan." Before the Utah architects had put their final touches on the "II Century Plan," they had contributed 6,800 professional hours—more than double the amount originally pledged.

Now the II Century Plan is being translated into reality. The creation of the plan did not claim a cent of federal, state, or city monies. It was an entirely private and voluntary effort—nourished by Utah architects and 200 dedicated Salt Lake downtowners.

The test of any plan is its application. The II Century Plan was unveiled at a mass public meeting in the fall of 1962. Here's what has happened since:

—County voters went to the polls and passed a \$17-million bond issue to pay for site and construction of the center. Location: on a two-block area just west of the downtown core.

—The plan recommended a tree-planting program for key streets in the downtown area. This spring, four blocks of downtown State Street were lined with young saplings—thanks to the II Century Plan.

—The plan suggested creation of landscaped and canopied pedestrian walks for a four-block length of Main Street. First phase of the sidewalk landscaping and widening program would be creation of pedestrian "launching pads" to shorten the distance walkers must negotiate to cross the 90-foot-wide downtown streets. The city has since created small asphalt curb bridges at intersection and mid-block crossings. These could well be the beginning of full-fledged Main Street development.

—The plan suggested private development of the interior of the downtown's large (10 acres) blocks. Nearing completion on one block is the Main Parking Mall, a project originated and financed by property owners along a full block length of Main Street.

—The Church of Jesus Christ of Latter-day Saints has completed construction of a six and a half-million dollar underground parking ramp just across the street from the famed Salt Lake Tabernacle. The church will later construct a 25-story administration building on top of the parking ramp.

These are the direct and tangible results of the plan. There are also intangible results:

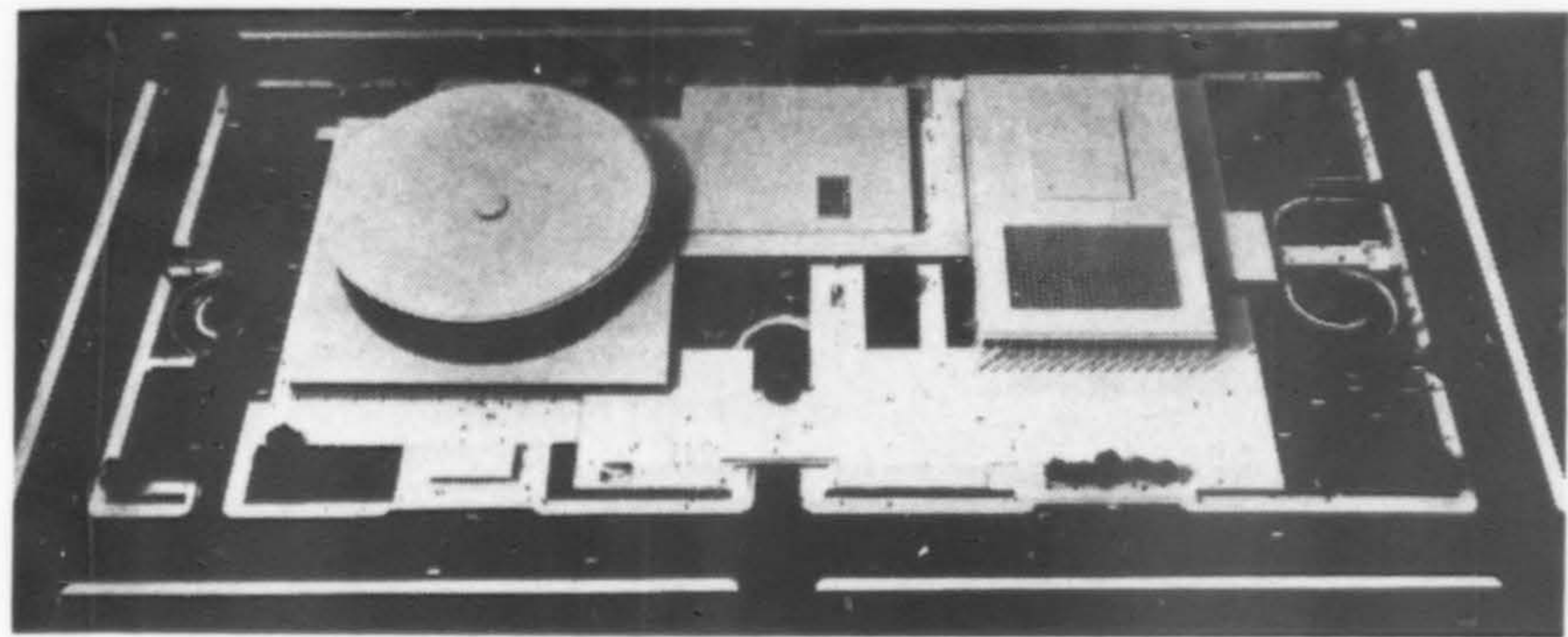
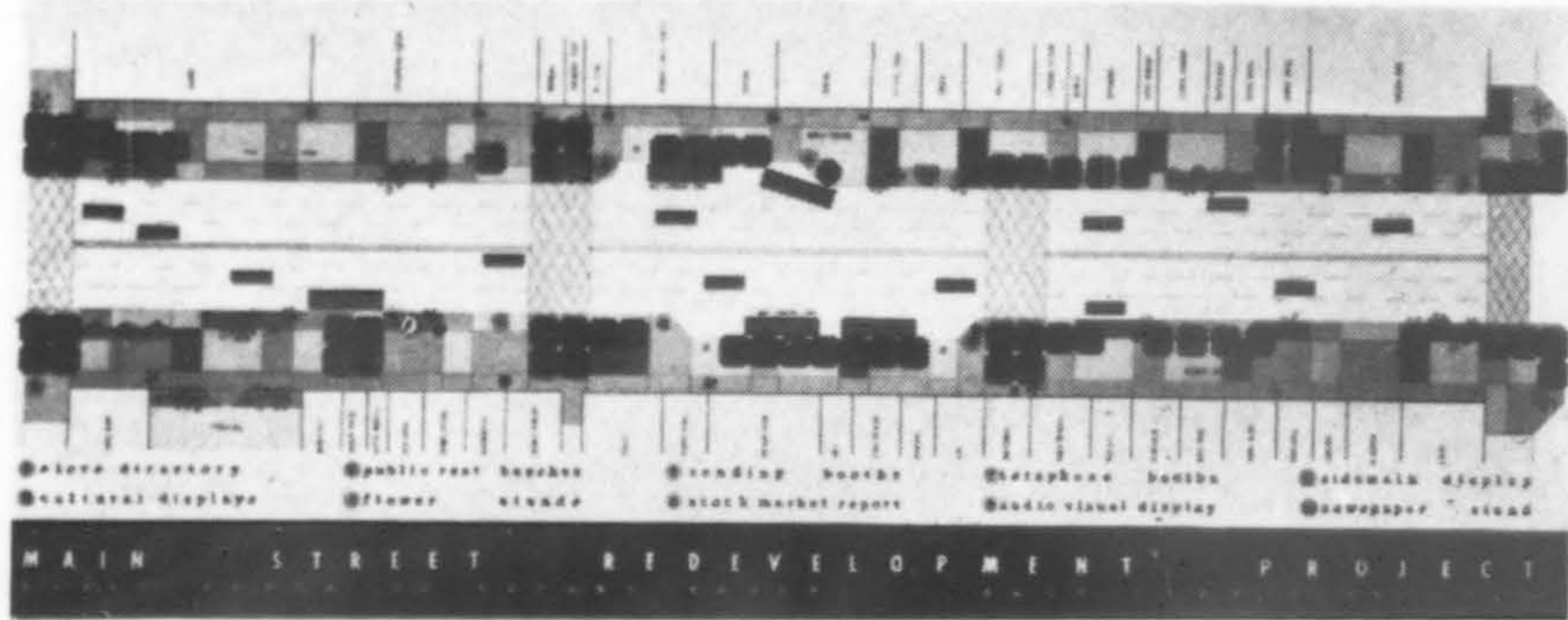
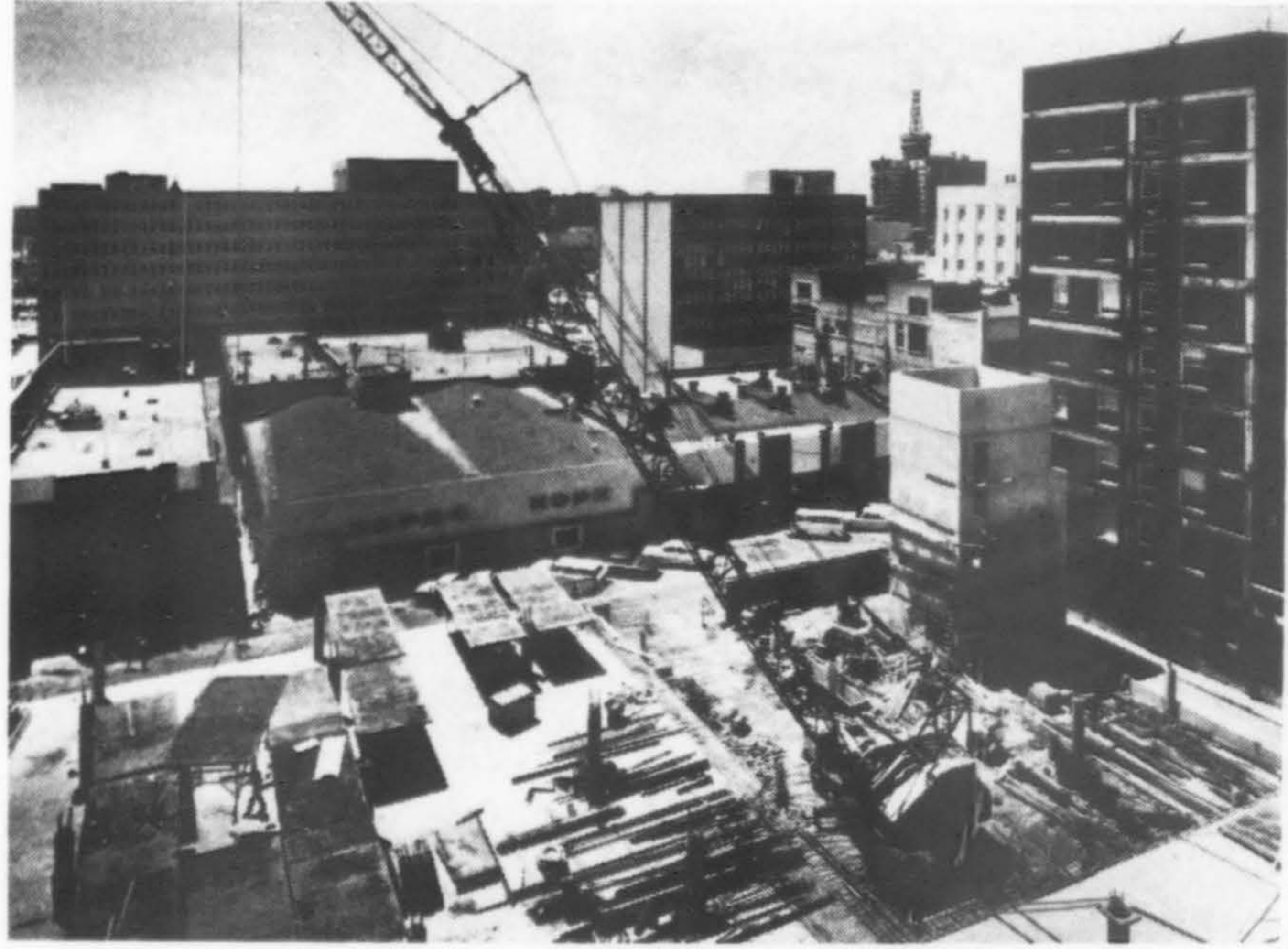
—The original dialogue of the Downtown Planning Association also considered need for some kind of public commitment to realize more ambitious planning projects. Result: The Utah legislature in 1965 passed a federal urban renewal enabling act. Although the act is bound by severe restraints, it is significant in that urban renewal had been voted down by three previous legislatures.

This has been the history of a plan that has been translated into action. The Utah AIA Chapter's technique to launch the II Century Plan could well be the textbook case for other chapters with ambition to do good works. First of all, the architects made their proposal to a broad base of the downtown business community, then engaged them as ideological and working partners. They documented the city's role as state capital, as population center of the area, the center for shopping, trade, distribution, finance and education, and as the spiritual and administrative center for a world-wide church.

When the research and planning was done, architects and downtowners had had communion of high order. Together they had discovered the historic city; they had gained new understanding of the present city and its problems. And with common understanding and devotion have come the steps that are giving the downtown an exciting and promising start into its Second Century.

Circulation within the Downtown is difficult, especially for the pedestrian. The strung out nature of the hard core and the extremely wide streets make it virtually impossible for people to get everywhere they want within the core without driving. The nature of the core itself is generally a lack of attractiveness for people along with the forementioned difficulty in getting around within it. The overpowering scale of the blocks and wide streets is nowhere relieved by pleasant little spaces of relaxation and retreat. The interiors of the high blocks are generally undeveloped and ugly. There are no nighttime activities to bring people back Downtown after the stores close. Downtown has lost its appeal for people.

FINAL REPORT, 1962





In precasting the 16 roof segments, the ground was sloped and shaped to give final position of the concrete form. Concrete was job-mixed using special plasterer's sand and the surface was then steel troweled for a dense, smooth finish.

Two cranes were used in placing the segments on the columns and center shoring. A tolerance of only 8-in. was allowed between segments. After units were placed, they were welded at the tension ring and at shear plates.



Methods and Materials

Concrete roof of pie-shaped segments

TOWN & COUNTRY BRANCH

First Federal Savings & Loan Association

Phoenix

E. L. VARNEY ASSOCIATES

Architects

CONCRETE'S FLEXIBILITY, attractive appearance, safety aspects, were all factors in the choice of a circular form for this addition to the Phoenix banking community. A segmented conical dome was selected. Each of the 16 roof segments are "pie-shaped", of variable thickness with a doubly-curved underside. An 8-ft. diameter cast-in-place concrete compression ring is in the center. Peripheral tension of the column line was carried by welding together #11 reinforcing bars projecting from abutting roof segments. The main columns, continuous from basement to the roof line, were cast with 5,000 psi concrete.

The 16 roof segments were precast. Special block-outs at the column connections and for recessed lighting fixtures were made of foamed plastic, molded on the job. These were left intact in the concrete and removed later. After the reinforcing bars and block-outs were in place, ready-mixed concrete was cast, screeded and cured. About 13 cu. yds. of concrete were used in each roof segment. A two-in. slump, 3,500 psi concrete, was specified in order to get rapid strength gain and to allow removal of the segment from the form after one day.

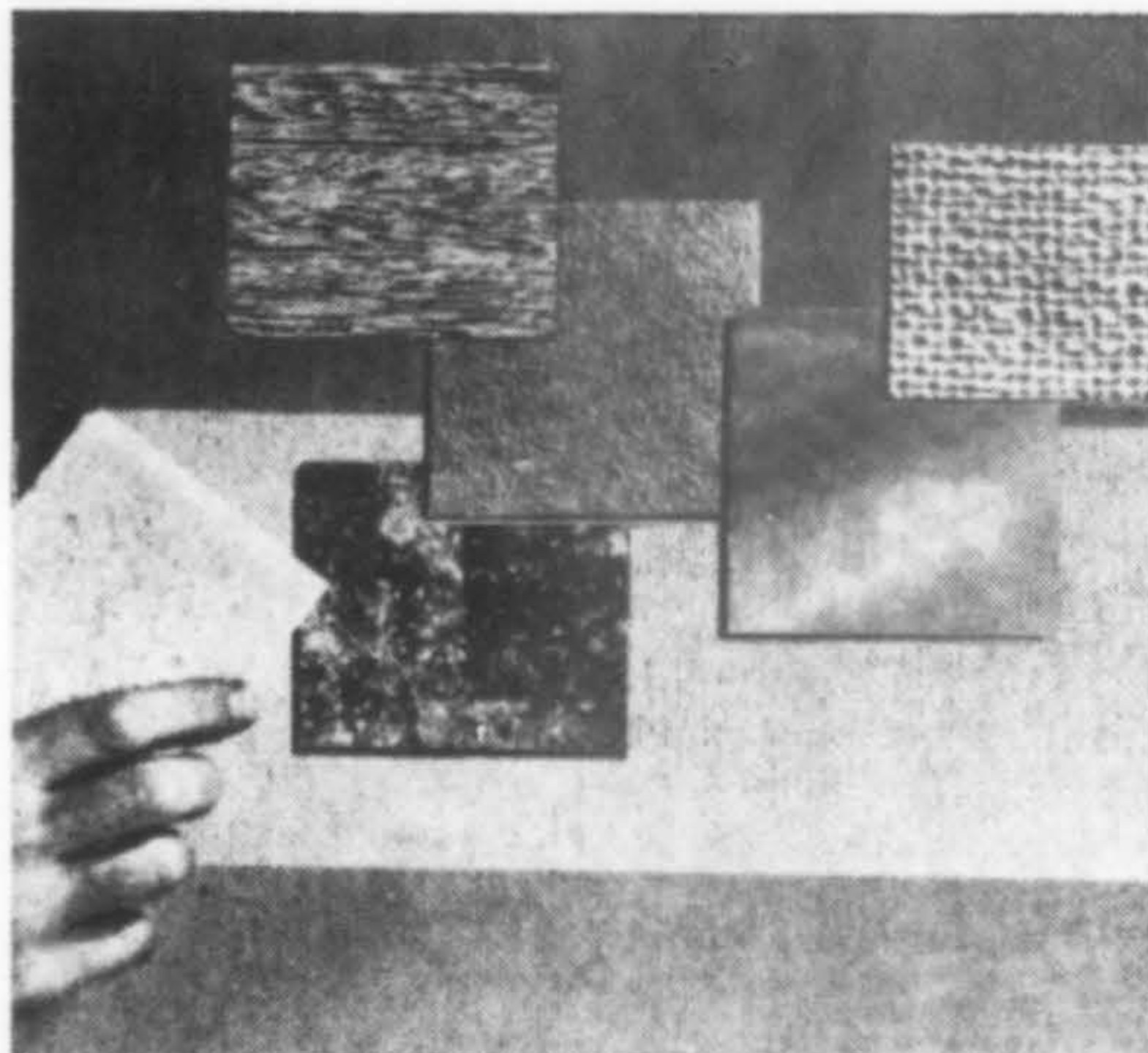
Columns are inversely tapered and measure 12-in. square at the bottom, 16-in. square at the top. They are placed with their diagonal axes on radial lines, both for appearance and to make more efficient moment connection with the roof section. Roof pitch is 2:12, giving a 6-ft. rise from column to center. An 8-ft. plexiglas dome covers the center compression ring. The completed roof is built-up roofing with white marble chips and a white reflective coating over rigid insulation. The underside of the roof is exposed concrete.

Kahnweiler-Simons Construction Company were general contractors. All ready-mixed concrete was supplied by the Union Rock and Materials Company.

PRODUCTS

patterned acrylic sheets

Flair, a new patterned Plexiglas acrylic plastic sheet, is supplied in 17 transparent colors and as a colorless material, with a hammered texture on both surfaces. Sheets are made in two sizes: 48 x 72-in., and 48 x 96-in., in thicknesses of .125, .187, .250-in. Flair Plexiglas can be heat-formed and fabricated to produce unusual effects in panels, displays, lighting, domes, interior designs and retail or industrial promotion.—Rohm & Haas Company, Independence Mall West, Philadelphia, Pa. **Coupon No. 30.**



washable vinyl wallcoverings

A new line of 20 textured vinyl wallcoverings as easy to clean as ceramic tile has been announced by L. E. Carpenter Company. Vicrtex V.E.F. (vinyl electronically fused) vinyl wall covering is now surfaced with Tedlar, a proprietary polyvinyl fluoride film manufactured by duPont providing a lasting protection against staining. Vicrtex-T patterns in 42 colors are said to be impervious to such stains as crayon, ballpoint pen, iodine, shoe polish, coffee, tar, lipstick. They can be wiped off without a trace. Cleansing agents will not affect the Tedlar surface, allowing the new wallcoverings to be used successfully in hospitals, schools, hotels and motels and other institutional buildings.—L. E. Carpenter Co. (A/W), Empire State Bldg., New York 10001. **Coupon No. 31.**

counterflashing reglet leakproof

A new counterflashing reglet known as Cushion-Lock Type B-4 for use in concrete construction has a completely closed design preventing concrete from entering during pouring. Before counterflashing is installed, the protective strip comes off, exposing a clean recess to receive the counterflashing, eliminating caulking since the patented snap-in, lock-in feature provides a 100% leakproof joint. Counterflashing can be installed under all weather conditions.—Superior Concrete Accessories, Inc. (A/W), 9301 King St., Franklin Park, Illinois. **Coupon No. 32.**

gym lights

Hydroformed, aluminum Alzak finished fixtures for a wide variety of applications in gymnasiums, arenas and similar areas, make up a new line called Gym Lights, just announced by Guth. The line includes fixtures for surface, low and high bay mounting, and for incandescent or integral ballasted Mercury Vapor light sources. Gym Lights are equipped with heavy duty galvanized steel wire guards or heavy gauge steel concentric 40° shielding louvers. Reflectors are formed by the Hydroform process to insure uniform metal thickness, absence of spin and draw marks and true reflector shape. The Alzak finish permits optimum reflectivity and permanence with easy maintenance. Units have heavy duty porcelain lamp holders, lamp retaining springs in mogul base sockets.—The Edwin F. Guth Company (A/W), 2615 Washington Ave., St. Louis, Missouri 63103. **Coupon No. 33.**

matched satin finish hardware

Exceptionally close matchability and unusual corrosion resistance is claimed for a line of "satin" finish hardware manufactured by Hager Hinge. The "satin" or "brushed" finish is obtained from a special Satylite nickel plating process developed by the Udy-lite Corporation. When combined with chromium, the finish is said to afford remarkable protection under exposure. Almost any desired finish, such as a match for brushed stainless steel, is obtainable with the process. A fully protective finish, over the nickel, chrome and usually a laquer dip is used to complete the multi-layer finish.—The Udy-lite Corp., (A/W), Detroit, Michigan 48234. **Coupon No. 34.**

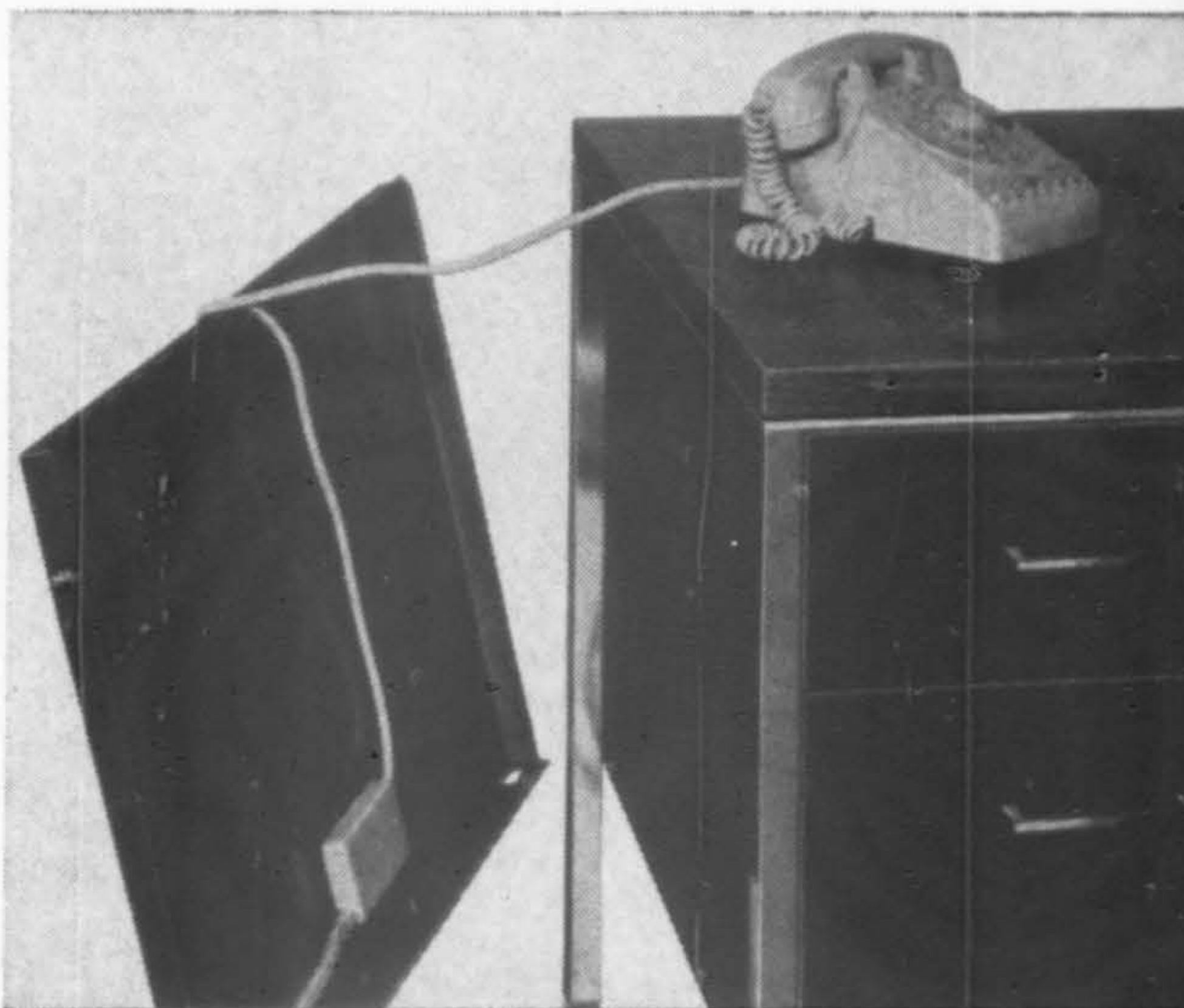
reversible fans

A new line of reversible panel fans are available in both direct drive and belted models, suited for installation wherever conditions call for exhausting during some periods, supplying air during others. An "S" design propeller and double spun orifice are used to provide equally efficient air flow in either direction, controlled by a remote switch placed at any convenient location. The fan is all welded steel construction with tubular steel struts supporting the heavy-duty motor base. Panels and accessories are finished in a synthetic enamel for rust and corrosion resistance. An air-over ball bearing motor drives fan. Both models are available in a size range from 24 to 48-in., capacities from 4,880 to 40,500 CFM in either intake or exhaust operation. Fans were developed especially for air circulation control in gymnasiums, arenas, other industrial and commercial applications.—Aerovent Fan Co., Inc. (A/W), Piqua, Ohio. **Coupon No. 35.**



circular shower

A circular shower room, the Swan Circle Shower, is constructed of molded reinforced fiberglass, is lightweight, does not crack or rust, colors are true, no corners to collect grime and dirt, no regrouting, according to the manufacturer. The shower, 36-in. diameter, fits into same space as 32-in. square tile shower since it will go between studs. A feature is the sliding panel door which rides a ledge inside the shower, allowing no water to drip on floors. Five designer colors are available: blue-gray, yellow, green, pink and white.—The Swan Corp. (A/W), 721 Olive St., St. Louis, Missouri 63101. **Coupon No. 36.**



telephone junction in desks

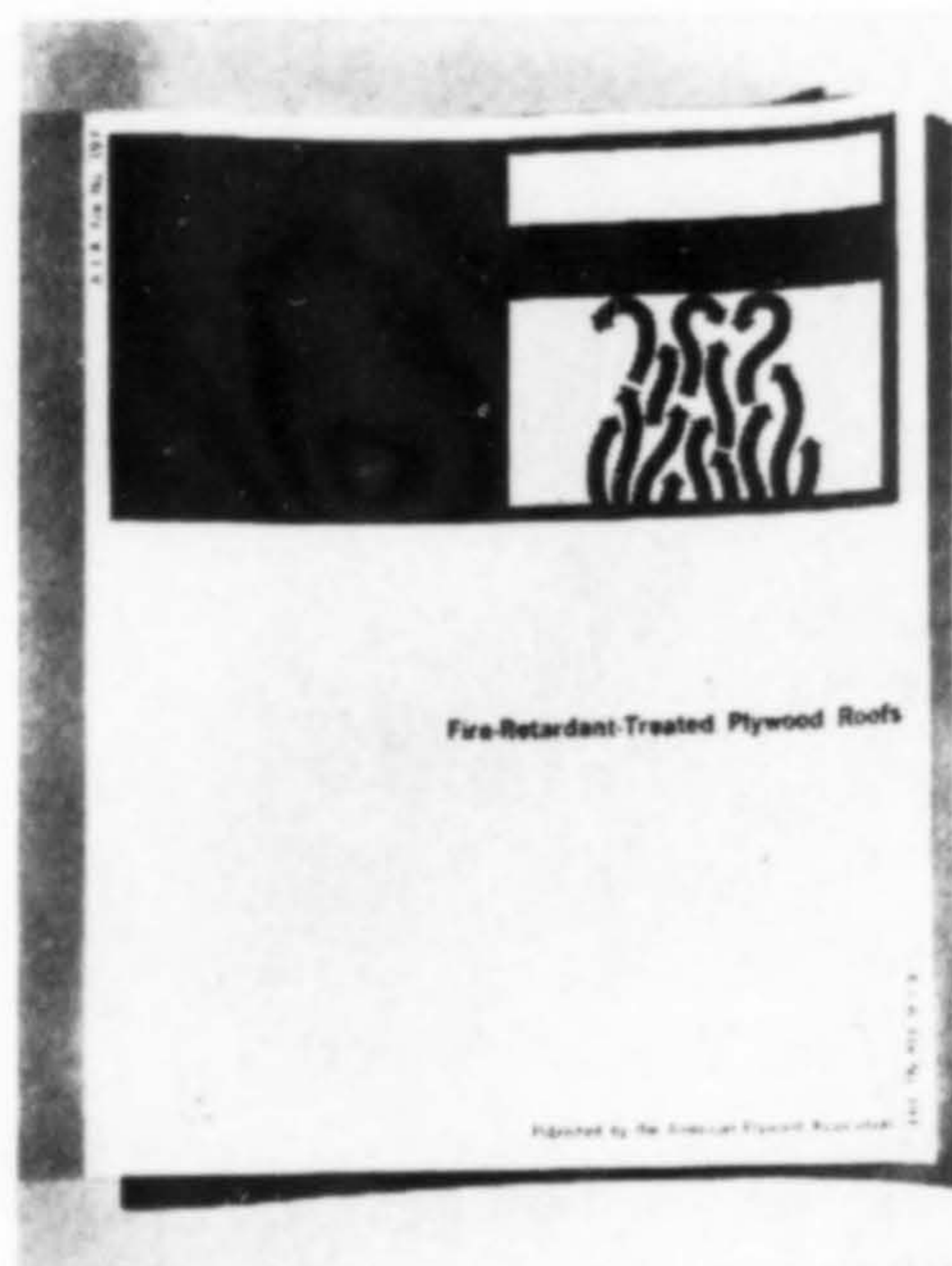
A telephone cord opening is standard in the left panel of the Steelcase 4200 Series of flush line designed desks. The panel is interchangeable with the right end panel. If necessary, the opening can be furnished in the back panel. Wiring is concealed, the mounting panel pre-drilled to accommodate three standard types of connecting blocks. The 4200 Series offers, in addition to the telephone panels, an automatic reference shelf in each desk, with a Plexiglas hinged cover, that rolls out to full depth. All desk drawers in this series are interchangeable.—Steelcase, Inc. (A/W), 14722 Firestone, La Mirada, Calif. **Coupon No. 37.**

LITERATURE

Franciscan Contours CV (AIA 23-A): illustrates the handcrafted look of Franciscan's new line of Contours CV with photos showing the rich colors and earthy textures developed to portray the full expression of burned clay as an artistic medium for residential or commercial construction. Units are 12-in. modules created for exterior or interior use. Highlighted are some of the custom creations Interpace has developed working with architects. 4-color, 66-pp. — Building Products, INTERPACE, 2901 Los Feliz Blvd., Los Angeles 90039.

Garden Apartment Elevators: describes a standard elevator with unusual interior design flexibility developed to serve a maximum of five landings. Various designs are shown together with details on capacity, speed, decor, construction, engineering standards, maintenance and service. Full color.—Dover Corporation, Elevator Division, P. O. Box 2177, Memphis, Tenn. 38102.

Building with Textured Metals: displays Rigid-tex patterns now available showing latest textures, architectural applications with a section devoted to the proper method of specifying and applying Rigid-tex to curtainwall construction. Actual simulated three-dimensional designs are embossed on the cover. 4-pp. — Rigidized Metals Corp., 772 Ohio St., Buffalo, N.Y.



Fire-Retardant-Treated Plywood Roofs (AIA-19-F): explains how plywood can be used for economy while still receiving low insurance rates. Complete detailed drawings show the variety of support systems that can be used with fire-treated plywood, covering wood joists, long-span steel joists and trusses and a plywood stressed skin-system. A map showing rates allowed in all states is included. —American Plywood Association, Tacoma, Wash. 98401.

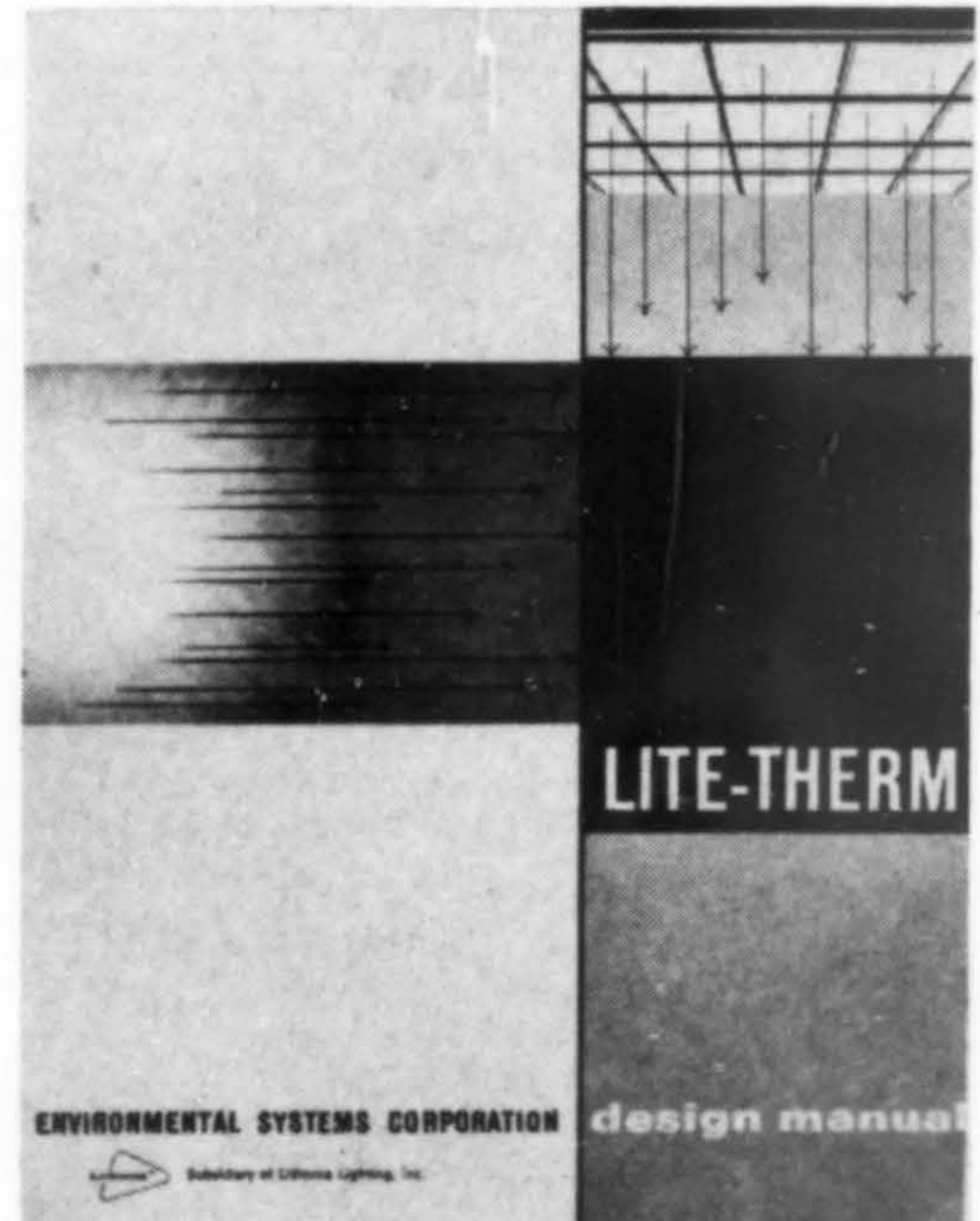
Architectural Sealants (AIA -17 - J; 24-A): covers architectural sealants in the Presstite line with those sealants best suited for particular jobs arranged for quick identification in the selector chart at the front of the catalog. Capsule descriptions, uses and limitations of 24 products are covered, and the specific products to be used between different structural materials are indicated within each application group. Photographs show application methods on some projects and architectural details illustrate placement of products in recommended uses. 12-pp. — Pressitite Div., Interchemical Corp., 39th & Choteau, St. Louis, Missouri 63110.

Fire Hazards of Windowless Buildings: discusses ways in which lack of windows can increase loss of life and property damage using fire case histories as examples. Also explained are necessity of windows as fire exits in buildings having open stairways and the added damages when firemen must make new exits. Book is by Ernest E. Juillerat, fire record department manager of the National Fire Protection Association. — Libbey-Owens-Ford Glass Co., 811 Madison Ave., Toledo, Ohio 43624.

Steel Library Shelving: illustrates 17 basic color concepts for library shelving to satisfy a wide variety of floor plan requirements. Amestack, Unicast, Conventional, Wall-Hung Shelving, plus a line of complementary library equipment and accessories are shown in the generously illustrated brochure. 4-color.—W. R. Ames, Library Shelving Div., 1001 Dempsey Road, Milpitas, Calif. 95035.

Watco Danish Oil, Natural Wood Finish (AIA 25-A, B): explains preparation and application instructions for Danish Oil Finish, said to seal, prime and finish wood in one application. Brochure covers a general description of the finish, wear-resistant qualities, uses and step-by-step instructions from sanding to finish waxing. Technical data includes coverage, viscosity, specific gravity and other finish, wood filling and stain additives compatible with the product. 4-pp.—Watco-Dennis Corp., 1756 22nd St., Santa Monica, Calif.

Sound Control Products and Systems (AIA-39): contains recommendations, specifications, fire-ratings, guarantees on dimensional acoustical tiles, ceiling boards and ceiling panels. Contains materials available, line drawings for erection methods, list of where to buy. 44-pp.—Owens-Corning Fiberglas, Pacific Coast Div., Santa Clara, Calif.



Lite-Therm Design Manual: presents system and product design data and procedures for evaluation, application and installation of Lite-Therm components and systems, utilizing non-refrigerated water for heat transfer, eliminating need for refrigeration of lighting and solar loads during summer operation and transferring heat from lighting to heat the building during winter. Manual graphically compares this system with conventional methods. Easy-to-use schematic engineering drawings illustrate detailed explanations such as direct and indirect transfer system, equipment room layout, installation, floor piping distribution, air distribution. Full color, 24-pp. — Environmental Systems Corporation, Lithonia Lighting, Inc., Conyers, Georgia.

Radiant Mirrors: described and illustrated are the company's lines of venetian, framed, door and antique mirrors. Specifications and installations are illustrated, with a brief outline of the production process. Full color.—Radiant Mirrors, Div. Texas Aluminum Co., Inc., 5610 Union Pacific Ave., Los Angeles 90022.

Partitions in Reinforced Concrete Structures: detailed drawings show control joint application in a range of partition systems including Holostud, screw stud and nailable steel stud framing with both plaster and dry-wall. All systems covered have been mocked up with control joints and lab-tested. 16-pp.—National Gypsum Co., 325 Delaware, Buffalo, New York.

A Floor Maintenance Guide for Pedestal and Computer Floor Areas: specifically designed to help building management develop better maintenance systems for the care of resilient floors in computer rooms, folder lists recommended practices for both old and new floors, can be unfolded and tacked up for easy reference.—Armstrong Cork Co., Lancaster, Pa. 17604.

MANUFACTURERS/SUPPLIERS

• **Trus-Joist Corp.:** The Boise-based firm announces the start of construction of a new Southern California factory at Cucamonga to handle the company's wood and steel building joists. A sixth plant was recently completed at Hillsboro, Oregon. Two others will be built in the spring, one in Georgia, the other in Canada.

• **National Gypsum Co.:** The 74th new plant in the National Gypsum nation wide complex, is being completed at 1850 West 8th St., Long Beach, Calif. It will house the Western regional, Los Angeles district and Long Beach district offices. This is the second of three plants scheduled for the West Coast, the first being located at Richmond, California. The third, for which property has already been purchased, will be built at Tacoma, Wash. C. Gustavus is Western regional sales manager.

• **Corry Jamestown Corp.:** The Pennsylvania firm, manufacturer of office furniture, has put a "lifetime guarantee" on all of its lines, a first in the industry. C. A. Hillstrom, senior vice president of manufacturing, said that each product will carry a label reading "Office Furniture so Good it's guaranteed for life", and that the guarantee covers all of the firm's 1,200 types, models and sizes of furniture and related accessories.

• **Pittsburgh Plate Glass Co.:** Construction was to have started in August on a large glass tempering plant at Fresno, California. The unit is scheduled for completion in March 1966. "Herculite K" tempered glass, a high strength safety glass, will be produced in larger sizes than heretofore in the new facility.

• **Essex Chemical Corp.:** William E. Leuchten, marketing and development manager for the Clifton, New Jersey firm announces the appointment of Gene LeFave and Robert Gamero to the BFC division at the new West Coast plant at La Mirada, California. The division manufactures a full range of coatings, sealants, topping materials and adhesives.

• **Nova Industries, Inc.:** The San Leandro firm has purchased the manufacturing and design rights to the Gross Wood Company, San Francisco, line of lighting fixtures. The Wood contemporary fixtures for residential and commercial installations will enable Nova to offer a more complete package to the lighting field, according to D. Paul Bailey, Nova president. Manufacturing and administrative functions of the Gross Wood line are being conducted at the Nova plant, 699 Castro St., San Leandro.

• **Rosboro Lumber Co.:** Paul Cole, general manager of the Springfield, Oregon firm, announces the appointment of Clyde Hughes as manager of Rosboro's laminating department.



• **United States Gypsum Co.:** Charles E. Thomas has been named works manager for the company's Santa Fe Springs, Calif., plant. He was formerly a Western region area product manager for the Chicago-based manufacturer.

• **Fire Prevention Systems, Inc.:** The new firm specializing in the design and installation of automatic sprinkler systems and fire protective components in the Northwest and Alaska has just been formed. Principals are Bruce R. Evans, president; Charles Fullerton, vice president; Scott McEachern, secretary-treasurer. Offices are at 205 North 36th, Seattle. They offer the complete line of Fyr-Fyter equipment.

• **American Plywood Association:** Bruce E. Lyons has been promoted to manager of the applied research department, taking the position vacated by the promotion of Daniel H. Brown to assistant director, technical services division for building codes and standards.

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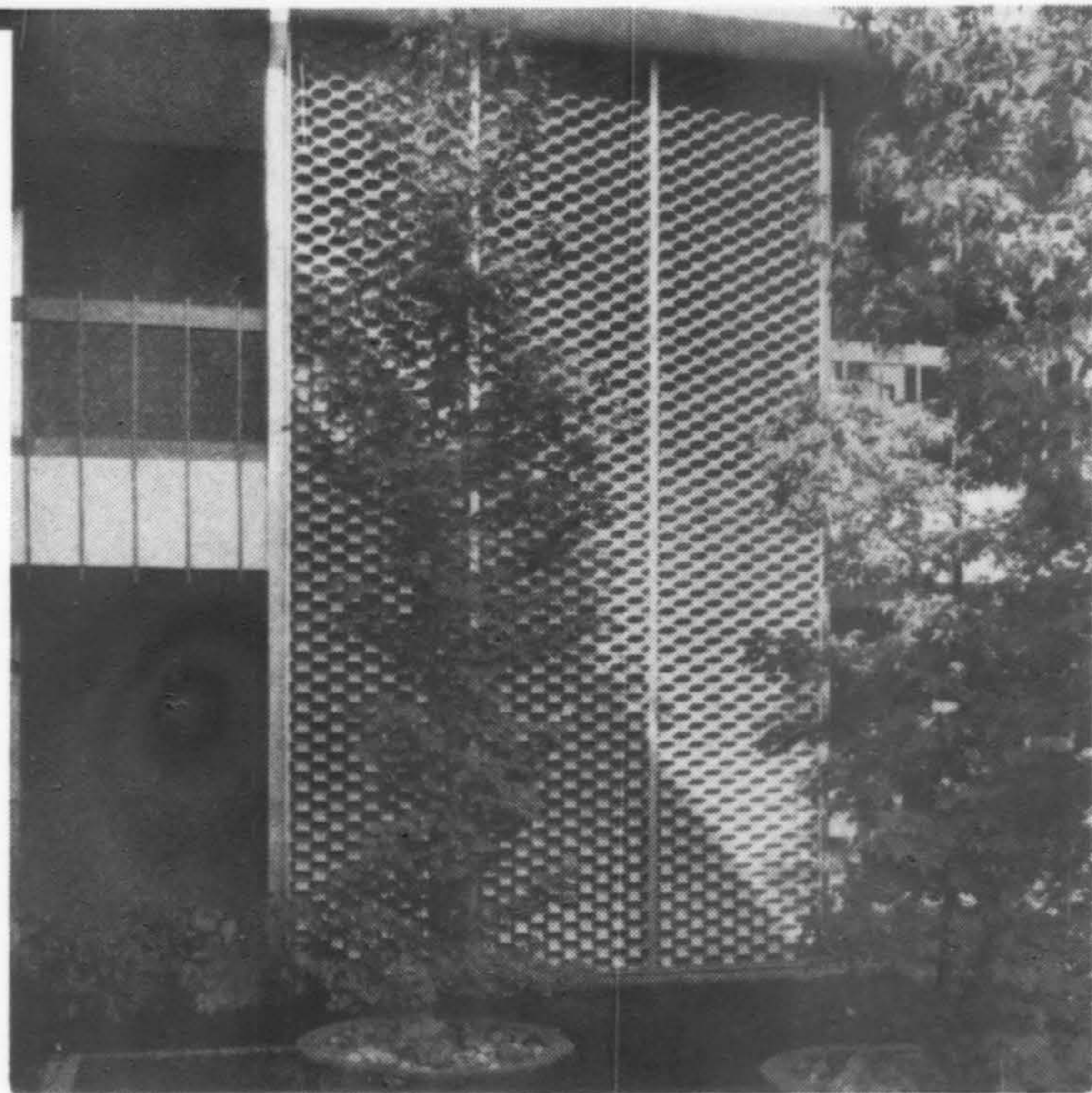
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Coupon No. 15

Architecture / West

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Mountain Home, Idaho, Nursing home addition—Nat J. Adams & Associates.....	Feb.	8		
Northridge, Calif., Residence Hall, San Fernando Valley State College—Allison & Rible.....	Dec.	7		
Oakland, Calif., Alameda County Public Works building—John Hans Ostwald.....	Jan.	6		
Oakland, Calif., St. Anthony's Catholic Church—Reid & Tarics.....	Dec.	6		
Olympia, Wash., Municipal Center—Robert H. Wohleb & Associates.....	Aug.	15		
Pasadena, Calif., Technology Building, Pasadena City College—Allison & Rible.....	June	8		
Pasadena, Calif., Dining Hall, Ambassador College—Daniel, Mann, Johnson & Mendenhall.....	Oct.	9		
Phoenix, Arizona, O'Malley Building — Weaver & Drover.....	March	9		
Phoenix, Arizona, Administration Building, IBEW—Daniel Brodsky & Associates.....	Sept.	7		
Pocatello, Idaho, Sanctuary, First Methodist Church—Ballif & Associates.....	Aug.	8		
Portland, Ore., Oregon Historical Society Building—Wolf/Zimmer/Associates; Pietro Belluschi.....	May	6		
Portland, Ore., Southwest High School—Bear, McNeil, Schneider, Bloodworth & Hawes.....	Aug.	8		
Portland, Ore., Cedar Hills Community Church—Warren Weber.....	Sept.	8		
Portland, Ore., Bess Kaiser Hospital Addition—Wolff/Zimmer/Associates.....	Nov.	8		
Richland, Wash., Battelle-Northwest laboratory — Naramore, Bain, Brady & Johanson.....	Aug.	8		
Salem, Ore., First Federal Savings & Loan Association branch—Wilmsen, Endicott & Unthank.....	March	8		
Salt Lake City, Utah, Civic Auditorium complex—Bonneville Architects.....	April	6		
San Diego, Calif., First National Bank building—Tucker, Sadler & Bennett.....	Feb.	8		
San Diego, Calif., St. Paul's apartment tower—Frank L. Hope & Associates.....	Nov.	9		
San Francisco, Calif., Bank of America world headquarters—Wurster, Bernardi & Emmons; Pietro Belluschi.....	Sept.	11		
San Francisco, Calif., Dragon Gateway—Chan & Rader.....	April	7		
San Francisco, Calif., Alcoa Building — Skidmore, Owings & Merrill.....	May	6		
San Francisco, Calif., Headquarters building, Bank of California—Anshen & Allen.....	Aug.	8		
Santa Cruz, Calif., Stagnaro restaurant — Robert Stevens Associates.....	Aug.	9		
Santa Monica, Calif., Office Building—Smith, Powell & Morgridge.....	May	6		
Santa Monica, Calif., Convalescent hospital—Kite & Overpeck Associates.....	Nov.	9		
Scottsdale, Ariz., Saguro High School—Pierson, Miller, Ware & Associates.....	May	7		
Scottsdale, Ariz., Salem Evangelical Lutheran Church —McConnell & Peterson.....	Nov.	8		
Seattle, Wash., Theodora Home for the Aged—Grant, Copeland & Chervenak.....	Jan.	6		
Snohomish, Wash., First Presbyterian Church—Grant, Copeland & Chervenak.....	April	7		
Spokane, Wash., Federal Building—Culler, Gale, Martell, Ericsen, Norrie & Davis; McClure & Adkison; Walker & McGough.....	Sept.	6		
Sun Valley, Idaho, Lodge apartments—D. J. Flood.....	Nov.	8		
Tacoma, Wash., Medical-Dental building—Harris & Reed.....	June	9		
Taft, Ore., Salishan Lodge—John Storrs.....	April	6		
Thornton, Colo., North Valley medical-dental center—Brelsford, Childress & Paulin.....	March	8		
Tucson, Ariz., City-county governmental complex, second phase—Friedman & Jobusch.....	Dec.	7		

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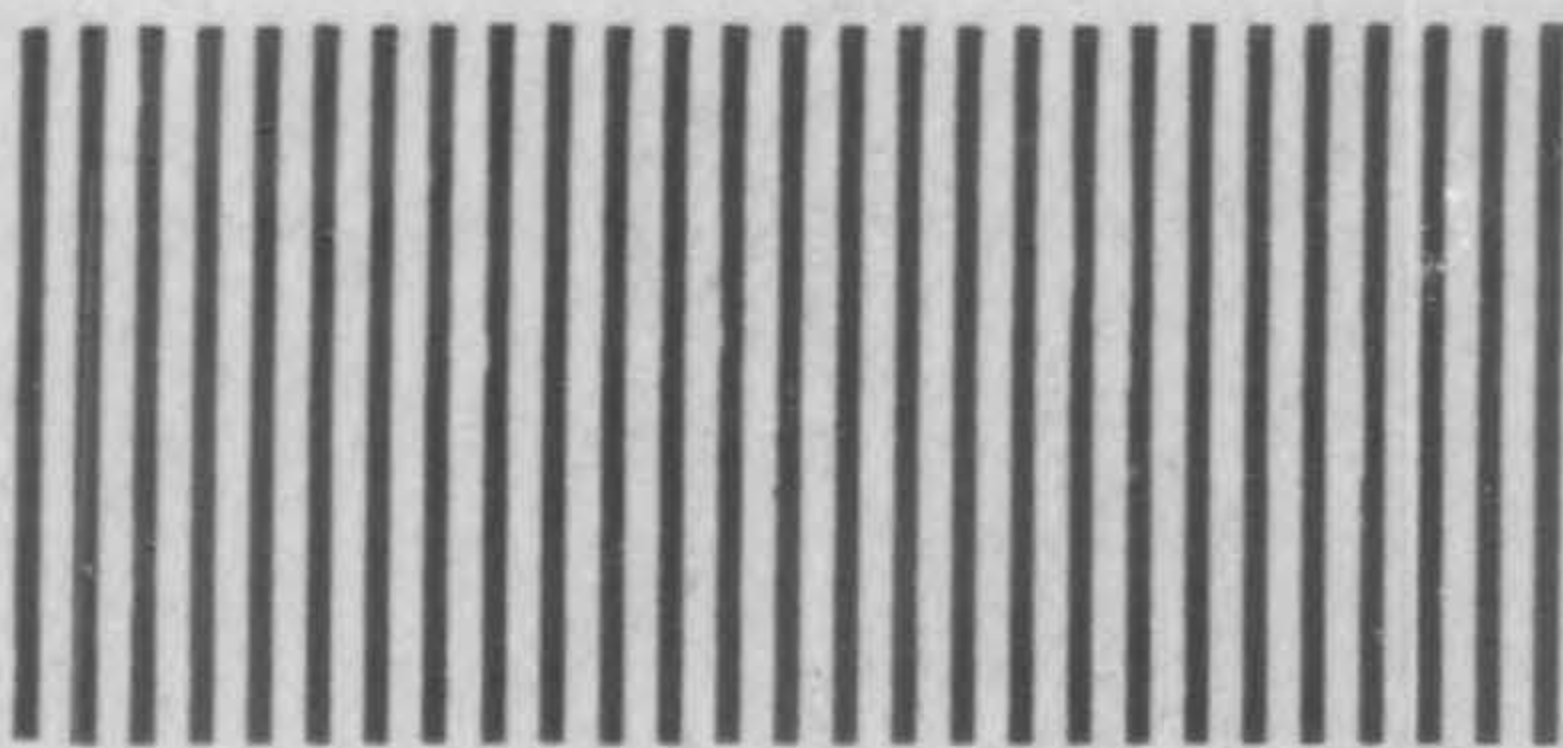
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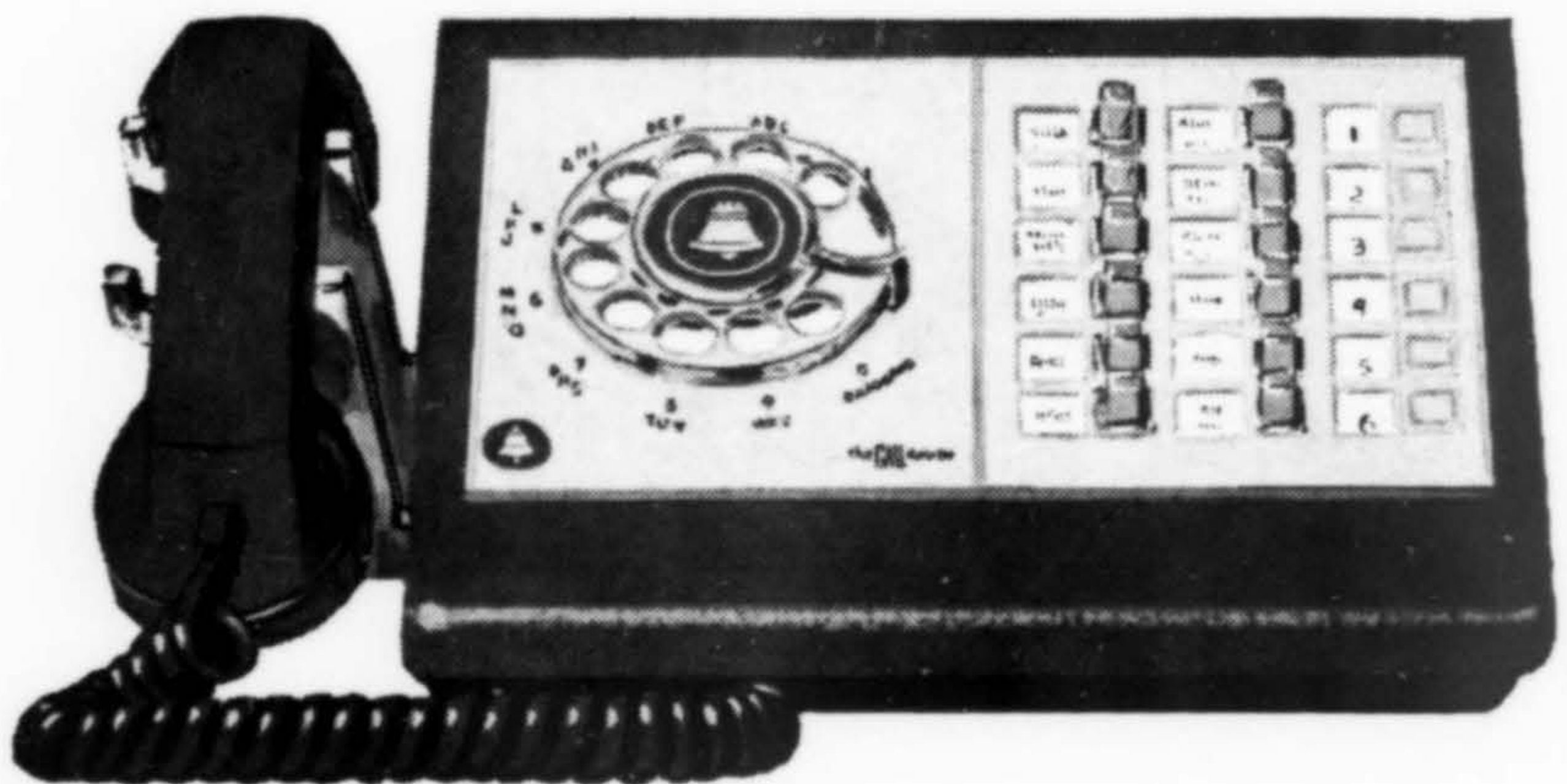
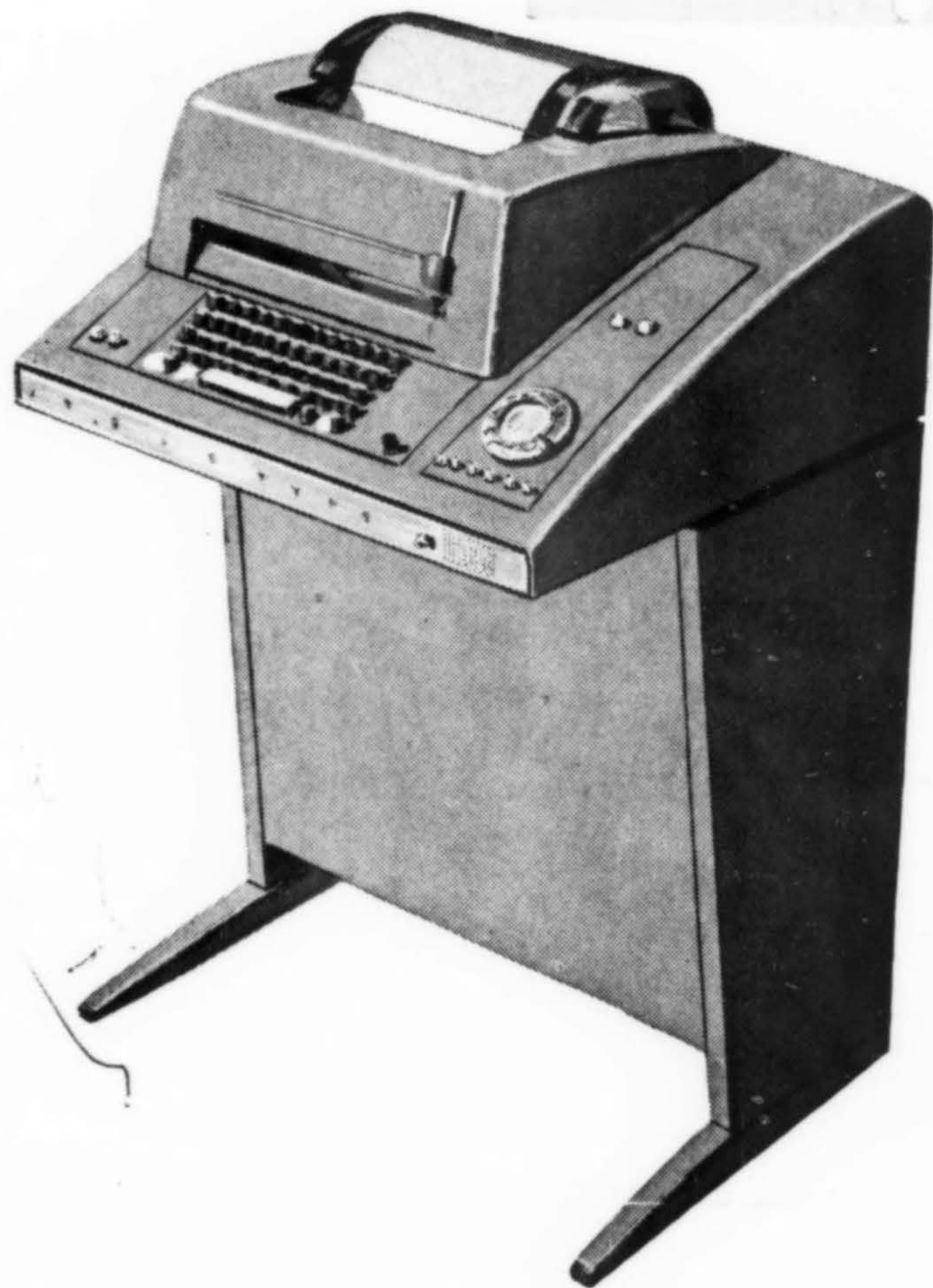
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