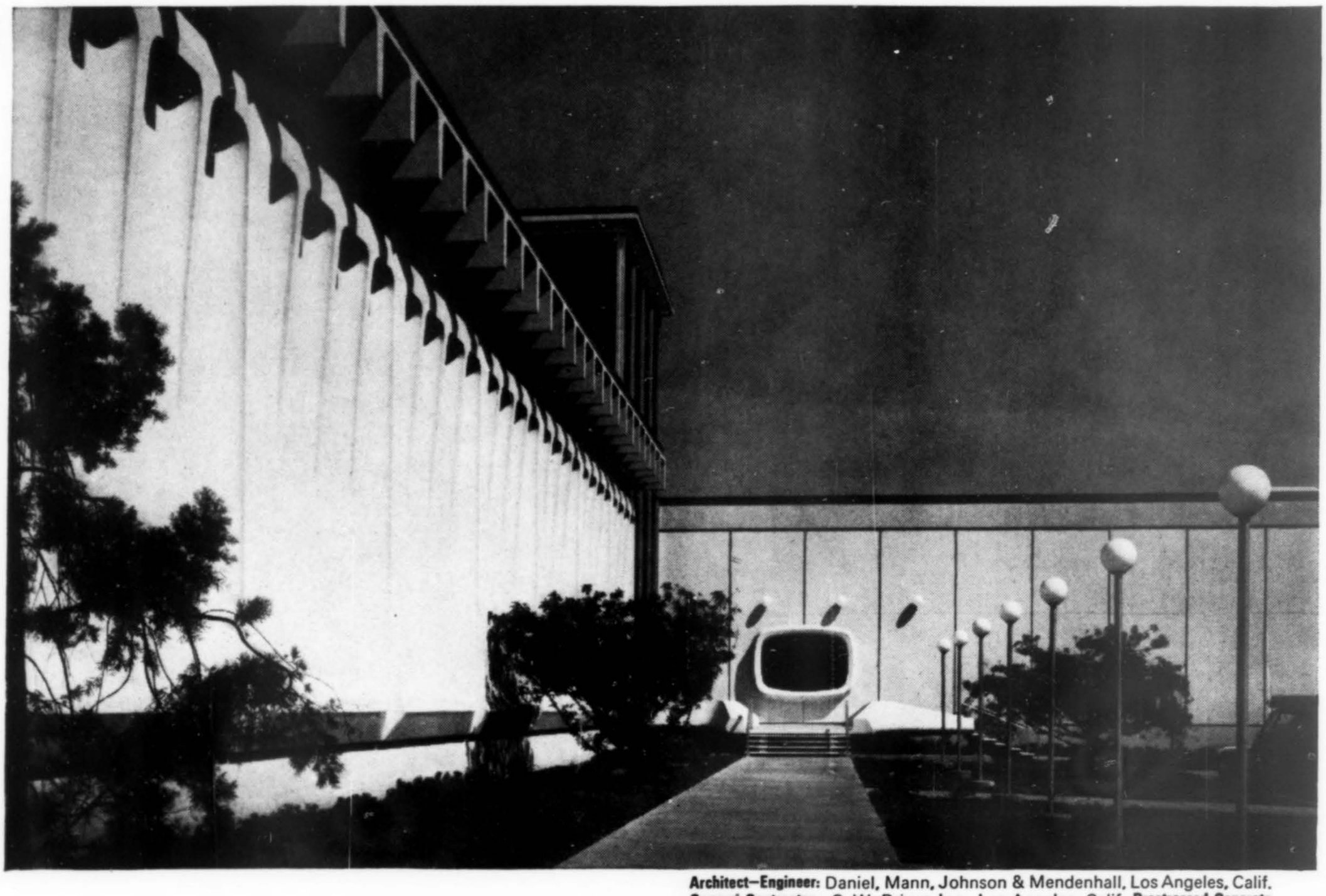
Architecture/West

THE ONLY MAGAZINE DEVOTED EXCLUSIVELY TO WESTERN ARCHITECTURE ◆ AUGUST 1967



Architect–Engineer: Daniel, Mann, Johnson & Mendenhall, Los Angeles, Calif.
General Contractor: C. W. Driver. Inc., Los Angeles, Calif. **Prestressed Concrete Consultants:** Rockwin Prestressed Concrete Corp., Santa Fe Springs, Calif.

Dream creamery comes true in concrete

It's the world's most modern and efficient dairy food processing plant, the new home of the Challenge Cream and Butter Association at City of Commerce, California. Serving metropolitan Los Angeles, the facility totals 255,000 square feet.

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Efficiency of operation called for large, unobstructed production areas. Pretensioned "tees" met this need with clear spans of 40 to 80 feet and cantilevers up to 20 feet. The few interior supports and walls required are cast-in-place concrete.

Here again, concrete provided not only maximum economy and fast construction, but an aesthetically pleasing structure. Low maintenance costs and the high hygienic standards required in a dairy operation also influenced the selection of concrete for this plant.

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VOLUME 73, NUMBER 8

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business data on page 38

THE COVER: Skyline Urban Renewal Project, Denver, Colorado; Baume, Polivnick & Hatami. Milmoe photo. Page 28.

HIGHLIGHTS and SIDELIGHTS

Private urban renewal program launched—

A drive to organize private enterprise to supplant federal urban renewal in all but extreme cases has been launched by the 1,000 directors of the California Real Estate Association. The board, representing 50,000 members throughout California, said that one of their aims will be to encourage private enterprise to provide low-cost housing for low-income people. They noted that urban renewal and similar programs using federal tax money would be unnecessary if property owners could be assured that neighborhoods would not be allowed to deteriorate below a certain level. Reed Robbins, CREA president, said that in some bases where massive blight makes upgrading impractical and all local efforts possible have been undertaken, urban renewal might then be the most logical course. The idea, of course, is to prevent this happening in the first place. Committees have been formed to implement the program and the association assures that it intends to work with city and county government, civic groups and private enterprise to attack the problem wherever it exists.

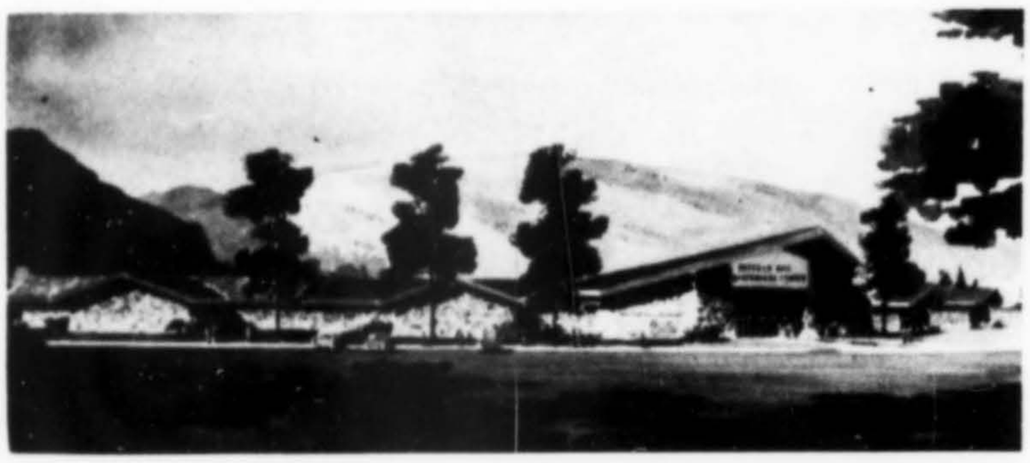
28,450 new homes is FHA estimate for Bay Area—

FHA has completed its analysis of the San Francisco housing market and estimated that there will be a demand for 28,450 new, privately financed units between now and 1968. This was on the basis of 14,450 homes for sale and 14,000 multi-family units. Public low rent housing and rent supplement housing were excluded from the estimate. The market area studied: Alameda, Contra Costa, San Francisco, Marin and San Mateo counties.

San Francisco Bay proposed as national park—

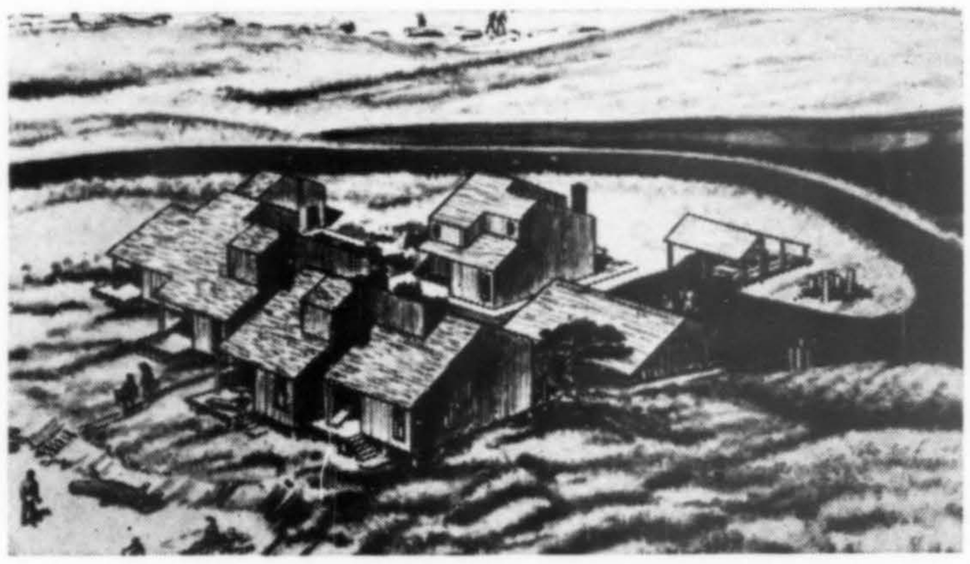
Architects Rai Y. Okamoto and William H. Liskamm have presented a plan to the Bay Conservation and Development Commission recommending that San Francisco Bay be considered for national park status, contending that the bay itself is the most valuable single asset in San Francisco and should be established by Federal law as a national park, similar to Yosemite. The two also propose that government agencies around the bay adopt a uniform guide to development and planning along the various waterfront areas.

Buffalo Bill Museum in Cody, Wyoming—



The Buffalo Bill Museum will be built as an extension to the Whitney Gallery of Western Art at Cody, Wyoming. A three-story entrance foyer will connect the two buildings with a small auditorium and administrative offices to be shared. Estimated to cost one million dollars, the museum is scheduled for completion in May 1968. Architect: George Tresler.

"Dune House," new Salishan apartment project—



"Dune House," a new $250,000 complex of 11 individually owned apartments at Salishan, Gleneden Beach, Oregon, is presently under construction. The first five units in the cluster-type development, were scheduled for completion by August 1. The site is a peninsula extending north between the Pacific Ocean and Siletz Bay. Architects are Church and Shiels.

Built-in weatherman for skyscrapers—

Dozens of skyscrapers in the 1970s will be linked together in weather centers to share electronically controlled indoor weather conditions predicts S. J. Nelson, vice president and general manager of Honeywell's commercial division. The future holds built-in "electronic weathermen," continually monitoring outdoor weather and feeding information back to a special central control console, which will predict weather conditions and make adjustments in the individual skyscrapers, according to Nelson. "Weather will be the same for all buildings in a complex," he says. "The central console will have operating data for each building at its electronic fingertips, including heat load, window area, floor space, type of construction, fuel and power rates."

Junior Arts Center in Barnsdall Park—

Recently dedicated, the Junior Arts Center in Barnsdall Park, Los Angeles, will offer young people from pre-school through high school age a place to gather to enjoy fine art exhibitions and to participate in creative workshop classes and programs. The facility is a joint venture of the Municipal Art Department, the Junior League of Los Angeles, the City Recreation and Parks Department. The center was designed jointly by the architectural firms of Hunter & Benedict and Kahn, Farrell & Associates.

$99 million is remodeling estimate for the West—

According to a current estimate by Sunset Magazine, the valuation of remodeling contracts in the 13 Western states during the first two months of this year hit $99 million, accounting for 30.5 percent of all remodeling in the United States.

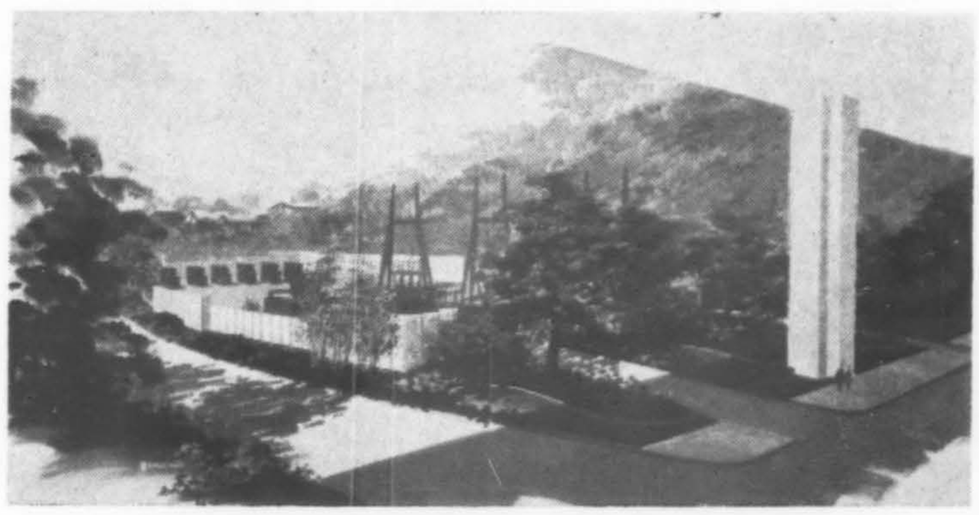
Pneumatic tubes as rapid transit solution?—

Pneumatic tubes have been suggested by the manager of Lockheed's advanced space craft program as a possible solution to California's rapid transportation problem. Larry K. Edwards, program manager, stated the system would provide faster, smoother and safer rides than freeways. Air-propelled tube trains installed under ground would travel more than 500 miles an hour and could carry 9,000 passengers an hour. A trip from San Francisco to San Jose, with stops every eight miles, would take about 22 minutes. He estimates construction, including tunnel and tubes, would cost from $4 million to $5 million a mile; less than present freeway costs in California urban centers. Other advantages he sees: less air pollution, fewer accidents, all-weather operation; better facilitation of regional planning, less disruption to downtown areas and their tax base.

San Francisco's Mission district under study—

The Finance Committee of San Francisco's Board of Supervisors has recommended approval of an application for a $2,000,000 two-year study leading to redevelopment of a 426 acre sector of the city's Inner Mission District.

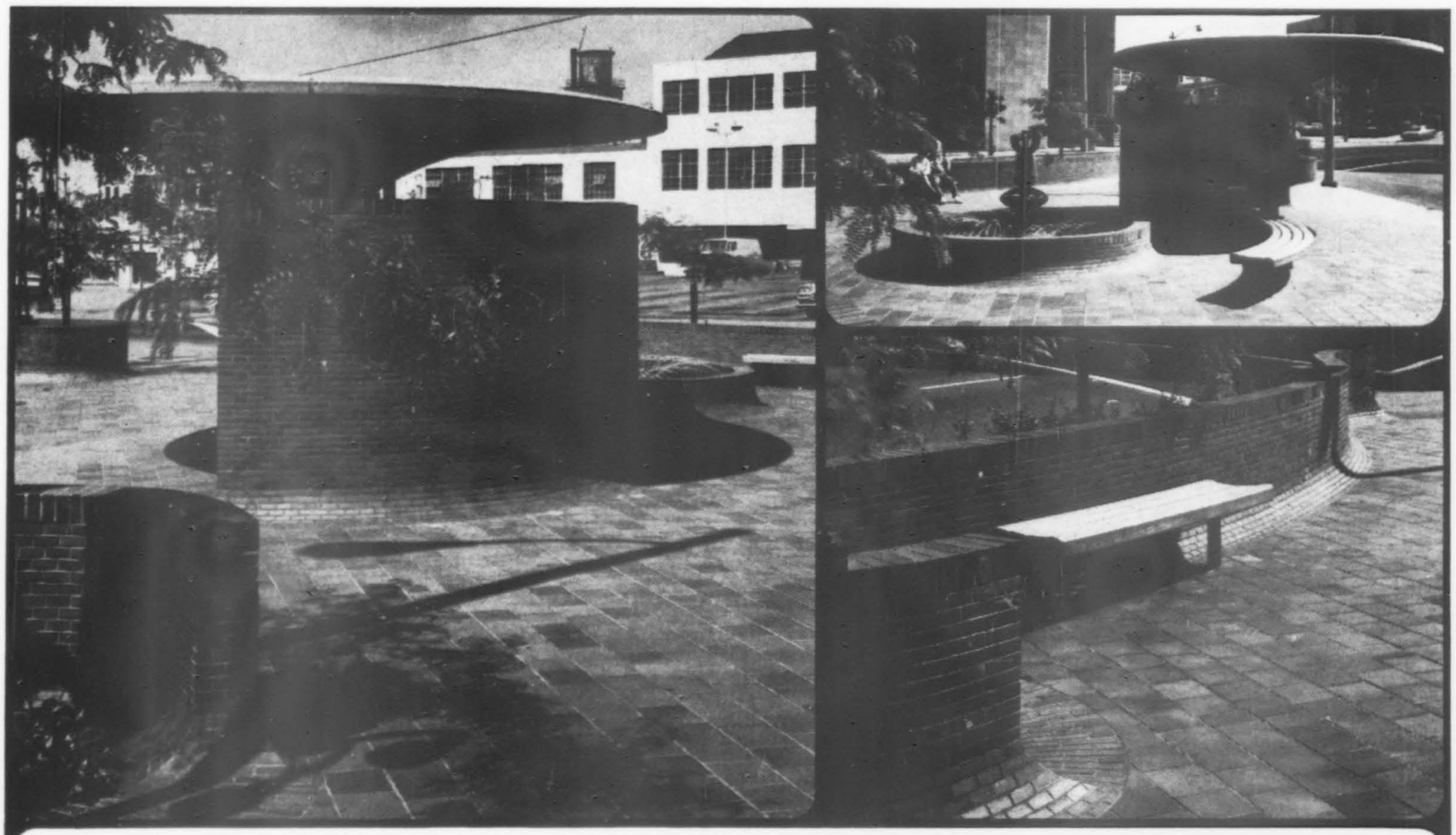
Substations can be esthetic—



Adhering to their policy to keep substations esthetically integrated with the neighborhood, Seattle City Light will complete a new receiving substation in the city's north end (409 N.E. Pacific Place) late in August. Feeder lines bringing power directly from the Skagit, will all be underground. G. Robert Bishop, City Light architect, designed the $2.0 million plus reinforced concrete tower structures, cited by the Municipal Art Commission last November. Richard Carothers is landscape architect.

Architectural barriers standards set—

Specifications for making buildings accessible to the 22 million Americans who have permanent physical disabilities are now available to architects and builders. Culminating a program to eliminate architectural barriers, the Easter Seal Society now have a set of standards, approved by the American Standards Association, and available from society headquarters at 2023 W. Ogden Ave., Chicago 60612.



An oasis in the asphalt jungle which relates to man's singleness through the use of a multitude of single burnt clay units/Versa-Tile* paving of 8x8 units and curved walls of 2x4 Romanette-Tile*—Fall Red color/ Westlake Square, Seattle/John Morse & Associates

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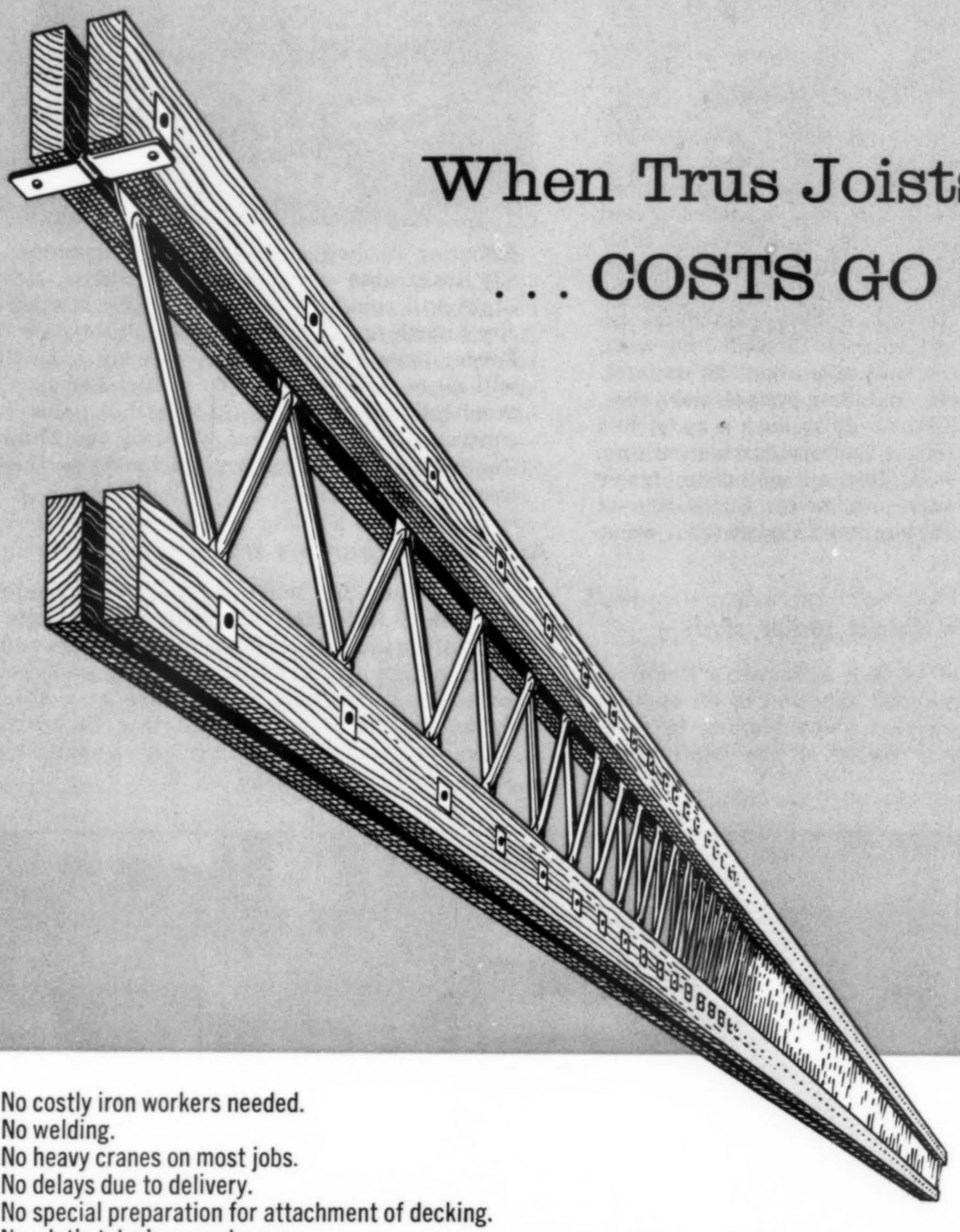

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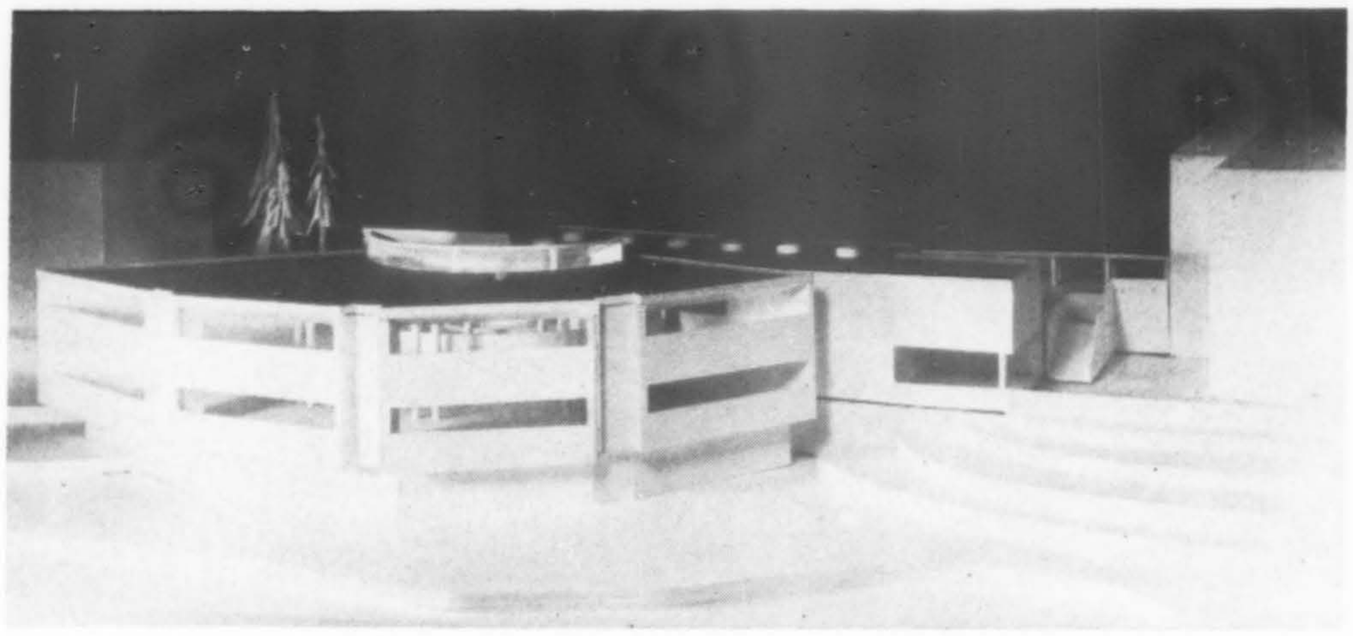
Aalto Library for Monastery at Mount Angel, Oregon



THEORIZING that the best is none too good, the Order of Saint Benedict retained Finnish architect Alvar Aalto to design a new library for their Monastery at Mount Angel, Oregon. The Berkeley firm of DeMars and Wells will be associate architects on the project. Erik Vartiainen, who worked on the plans in the Helsinki office, has joined the DeMars' firm and will continue working on the project.

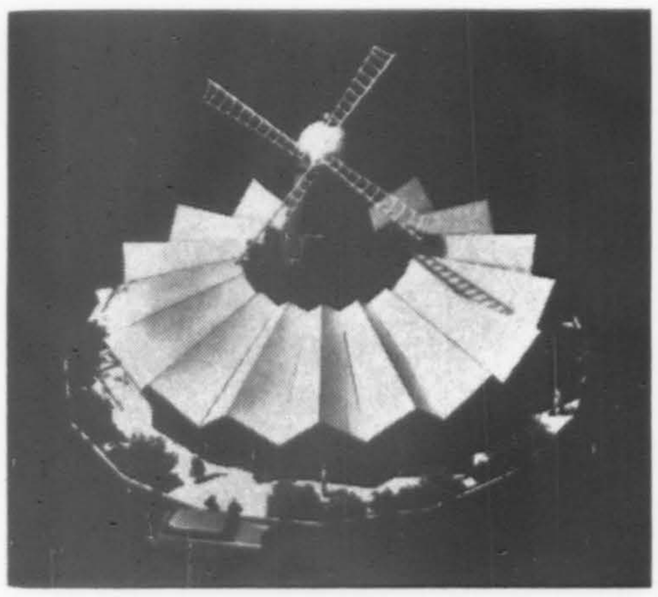
The library will have an area of approximately 45,000 sq. ft. and will accommodate 200,000 volumes. General construction will be a combination of reinforced concrete and reinforced brick masonry. Cost is estimated at $1,000,000. Present plans call for construction to begin in 1968.

Towers to rise on Bunker Hill, a famed Los Angeles site

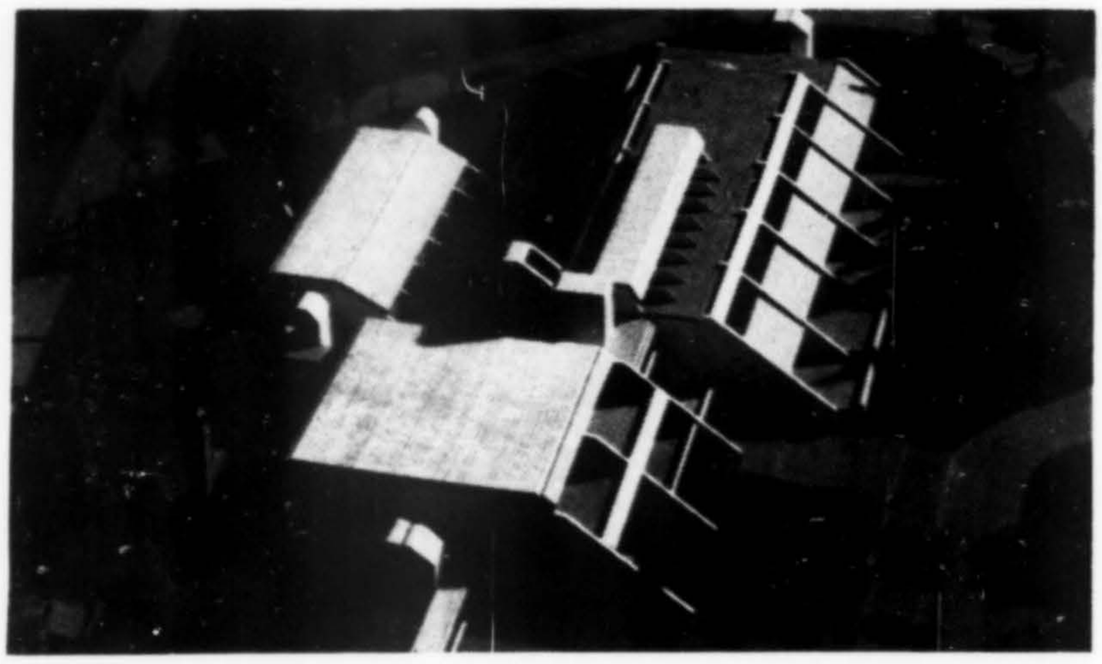
GROUND was broken in July for the $55 million Bunker Hill Towers near Los Angeles' Civic Center. The high-rise apartment complex will have three towers of 30, 35 and 40 stories, and two of 17 stories. The project is situated atop the city's famous Bunker Hill, site of Los Angeles' most ostentatious homes 70 years ago. The 13.1 acre site will have 1,750 apartments and subterranean parking for 2,400 cars. Construction of the first phase was to begin in July. Robert F. Alexander, FAIA, is architect; Simpson Construction Company, general contractor. Parker, Zehnder & Associates and John A. Blume & Associates are structural engineers; Eckbo, Dean, Austin & Williams, landscape architect.

Master of Science program to be offered in Urban Design

PRATT INSTITUTE, Brooklyn, New York, will launch a new Master of Science program in Urban Design, beginning in September, 1967. The 40-credit program, open to holders of the Bachelor of Architecture degree, investigates accelerating urbanization throughout the world with a view toward preparing the student to cope with large-scale complexes to meet urban problems in terms of planning and aesthetic values.



Two new "windmill-type" structures are presently under construction for the Van de Kamp's chain. The 52-year-old California food service firm will construct more than 40 additional blue-and-white shops over the next three years in Southern California, Arizona, New Mexico and Colorado. Nyberb & Bissner, Inc., is architect for the Buena Park, California project.



MENTAL RETARDATION CENTER for the University of Oregon Medical School, will be a three building complex placed around a main entrance-circulation "spine." The largest structure is the "working-core" housing laboratories, medical facilities, staff, with a recreation and administrative building to the west and a living-in element housing dormitory, special observation and parents apartments. Brick bearing walls will relate to the brick on many of the medical school buildings. Roofing will be terne metal. Architects: Campbell, Michael, Yost.

PROJECT PREVIEW

SPACE ENGINEERING and **SCIENCE BUILDING,** Stanford University, will be a four story structure for space-oriented research and training. The building will house classrooms, laboratories, shops, a computer facility and the Department of Aeronautics and Astronautics. Grants from NASA and the Air Force are being supplemented with funds raised by the University. Estimated construction cost: $3.2 million. Architect: Spencer, Lee & Busse.

HERITAGE TOWER, a 12-story office building in Anaheim, California, will have a central concrete core with steel box columns at the corners, designed to resist major earthquake or other lateral forces. Interior space is free of columns. Estimated cost: $2,000,000. Architect: Victor Ben-Aziz; Peter Kiewit Sons' Co., contractor.

SHADOW LAKE ELEMENTARY SCHOOL, Maple Valley, Washington, will feature combination of wood and brick accent panels. The complex provides a multipurpose-administration unit available for community functions, a four classroom special education unit, three additional classroom units, all carpeted, a covered outdoor play area. Architects-Engineers: Seifert, Forbes & Berry.

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"Central Oregon has as severe a climate as any in the country, with temperatures ranging from 20 below to 110 above. There's bright sunshine 80% of the year, plus high winds which sandblast wood exteriors with volcanic pumice and cinders. During the three years some of these buildings have been exposed to these extreme conditions, the Olympic Stain on the exteriors has

weathered beautifully. That's why we specified Olympic — we knew how it would perform."

Blending with the ruggedness of the site, Central Oregon College, Bend, Oregon, is built on the slope of an old volcanic cinder cone. In 1966 the first phase of construction —four classroom buildings, student center and administration building— received an A.I.A. Award of Merit.

This year, the new Library has received an A.I.A. Honor Award.

All buildings follow a similar pattern of construction materials and techniques. Exterior non-bearing walls and the deep, overhanging fascia are of frame construction, faced with wood shingles. Roofs are flat and framed with wood joists, glu-lam beams or trusses. Interior finishes include gypsum board, prefinished hardboard, fir paneling and acoustical tile.

"The entire project is 100% Olympic Stain," continues architect Wilmsen. "All the windows, sash, door frames, cedar siding, exterior trim, cedar soffits and exterior wood doors are stained with Olympic. Although we have nine different painting contractors, we have absolutely refused any substitution of stain from the Olympic Stain specified. Our answer has been: there is no substitute for Olympic Stain—we have had over 20 years experience with it and know what we are talking about."

For color samples on wood and A. I. A. Information Manual, write Olympic Stain Company, 1118 N.W. Leary Way, Seattle, Wash. 98107.

International congress on religion in architecture, arts in New York

Representatives of every major world faith will meet in New York August 27-September 1, to discuss religion's place in architecture and the visual arts. The meeting of the International Congress on Religion, Architecture and the Visual Arts is the first of its kind.

The Congress is sponsored by 35 national architectural and religious organizations from 20 countries. Participating architects will include Robert L. Durham, Max Urbahn, William Conklin, Percival Goodman, Morris Ketchum, Daniel Schwartzman, Philip Johnson and John Simonds with prominent architects, planners, religious and lay leaders, and world renowned artists among the speakers.

At the adjournment of the Congress, three days of additional discussions will be held at McGill University with side visits to Expo 67.

Information is available from John Morse, general chairman, 287 Park Avenue S., New York 10010.

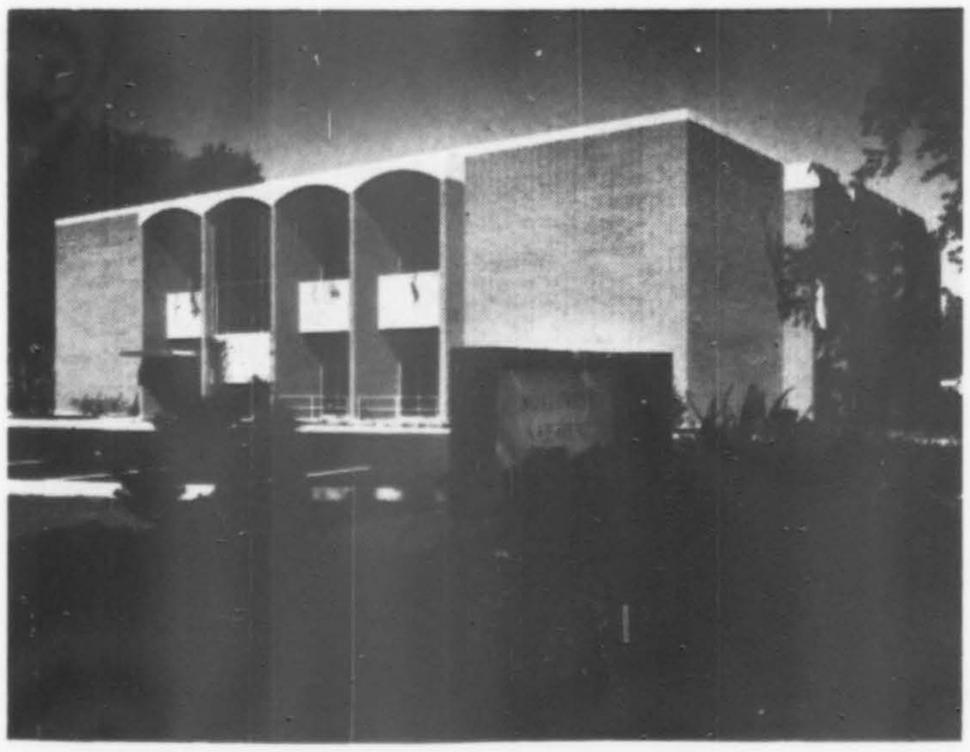
Continuing architects' education to be pursued in five seminars

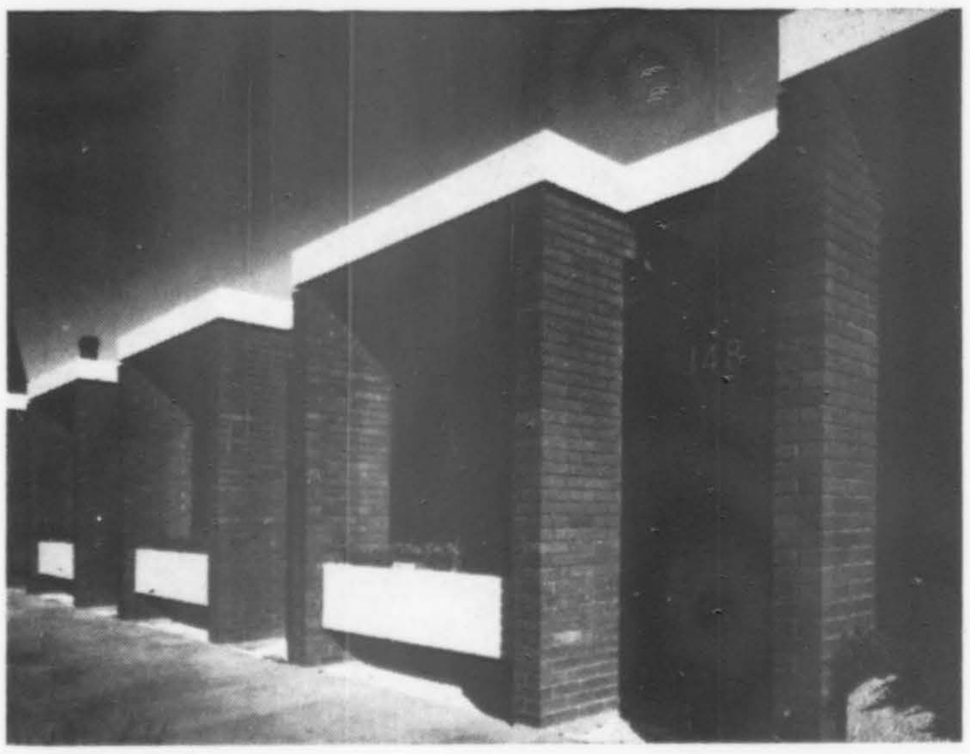
"DEVELOPMENTS in Architectural Technologies," a series of seminars to be presented to architects and engineers in six cities (San Francisco and Los Angeles in the West), begins the second year of continuing education in architecture sponsored by Bolt, Beranek & Newman, Inc. The series, to start in October 1967, will consist of five seminars on acoustics, mechanical systems, lighting, structures and computers. They will be presented one full day each month for five months (usually on Saturday), featuring lecturers from leading consulting and research groups across the nation.

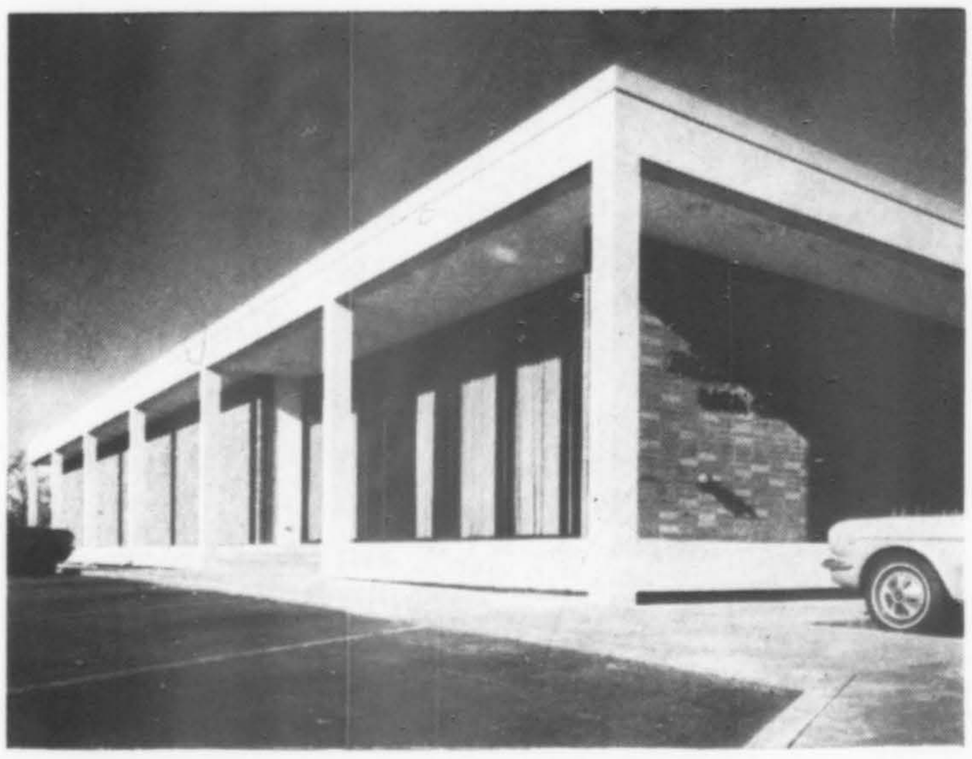
Information is available from W. J. Cavanaugh, director, Bolt, Beranek & Newman, Inc., 50 Moulton St., Cambridge, Mass. 02138.

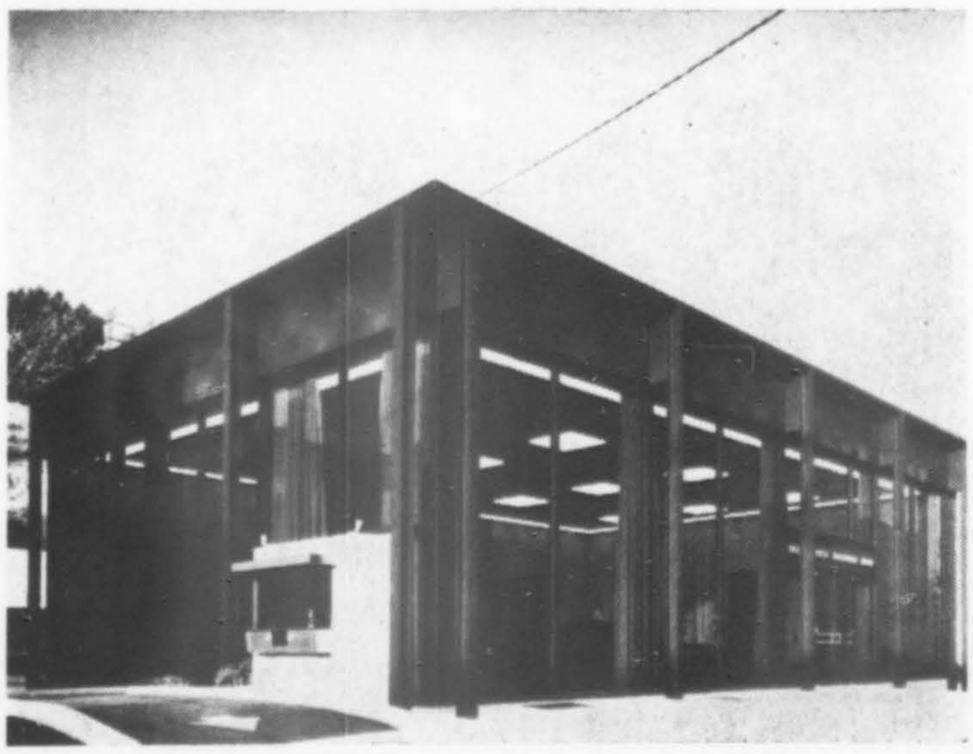
Urban renewal institute August 7-18, Atlanta

THE GEORGIA Institute of Technology, Atlanta, announces a two-week Summer Institute in Urban Renewal, August 7-18, sponsored by the Department of City Planning and conducted by the Department of Continuing Education. Information available from Director, Department of Continuing Education, Georgia Institue of Technology, Atlanta, Georgia 30332.









FOUR BUILDINGS SELECTED IN IDAHO CHAPTER, AIA, PROGRAM

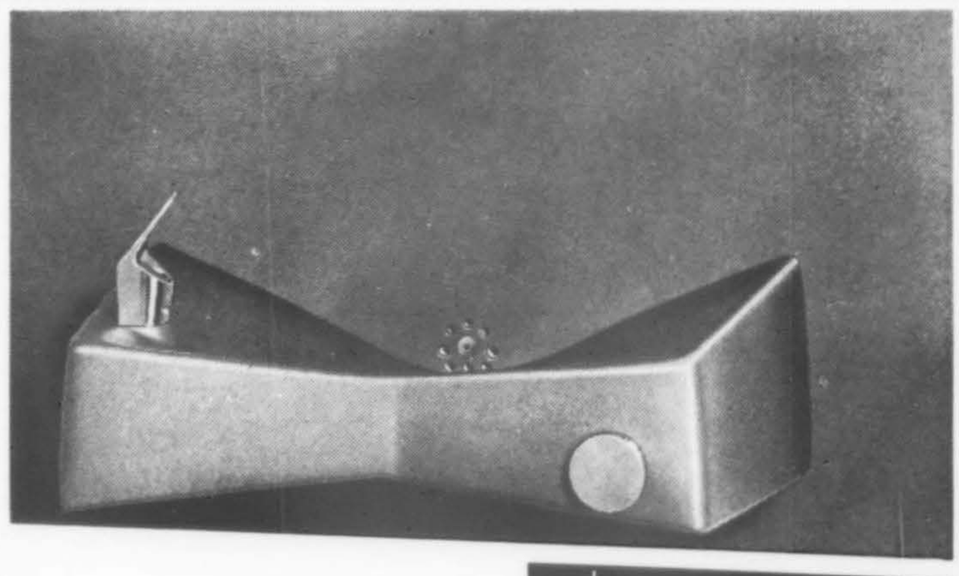
Merit awards were presented to three firms in the recent Idaho Chapter, AIA, honors competition. Jurors were architects Robert Billsbrough Price, FAIA, Tacoma; John McGough, Spokane, and A. O. Bumgardner, Seattle.

LIBRARY BUILDING
Northwest Nazarene College, Nampa
Smith & Keys, Architect

WOMEN'S CLINIC
Boise, Idaho
Bradford Shaw & Associates, Architect

DATA PROCESSING CENTER
Idaho National Bank, Boise
Bradford Shaw & Associates, Architect

LEWIS and CLARK BRANCH
Bank of Idaho First National Bank
Lewiston, Idaho
Watson & Leatham, Architect



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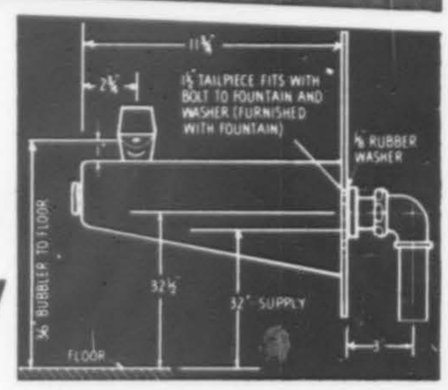

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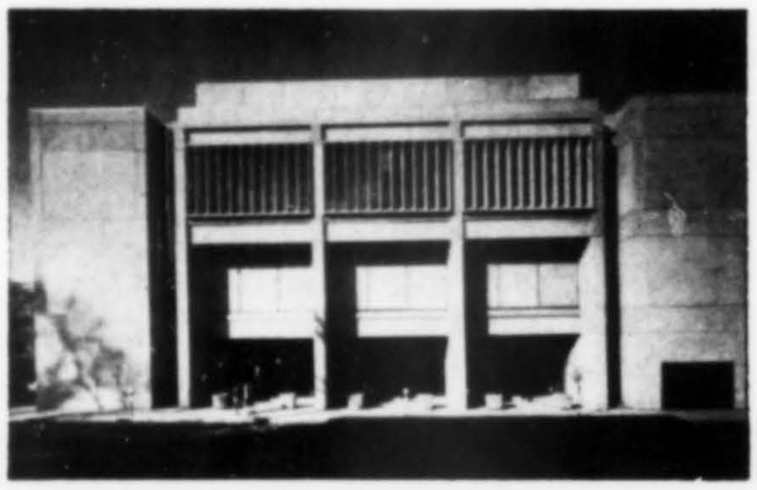
HOUSE IN THE TREES for Salishan Lodge employees, Salishan Beach, Oregon. Honor Award. Church & Shiels, architects.

PHYSICAL EDUCATION Building, Portland State College, Portland. Honor Award. Wolff/Zimmer/Gunsul/Frasca, architects.

LIBRARY BUILDING, Central Oregon College, Bend, Oregon. Honor Award. Wilmsen, Endicott & Unthank, architects.

SOUTH AUDITORIUM Urban Renewal project, Portland. Honor Award for planning. Skidmore, Owings & Merrill, architects.



OREGON HISTORICAL SOCIETY BUILDING, Portland. Honor Award. Wolf/Zimmer/Gunsul/Frasca, architects. (Architecture/West, July 1967)

PROJECT ONE, office building, Portland. Honor Award. Zaik & Miller, architects.

Portland Chapter, AIA, cites 12 projects in annual program

From 40 entries, jurors selected eight projects for Honor Awards and four for Merit Awards in the annual competition staged by Portland Chapter, American Institute of Architects. Jurors were architects Keith Kolb, Seattle; Charles Warren Callister, San Francisco, and William Trogdon, Spokane.

MERIT AWARDS

R. A. OLIPHANT residence, Portland. Allen, McMath, Hawkins, architects.

BEACH HOME for Dr. Calvin Kiest, Salishan. Church & Shiels, architects.

FIRST FEDERAL Savings & Loan Association, Salem. Wilmsen, Endicott & Unthank, architects.

SALISHAN MASTER PLAN, Gleneden, Oregon. Skidmore, Owings & Merrill, architects.

HEALY COTTAGE, Salishan Beach, Oregon. Honor Award. Robert M. York, architect.

RESIDENCE, Mr. and Mrs. Art J. Priestly, Lake Oswego, Oregon. Honor Award. Edgar Wilson Smith, architect.

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Over 60,000 bd. ft. of Non-Com fire-protected lumber stays on the job night and day in the new dormitories at Southwest Texas State College, San Marcos, Texas. Here's why you should think of Non-Com for your next building project.

Increased fire safety under actual fire conditions. Chemicals in Non-Com wood retard the spread of flame. Structural strength is maintained longer than unprotected steel. This provides more time and freedom for firemen to work, more time for evacuation.

Savings in construction costs begin with Non-Com lumber's sturdy but lightweight workability. Because this pressure-treated lumber retains all the characteristics of wood, wiring is easily installed, walls and partitions go up faster — hence, savings in time and money.

Acceptance by building-code authorities. At Southwest Texas State, lumber met all requirements of the State Insurance Board. Non-Com lumber's fire-protection excellence has, in fact, led to preferential insurance rates for schools, public buildings and commercial structures across the country.

If you're at the planning stage (or even just at the thinking stage), better think about structurally strong Non-Com fire-protected wood. Write for Product Folder W-578, Forest Products Division, 734 Koppers Building, Pittsburgh, Pennsylvania 15219. Or call Don C. Smith, (213-830-2860) in Wilmington, Calif.

N-35B

Koppers

Architects: Harvey P. Smith & Associates, San Antonio, Texas

New firms, associations, office changes

☐ Lewis Ingleson announces the opening of his office at 1507 Kapiolani Boulevard, Honolulu, for the practice of architecture and planning. Prior to establishing this firm, he was with Design Associates, Ltd.

☐ With the retirement of John T. Schneider and the appointment of two new associates, architects William Peterson and Raymond S. Smith, the Portland firm of Bear, McNeil, Schneider, Bloodworth & Hawes, announces a change in name to Bear, McNeil, Bloodworth & Hawes, Architects, and Peterson & Smith, Associates. Present offices at 5502 N.E. Glisan Street will be retained.

☐ Los Angeles architect Adrian Wilson, FAIA, has vacated the quarters at 816 W. Fifth St. he had occupied for 39 years, and moved to a new location at 621 S. Westmoreland Avenue, where he has resumed international operations under the new corporate name of Adrian Wilson Associates.

WILMOT

SAABYE

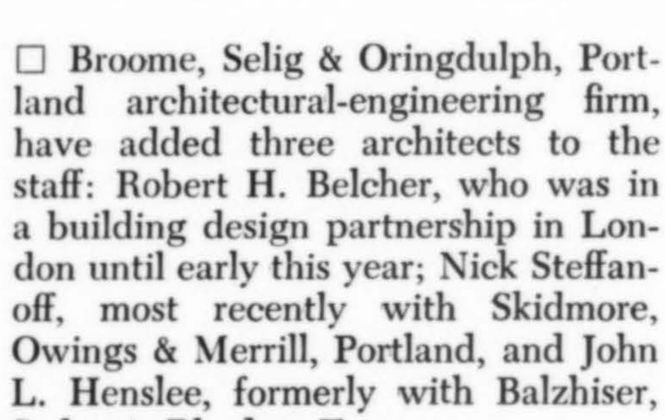
☐ Two Salem, Oregon architects, Harold P. Saabye and Wilbur G. Wilmot, Jr., have combined their offices to form a partnership for the practice of architecture. The new firm, Wilmot & Saabye, will also provide consulting services for city planning and development planning. Offices will be in the former Saabye location at 161 High Street S.E., Suite 124, Salem.

☐ Mallis & DeHart, Seattle architectural firm, announce that Lewey T. Lands and Paul P. Hall, both architects, have become partners in the firm which will be known as Mallis, DeHart, Lands & Hall, Architects. Offices are at 631 Lyon Building.

☐ George Furusho announces the opening of an office for the practice of architecture at 5327 N.E. Davis Street, Portland, Oregon.

☐ Euan Loiseau, architect, has joined the staff of the Jack A. Benaroya Company, Seattle.

☐ Three members of Albert C. Martin and Associates, Los Angeles planning, architectural and engineering organization, have been designated as associates: architect Robert D. Davis, a member of the firm since 1959; architect Alan L. Gallion, who joined them in 1964, and Alvin Ficks, engineer, in 1956. Laurence Farrant, architect-engineer, has joined the firm as a resident construction advisor.



AMIEL, SHOMLER, WILLIAMS

☐ The Seattle firm of Bridges/Burke, Architects, AIA, announce the addition to their staff of three architects: Maurice S. Amiel, most recently with Cummings & Martensen; Alvin C. Williams, formerly with Fred Bassetti & Company, and Robert P. Shomler, an associate of Robert M. Shields.

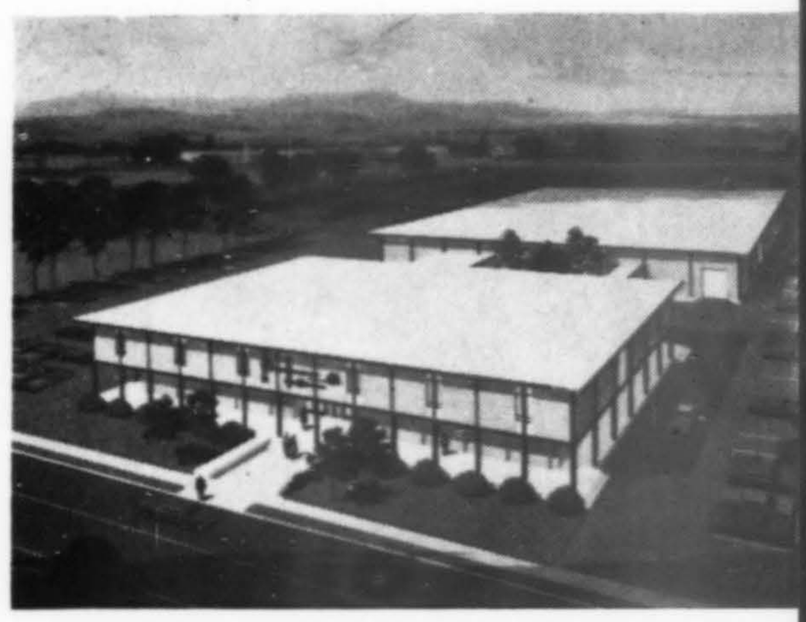
☐ Broome, Selig & Oringdulph, Portland architectural-engineering firm, have added three architects to the staff: Robert H. Belcher, who was in a building design partnership in London until early this year; Nick Steffanoff, most recently with Skidmore, Owings & Merrill, Portland, and John L. Henslee, formerly with Balzhiser, Seder & Rhodes, Eugene.

☐ Charles D. Wiley has been named an associate of Neill Smith & Associates, Berkeley, California.

☐ Captain George E. Fischer, architect, who retired June 30 as Deputy Commander, Southwest Division, Naval Facilities Engineering Command, San Diego, has been named executive vice president and head of the Los Angeles office of Benham-Blair and Affiliates, Inc., architect-engineer-consultant firm.

☐ Harold Dakke and Arnold Andring, Aberdeen, Washington architects have formed a partnership, and have opened a second office in Shelton, Washington, to be headed by Dakke. Andring will be in charge of the firm's Aberdeen office at 107 N. Broadway.

☐ Banks Upshaw, Jr. has opened an office for the practice of architecture at 119 E. Broadway, Eugene, Oregon.



Vocational Technical High School, Helena, Montana, is result of the growth of the department of Aeronautics and Related Trades at the Helena Senior High School. The structure is steel frame with black steel frame exposed. Exterior panels are grey brick. Architects-engineers: Morrison-Maierle & Associates.

☐ Formation of an engineering department has been announced by Naramore, Bain, Brady & Johanson, Seattle architectural firm. It will be headed by a new senior associate, George H. Dickson, P.E., as director of engineering. When fully developed, the department will include both electrical and mechanical engineering services.

☐ Robert W. Adsero, ASLA, has joined Daniel, Mann, Johnson & Mendenhall, Los Angeles, architectural-engineering-planning firm, as head of landscape architectural activities.

☐ Young, Richardson & Carleton, Seattle architectural-engineering firm, announce that James Waldowski has joined the company as assistant director of construction. He has 20 years in architecture and construction management.

☐ Ten Northern California consulting engineering firms and seven contractors and architects, from Eureka to Los Angeles, have set up a consortium of engineers, contractors and surveyors known as Construction Surveys Corporation and Lewis-Nicholson, Inc., A Joint Venture, to provide a complete engineering-construction package service. Construction Surveys Corporation, with offices in Sacramento, will provide surveying, engineering and planning. Lewis-Nicholson, Inc., Eureka, will serve as contractors, engineers and surveyors.

☐ J. Smith Bennett has been appointed director of store planning by Burke, Kober, Nicolais & Archuleta, Los Angeles-San Francisco based architectural and engineering firm.

News notes

☐ Theodore T. Boutmy has been appointed to the Sausalito Planning Commission for a four year term. He is presently a member of Sausalito's Community Appearances Advisory Board.

☐ Architect Louis McLane, a founding partner in the Los Angeles firm of Coate & McLane, has been appointed planning director of The Sea Ranch. He will be in charge of all planning, architecture, engineering, landscape and graphic work in the future development of the multi-million dollar second home community located on the northern Sonoma Coast.

☐ William L. Pereira, FAIA, has been appointed by Governor Reagan to membership on the Transportation Task Force to study the state's transportation problems.

☐ Ralph E. Vitiello has been elected to the board of directors of the Community Welfare Council of the greater Sacramento area.

☐ Charles Luckman, FAIA, has been appointed by President Johnson as a key adviser on the United States Delegation to the 43rd session of the United Nations Economic and Social Council meeting in Geneva, Switzerland, from July 11 to August 4.

☐ The Society of American Registered Architects' national headquarters has been transferred from 1821 Jefferson Place N.W., Washington, D.C. to 2130 Keith Building, Cleveland, Ohio. Allen P. Wherry, of Thomas Associates, Inc., a trade association management firm, has been named to serve as administrative director.

☐ Mayor John Reading, Oakland, has appointed Murdo D. Morrison, Oakland architect, as chairman of the newly formed Urban Aesthetics Committee.

☐ Charles B. Hope, executive vice president and general manager of engineering of Frank L. Hope & Associates, San Diego architectural-engineering firm, has been elected president of the San Diego Society of Structural Engineers.

☐ Art Hupy, Northwest photographer, has resumed free lance photography, working in the western United States and Canada. He is located at 990 Broughton, Vancouver, British Columbia.

☐ Beckwith & Spangler, Bellevue, Washington architects, have been cited by the National Association of Evangelicals for the design of the Maple Leaf Baptist Church, Seattle, and the Free Methodist Church, Spokane. It is the third consecutive year the firm has received awards in the competition sponsored by the NAE and Christian Life Magazine to stimulate better church design.

☐ The East Bay Chapter of the American Institute of Architects, Oakland, has inaugurated the first nationwide AIA Space Architecture Committee under the chairmanship of James B. Aitken, partner in the Berkeley firm of Aitken & Collin, Architects. Mr. Aitken is a director of the Space Architecture Research and Development Institute.

☐ Lloyd Lovegren, Seattle architect, has received the Award of Special Distinction from Institutions Magazine for his design of the Yamoto Japanese restaurant in the Century Plaza Hotel, Los Angeles.

☐ Lester W. Hurd, 73, died recently in Merritt Hospital, Oakland, after a long illness. He was co-founder of The Office of Masten & Hurd, San Francisco architectural firm, in 1919.

Commissions

☐ *Richard George Wheeler & Associates,* San Diego, have been named to do the master planning and architectural design of the new $7 million Union Carbide Corporation plant in that city . . . *Hertzka & Knowles,* San Francisco architects, are presently working with Loew's hotel chain on preliminary plans for an estimated $6 to $7 million Mark Hopkins Hotel addition to rise on the corner of Mason and Pine Streets. . . .

Jennings Graham, Ketchikan, Alaska architect, has been retained to design the new community college in that city and *Linn A. Forrest & Sons,* Juneau, the community college in Juneau. Each are estimated to cost $500,000 . . . *Daniel, Mann, Johnson & Mendenhall,* Los Angeles, have been named by the Peralta Colleges board of trustees for their new Berkeely campus. San Francisco architects *Corlett and Spackman* will be associated on the project . . .

Martin Stern, Beverly Hills, has been retained as architect of a new $40 million resort hotel scheduled to open in Las Vegas, Nevada in May 1969 . . .

Chan/Rader and Associates of San Francisco were given a Citation of Excellence for design in residential construction for a steel-framed garden pavilion in the 1966-67 Design in Steel Award program sponsored by the American Iron and Steel Institute. The pavilion, located in the garden of a summer home in the Bay Area, was designed around an antique spiral staircase and a wire mesh aviary.

Address changes

ROGER RANUIO – 119 Broadway St. San Francisco, Calif.

PACHECO &. GRAHAM, ARCHITECTS– 316 Val Verde S.E., Albuquerque, New Mexico.

JOHN M. EATWELL–1601 S. Federal Blvd., Denver.

DAVID L. & PATRICIA F. HOPKINS– Box 715, Aspen, from Denver.

EDWARD L. HARDIN – 355 LaVerne Ave., Mill Valley, Calif.

WILLIAM STOCKWELL–3625 W. 6th St., Suite 202, Los Angeles.

O. E. LEIDENFROST – 1734 N. Taft, Los Angeles.

PIERO PATRI – 801 Wisconsin, San Francisco.

RICHARD T. CRANDELL–2110 South Ash, Suite 26, Denver.

ROBERT M. FORD–704 Michigan, Pullman, Wash., from Seattle.

STONE, MARRACCINI & PATTERSON– 455 Beach St., San Francisco.

JAMES M. WIDRIG–1041 Dock St., Tacoma, Wash.

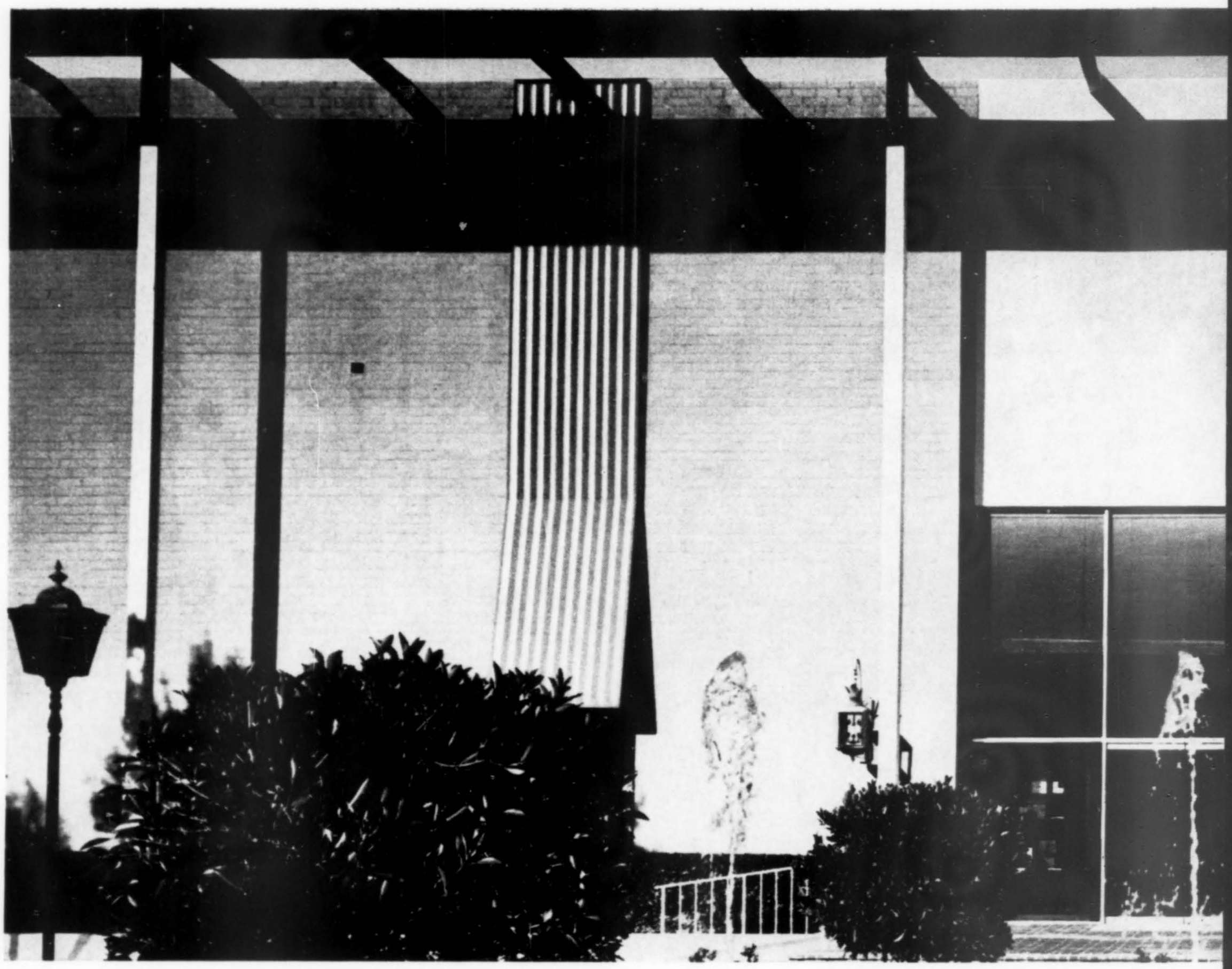
CLIVE KIENLE – 360 N.W. Canyon Road, Beaverton, Ore.

RALPH BONADURER–4035 N.E. Sandy, Portland, Ore.

RICHARD L. PARSELL–No. 8 Lindley Road, Mercer Island, Wash., from Sacramento.

RICHARD MCFARLAND – 1996 Union St., San Francisco.

MARVIN E. KNEDLER–6464 West 14th Ave., Suite 205, Lakewood, Colo., from Denver.



Lower total annual cost in All-Electric buildings?

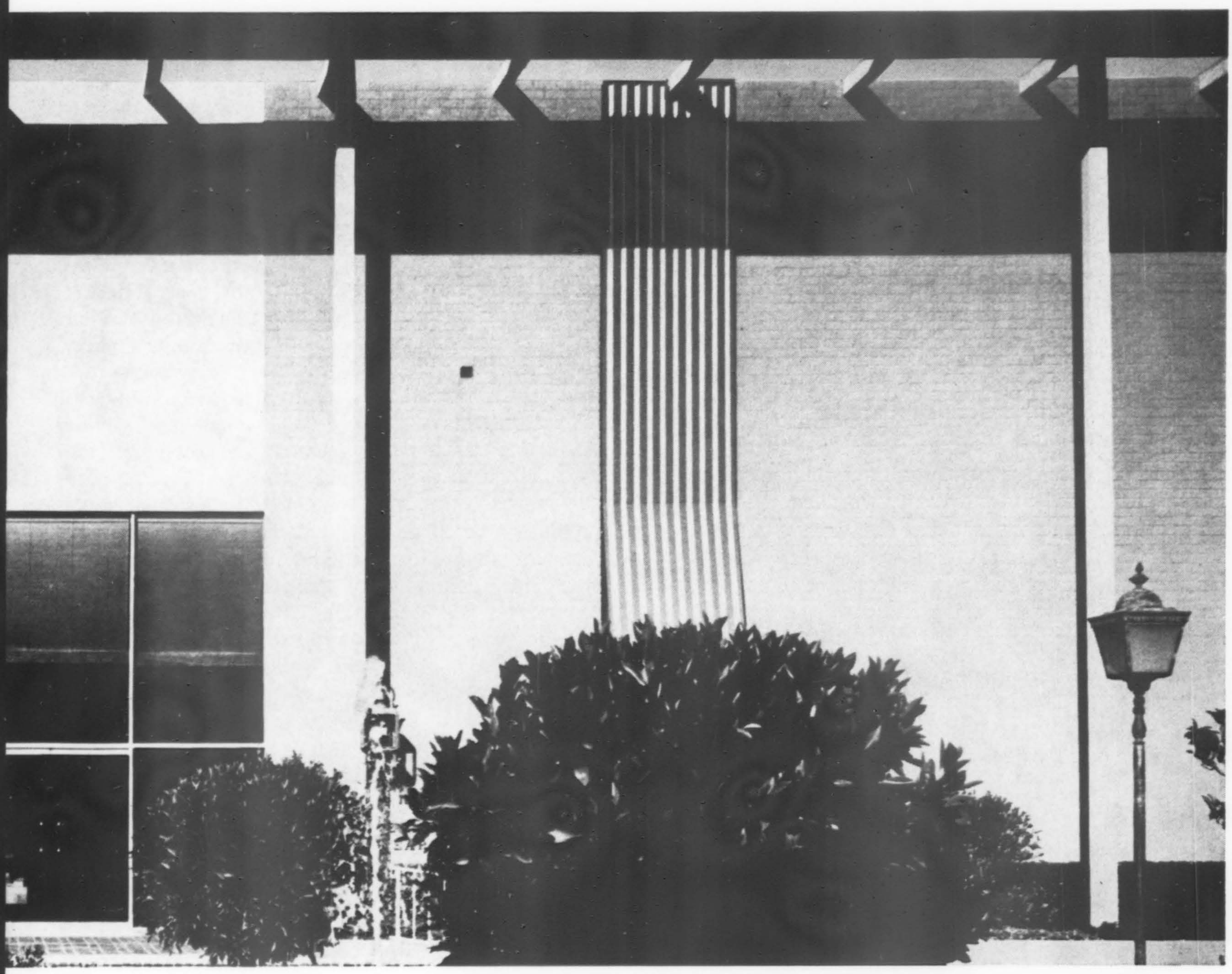
Ask Buffums'...

Buffums' Palos Verdes is the fourth All-Electric department store in the Buffums' chain. It's another example of the remarkable economy of the All-Electric building concept.

By going All-Electric, Buffums' was able to make more efficient use of their money in several ways.

The lower first cost of electric heating and air conditioning equipment accounted for big initial savings. Because electric air conditioning is 30% to 50% less, Buffums' greatly reduced costs on that one item alone. Electric heating eliminated the need for boilers, stacks, vents, flues and the space required to house them. Just the savings in piping materials and installation was considerable. Space saving was another factor. In this case, it was the equivalent of a complete shoe department.

Buffums' lighting was designed in accordance with the nationally recognized standards of the Illuminating Engineers Society. It not only lights without glare and highlights Buffums' quality merchandise but, most importantly, is the princi-



pal source of heat for the entire store.

Flameless, quick-recovery, water heating serves Buffums' beauty shop and washroom areas.

Another important benefit of the All-Electric concept is the architectural freedom of design. All-Electric systems are flexible, and can be incorporated in a great variety of building designs, rather than forcing the architect to design the building around traditional systems.

The All-Electric Building Award for Buffums' Palos Verdes testifies that this building has met recognized engineering standards for lighting, heating, and air conditioning.

Buffums', like so many other companies, has found that lower first cost, lower maintenance expense and competitive operating costs add up to lower total annual cost in All-Electric buildings. We can give you all the money-ahead facts and figures on All-Electric building, including hundreds of case histories. Write Marketing Engineering, P.O. Box 62, Terminal Annex, Los Angeles 90051.

BUFFUMS' PALOS VERDES

Architect: Killingsworth, Brady and Associate, A. I. A.

BUILDING PROFILE

GENERAL DESCRIPTION
- Two-story building
- 43,000 square feet department store
- Reinforced brick masonry construction

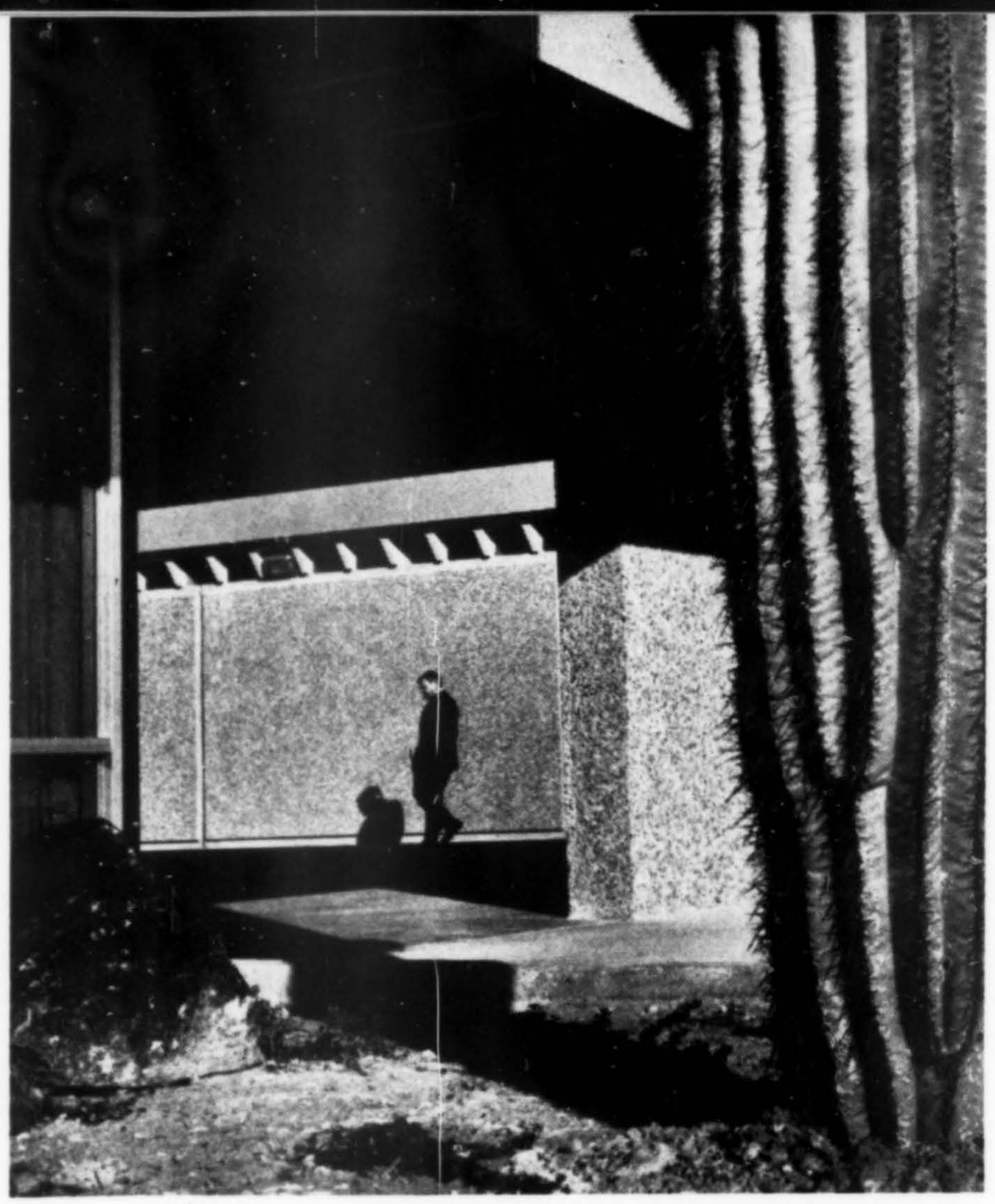
ELECTRIC LOAD
- Connected Lighting and Miscellaneous Load—600 KW
- Electric Air Conditioning (125 Tons—3 Units)—160 KW
- Electric Supplementary Heating—92 KW
- Electric Water Heating—40 KW

INSTALLED COSTS
- Air Conditioning System—$1.25 sq. ft.
- Electrical System—$1.90 sq. ft.

OPERATING COSTS
- Total Electrical Operating Cost for a Six Day Schedule—$.38 per sq. ft. per year

SPACE CONDITIONING
- Direct expansion, refrigerated, air cooled cooling system. Heat supplied by lights supplemented by electric heating coils as needed.

Southern California Edison SCE



THE ARCHITECT'S STATEMENT:

BECAUSE COSTS are, and must remain, a dominant factor in school planning, materials were selected for low in-place cost and minimum maintenance. Construction economy is achieved by use of large prefinished shop-fabricated structural units, by careful attention to the simplification of details and construction techniques, and by the repetitive use of standard units.

The composite campus-compact plan was evolved to separate educational departments with the utmost possible economy and to permit the architectural expression of the purpose of each building complex. Spaces between and around buildings are shaped and organized to augment this unity of purpose while providing an inviting, attractive environment. Floors are raised above possible flood level, and space beneath is advantageously used for air returns, utility

SAGUARO HIGH SCHOOL | Scottsdale, Arizona

PIERSON, MILLER, WARE and ASSOCIATES
Architects, AIA

KAHNWEILER-SIMONS CONSTRUCTION COMPANY
Contractor

tunnels and sloping lecture room floors. Exterior walls hover above grade, minimizing site work and reducing wall height.

Classroom windows are limited to a narrow strip of vari-colored glass at eaves providing lighting without visual distriction and simultaneously creating a colorful fascia. Exterior walls are precast, prestressed concrete units. Interior traffic areas have thermal set plastic wall surfaces for permanent color and finish.

The school is sited on 40 acres of farm land, providing a complete facility for 2400 students. Budget was $3,075,000 and cost was $13.96 sq. ft. (220,191 sq. ft.).

Structural engineer: Magadini Associates

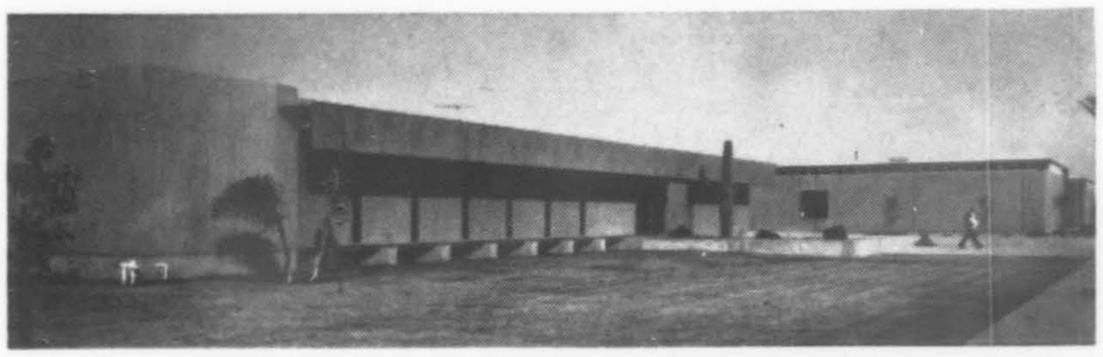
Mechanical Engineer: Lowry & Sorensen

Electrical Engineer: William B. Keller

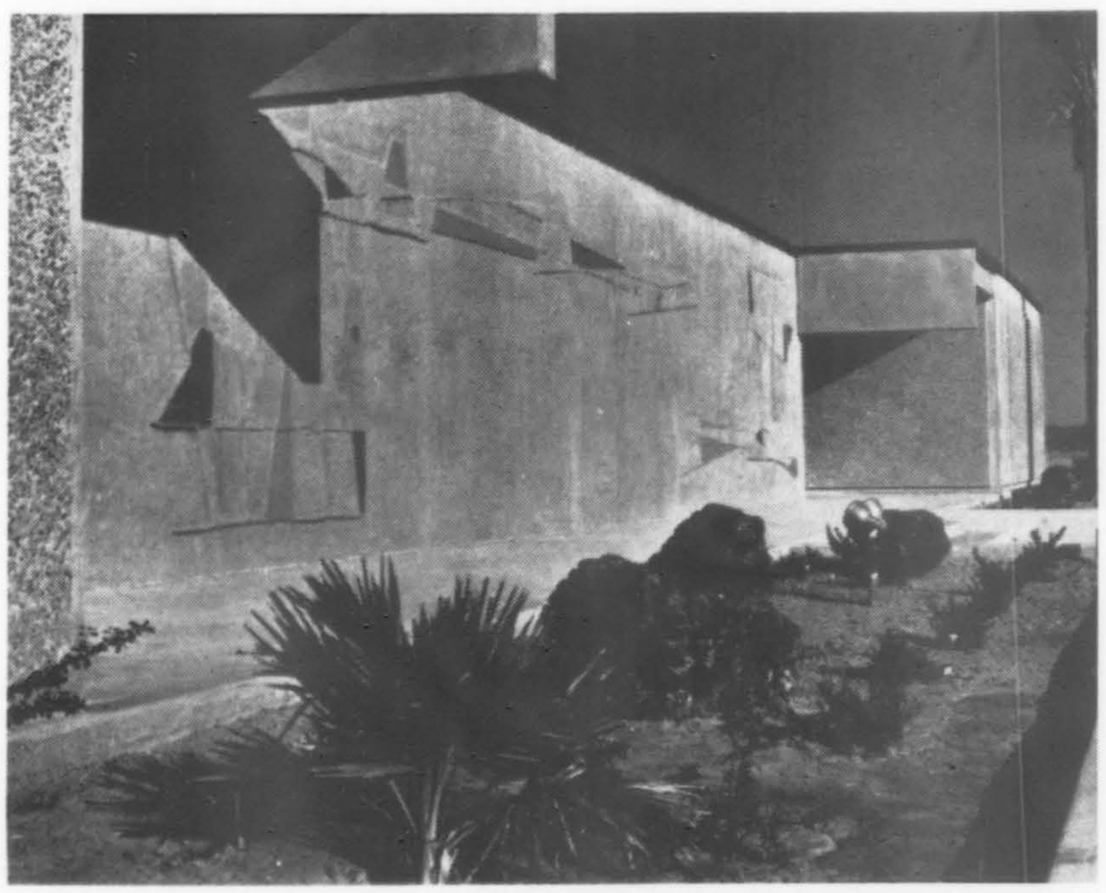
Acoustical consultant: Robert A. Larabell

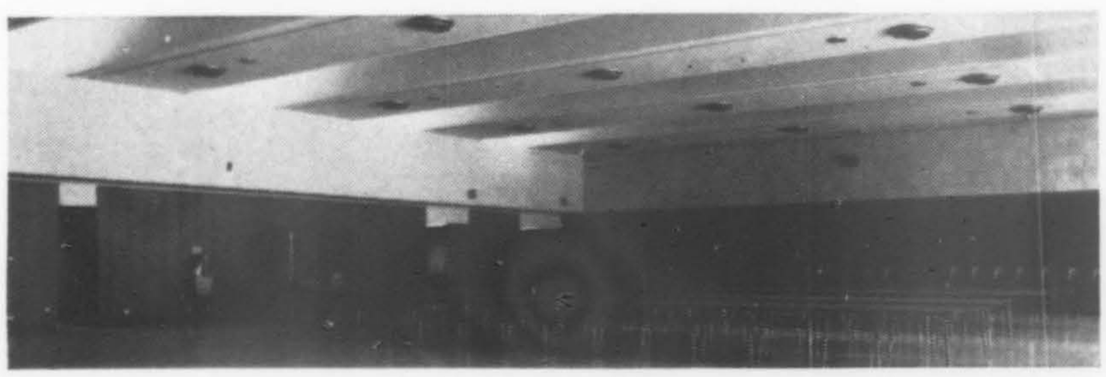
Cloud nine for the school district:

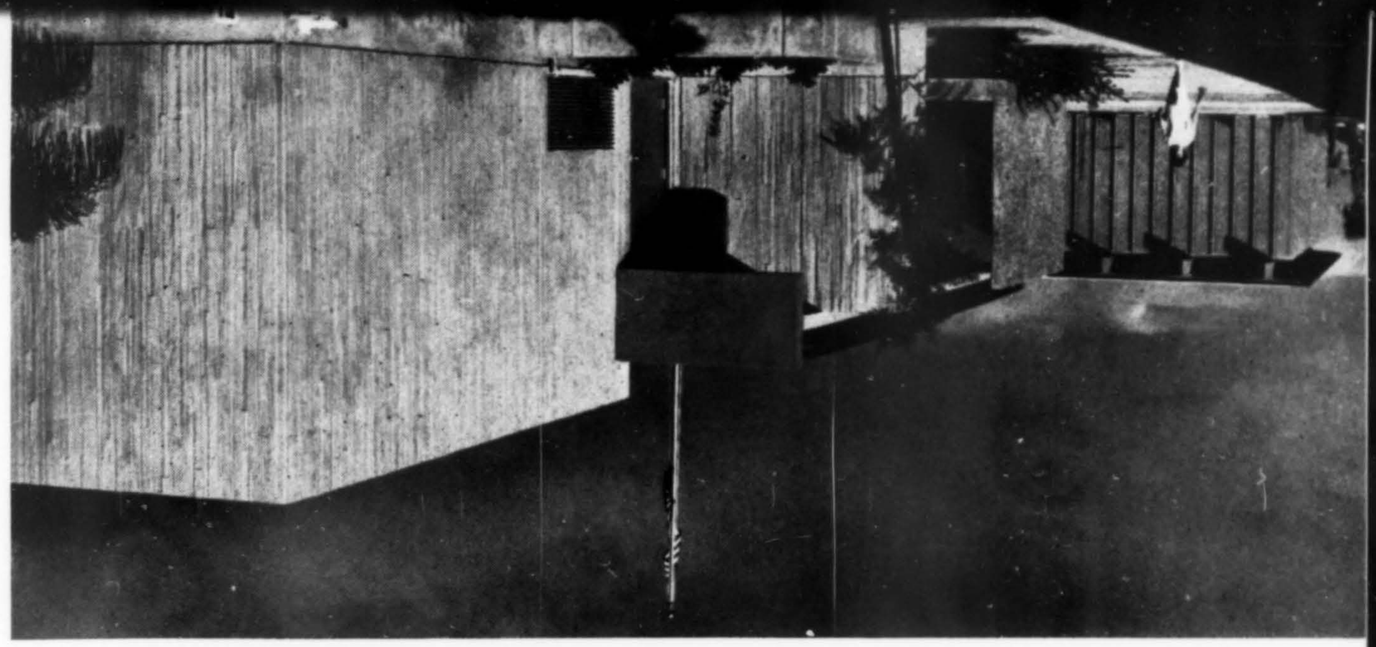
Five years later and 20,000 sq. ft. larger, Saguaro cost the same as Scottsdale's last built high school

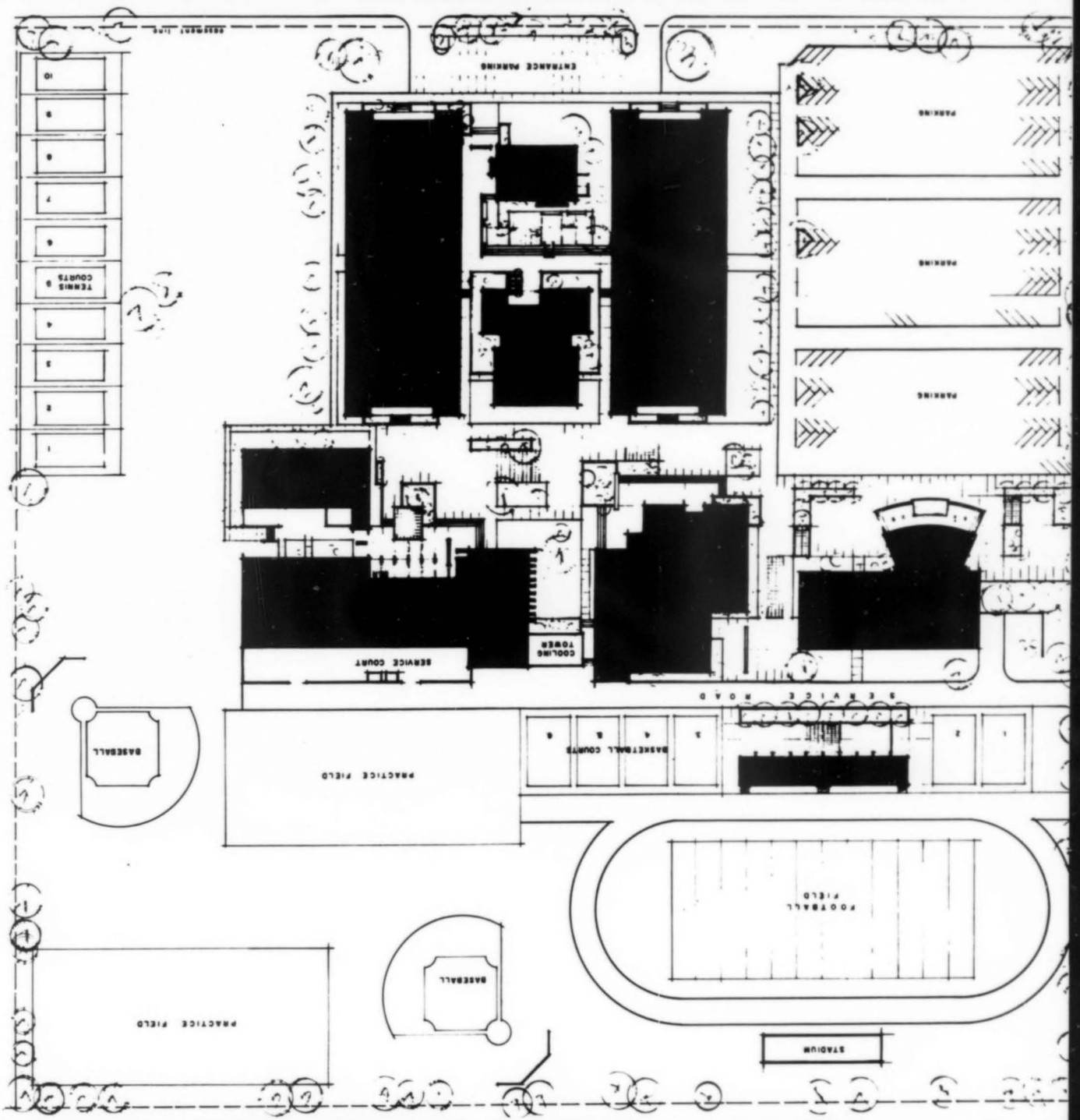


George R. White photos









SAGUARO HIGH SCHOOL, Scottsdale, Arizona

PIERSON, MILLER, WARE and ASSOCIATES, Architects, AIA

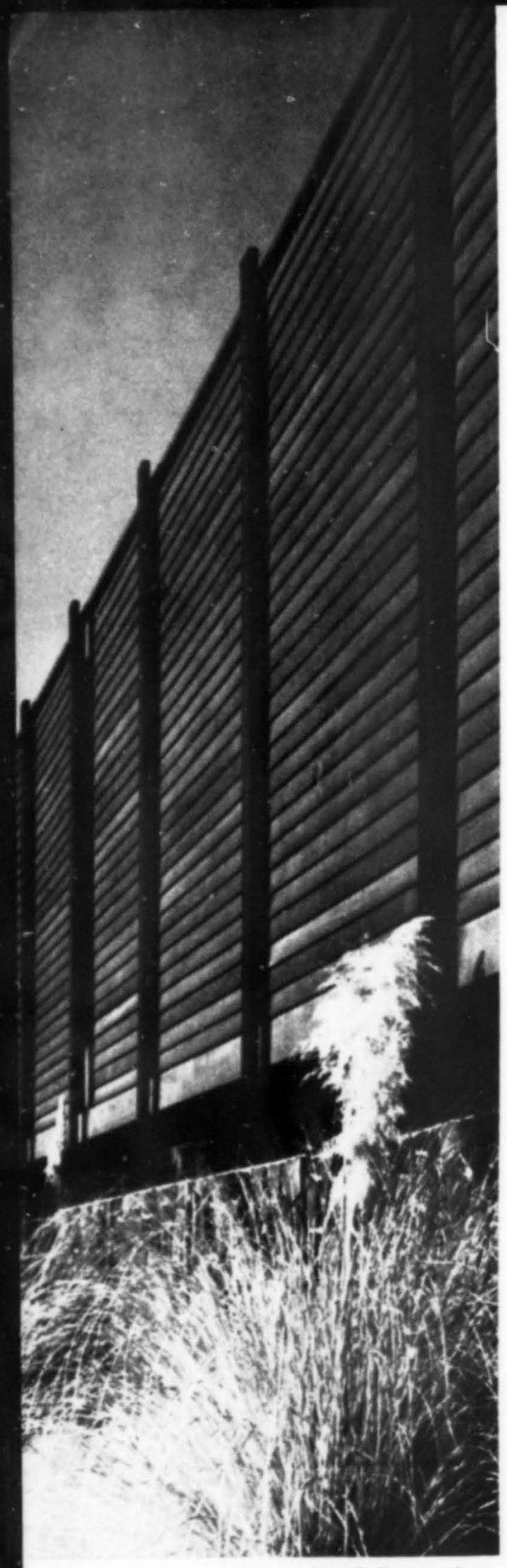
. . . little drops of water

AN ARCHITECTS' OFFICE BUILDING

JOHNSON-AUSTIN ASSOCIATES/Tacoma, Washington

DONALD B. O'NEILL/Contractor

CHAFFEE-ZUMWALT ASSOCIATES/Landscape Architects



Jini Dellaccio photos

SECOND FLOOR PLAN

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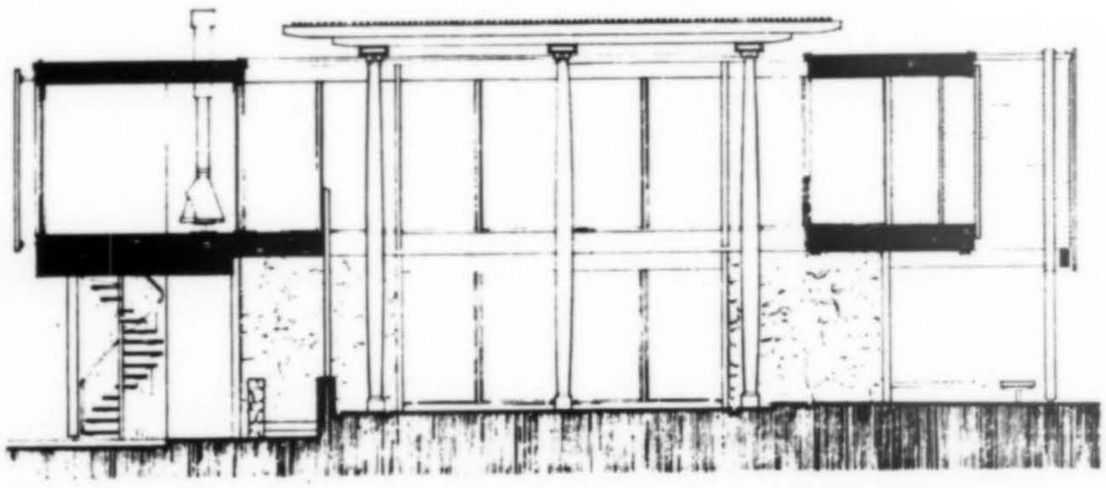


To THESE ARCHITECTS the preservation of the camaraderie of working together, in the public eye, was the most important factor in an office concept of one large room. Since total privacy has never been a requirement in their practice, the need of a conference room was eliminated, although the principals have private offices.

To allow for rental space on a small site while providing light, height and space, the building is two stories. The immediate conditions of surrounding properties dictated that almost all views should be turned inward. The drafting room receives all north light, other offices have southern exposure. A secretarial work corridor hides busy-day functions. A heavy emphasis was placed on the use of wood in both structural form and in refined detailing. Stone is Oregon basalt. Casework is a combination of Monitor, Thinline furniture and custom movable and detachable layout boards.

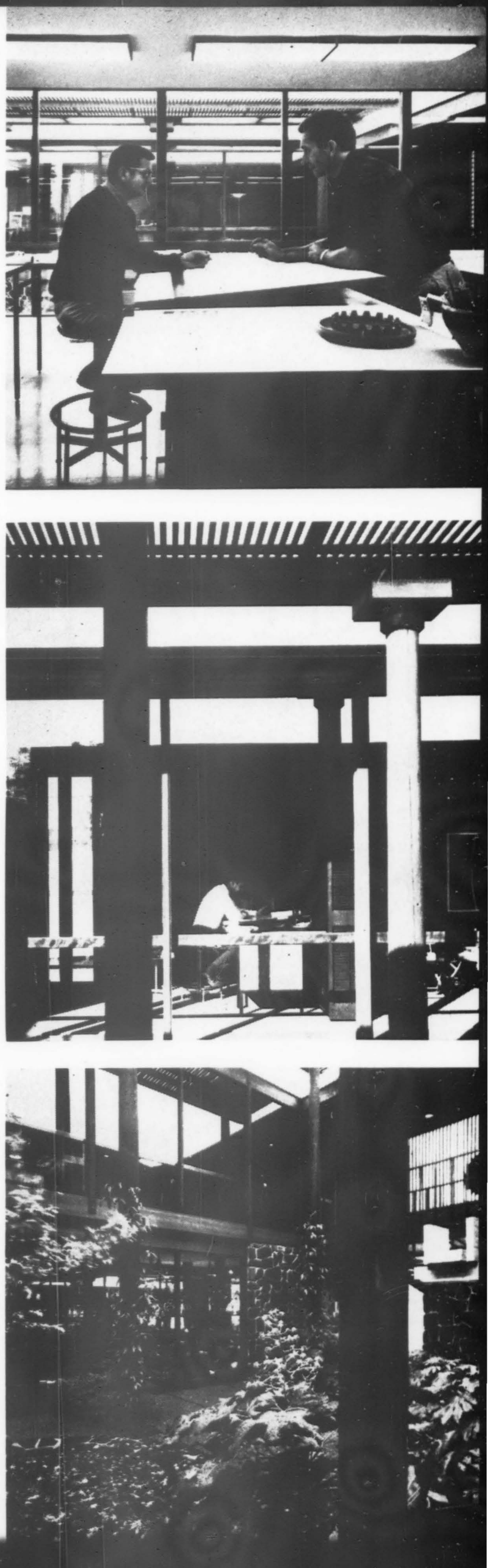
Principals of the firm are K. Walter Johnson and John V. Austin, both graduates of Washington State University. Duane Berg, associate architect (North Dakota State), joined the firm in 1959. Other staff members are Mike Fogde and Chad Kirk (both BA, University of Washington); Lynn Messenger (MA, urban planning, University of Idaho); Elmira Hunter (BS architecture, Hampton Institute), and Elyse Stoner, executive secretary. The firm maintains an active practice in Washington, Oregon and Alaska. Work is varied including all types of structures, and land planning.

While the building seems almost too pristine to use (how *does* it look after an all-night charette?), perhaps time will enrich it by use . . . a use that seems already happening. Some 100 students regularly use the interior court, steps, benches to take a break in late afternoon or evening. This was as intended: a structure enjoyable to the occupants and to the public.

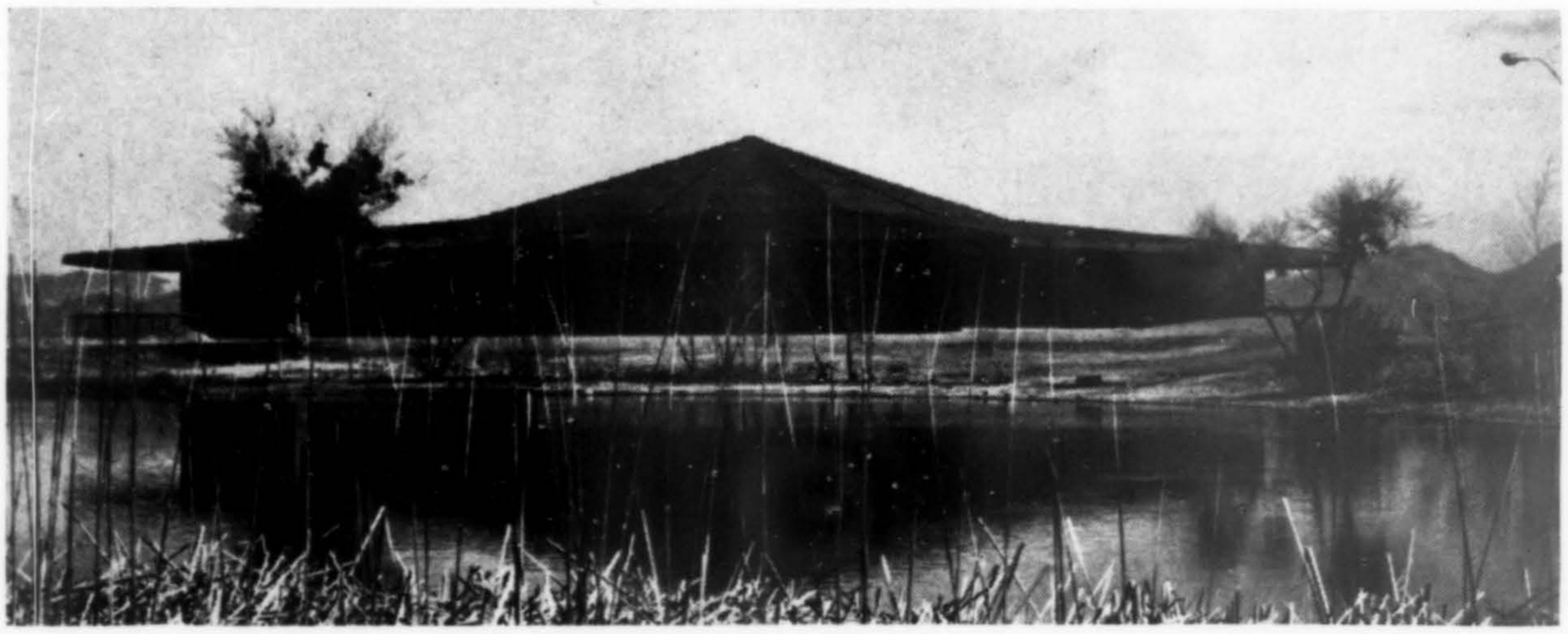
Equivalent building area is 5800 sq. ft. (including covered porches at one-half). Cost of $85,000 covered landscaping, parking and furnishing. A gift shop and interior design studio on the lower floor is operated by the architects ("lots of fun but hardly profitable"). The building was accorded an Honor Award in the 1966 Southwest Washington Chapter, AIA, competition.

AN ARCHITECTS' OFFICE BUILDING

JOHNSON-AUSTIN ASSOCIATES, Tacoma, Washington



VICTOR VALLEY COLLEGE | Victorville, California



Structural Engineer | HILLMAN & NOWELL

Mechanical Engineer | JOHN DENTON

Larry Frost photos

WITH THE MOUNTAINS as a backdrop, with the buildings loosely grouped around a man-made lake, Victor Valley College should have more than its share of amenities for living (and studying) in the desert. Such community colleges are springing up over the West—the rest of the country, too. Many of them follow a modified "campus plan." Residential in scale and residential in building relationships (akin with the bulk of single-family housing in American suburbs), these community colleges follow in the tradition of Foothills College by Kump and Masten-Hurd. A visit to Foothills College today reinforces its really strong contribution to college campus design—its site plan. The buildings do not *sprawl,* they are linked with the undulations of the site and its plantings into a *tightly-knit* scheme. True, Foothills has the trademarks of shingle roofs and wood construction for home away from home, but the real lessons are in its variety of outdoor spaces. its sensitive modeling of the land forms—in fact, the use of land to meld all into one cohesive form. —AOB

THE FIVE initial single-story buildings are for administration, commerce, science and engineering, a library and an all-purpose recreational facility that includes shower and locker accommodations. The master plan for the college calls for a total of 15 buildings, plus gymnasium. When completed, the buildings will encompass the man-made lake located on the site.

Prime consideration was given to materials used in the construction of these buildings. The hot, dry desert climate resulted in the selection of concrete block exterior walls and cast-in-place Bermuda Roofs in order that maintenance be kept to a minimum.

POWELL, MORGRIDGE, RICHARDS & COGHLAN | **Architects**

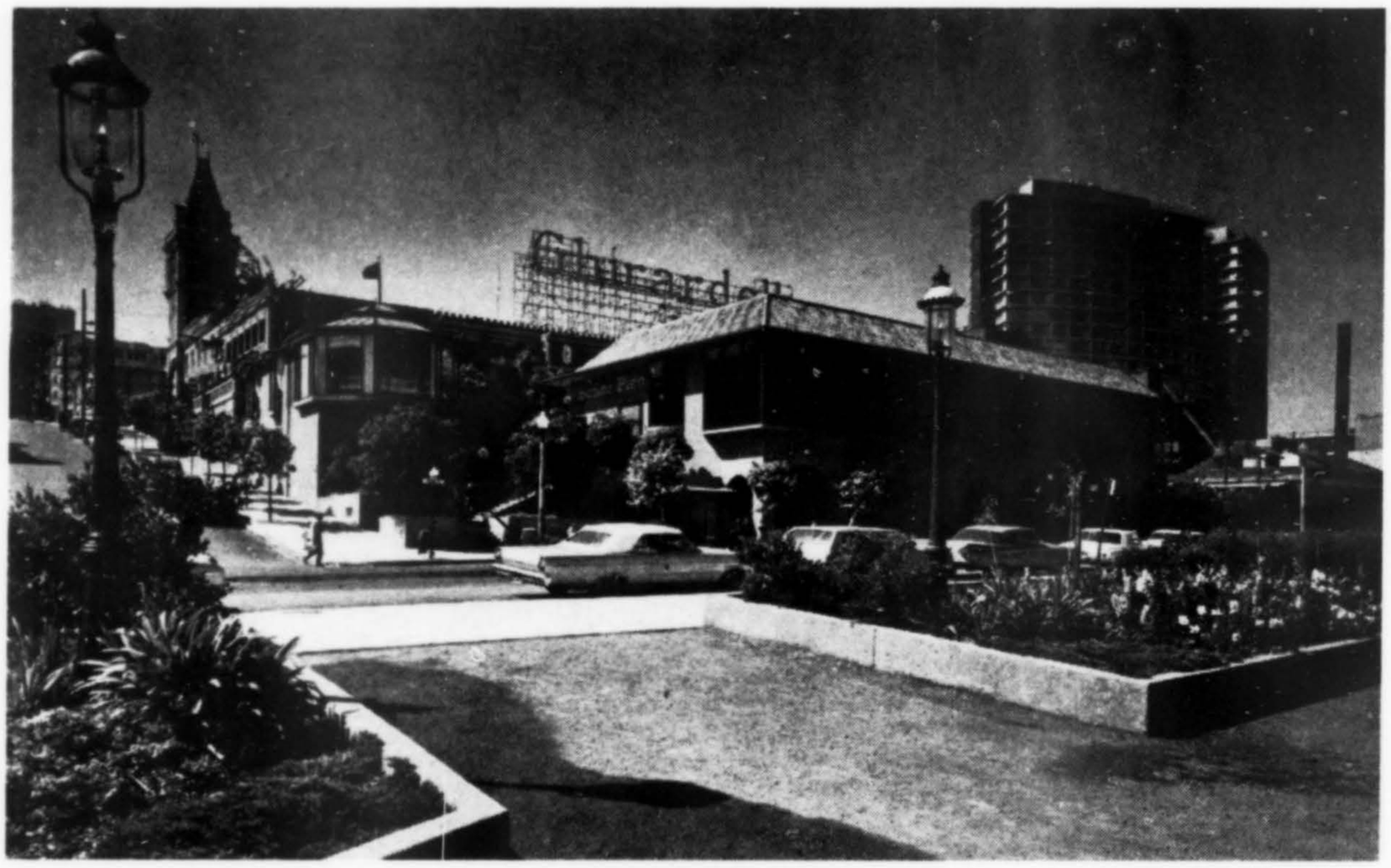
Contractor | MANDERBACH CONSTRUCTION COMPANY

Built 1964-5 at cost of $1,653,000 ($19.26/sq. ft.)

A Walk Through

1 Take the Powell Street Cable Car to the end of the line. If the fog from the Bay is too invigorating, shelter is available in the circular pavilion.

The setting is incomparable—from the beach one looks north across San Francisco Bay from which juts the rock of Alcatraz. 2



3 Immediately across the street is GHIRARDELLI SQUARE. Converted from an old chocolate factory, this complex of shops and restaurants is an object lesson for us all. Fortunately, even chocolate factories were once built with enduring quality: the hardwood floors, the sound structure, the careful brickwork of the solid walls.

4 A major entrance is up from the street corner. New buildings, sympathetically designed and sited, wall the north side of the interior square.

5 On a warm Saturday afternoon, the central open space, with its simple water display, throbs with activity.

Ghirardelli Square | Summer of 1967 in San Francisco

WURSTER, BERNARDI & EMMONS Architects

6 & 7

From the open square and to the south, three balcony tiers open up. There two good restaurant-bars with plenty of outdoor dining space and good food invite us. From these outdoor galleries, one can go into the shops stationed in the old chocolate factory proper. At the base level, Ghirardelli operates an ice cream parlor (along with a demonstration of chocolate manufacture) that should double their market—it's that good!

8 & 9

The balcony levels operate much like an opera house. From here, one can survey the Square below and on out to the Bay. A balmy afternoon may bring out 500 performing sailboats in the near distance. At the east end of the Square, we see the top of the information kiosk. Beyond it are stairs up to the west coast branch of Benjamin Thompson's delightful Design Research. Anchors for the other end are a bookstore and a shop for children's togs and toys.

Hugh N. Stratford photos

10 Stairs and balconies knit together the south side circulation. (Topside is a theater.) Thoughtful attention is paid to plantings, tubs of flowers in bloom, good housekeeping, excellent but lively signs (good graphics throughout). Obviously, it is an economic success as well, for Wurster, Bernardi & Emmons' design team has under renovation a large second phase which would appear to almost double the available space. Whether you're

11 an architect about to plunge into urban renewal or looking for the good life for a Saturday afternoon, Ghirardelli Square is a four-star attraction in my guide book! AOB

First stage urban design and development study

DENVER SKYLINE URBAN RENEWAL AREA (MAY 1967)

Design Consultant

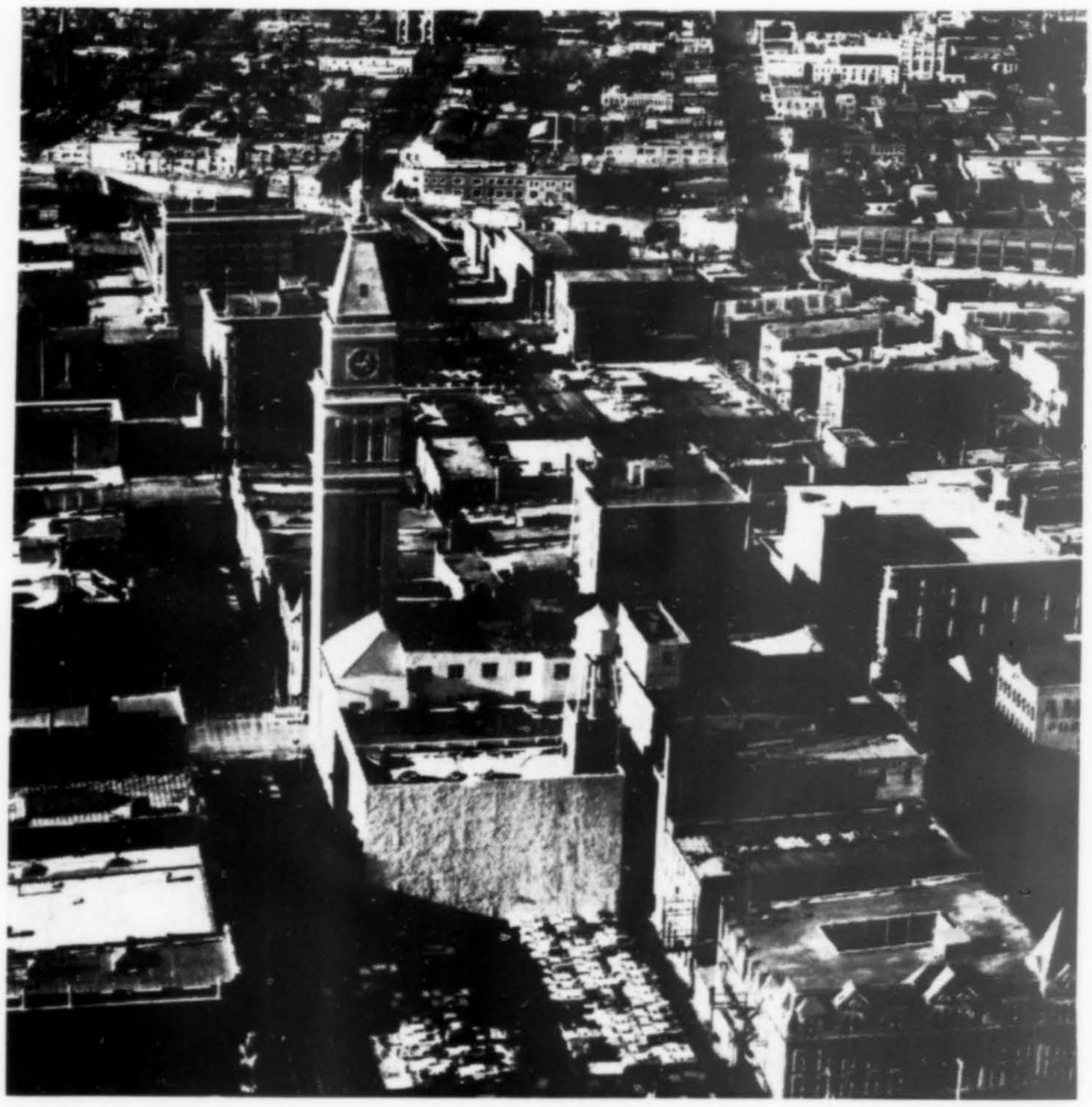
BAUME, POLIVNICK & HATAMI
Architects, AIA
Denver, Colorado

Special Consultant

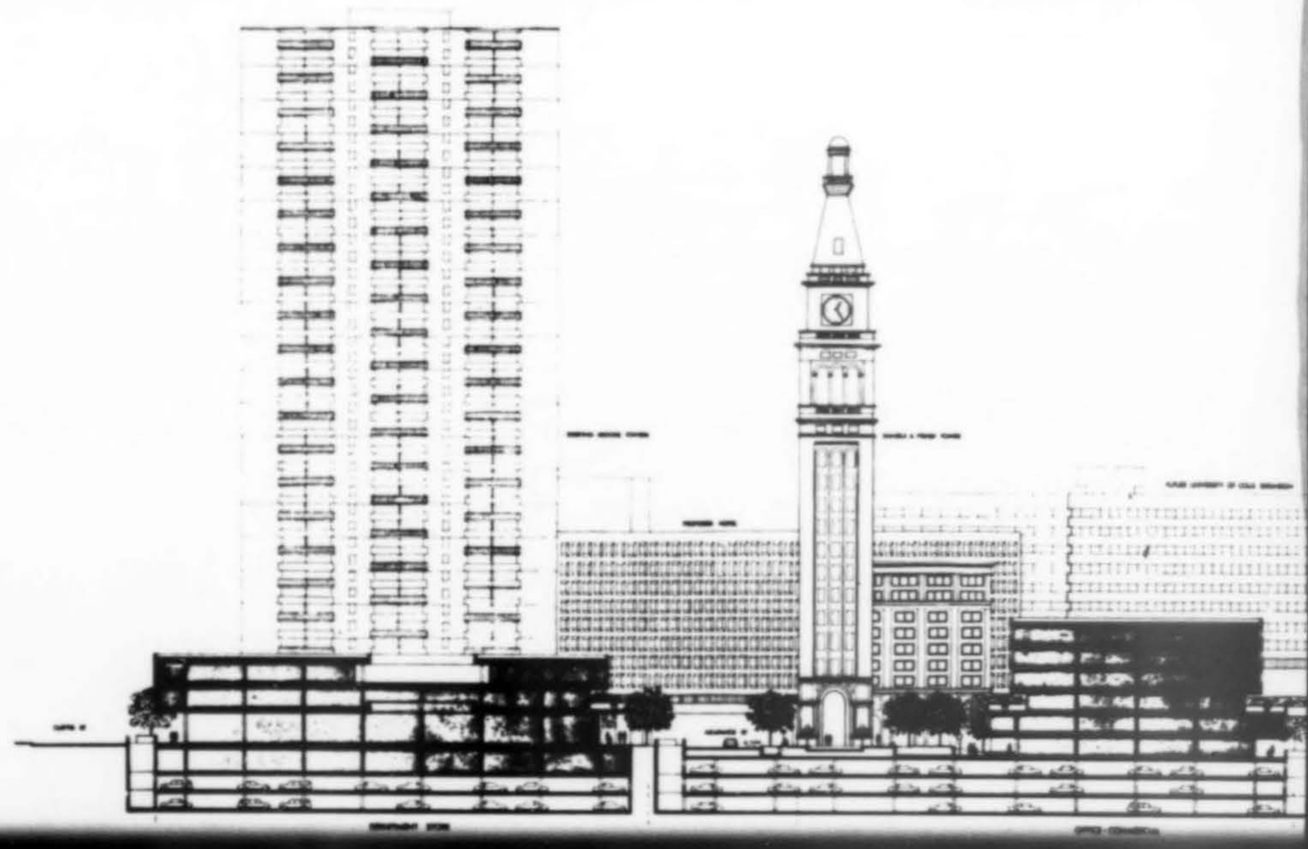
SASAKI, DAWSON, DeMAY ASSOCIATES, Inc.
Watertown, Massachusetts

THE SKYLINE project is a 37 block area of 157.7 acres within lower downtown Denver. Skyline is part of a core area serving an expanded Metropolitan area that is expected to reach a population of 1,270,000 by 1970.

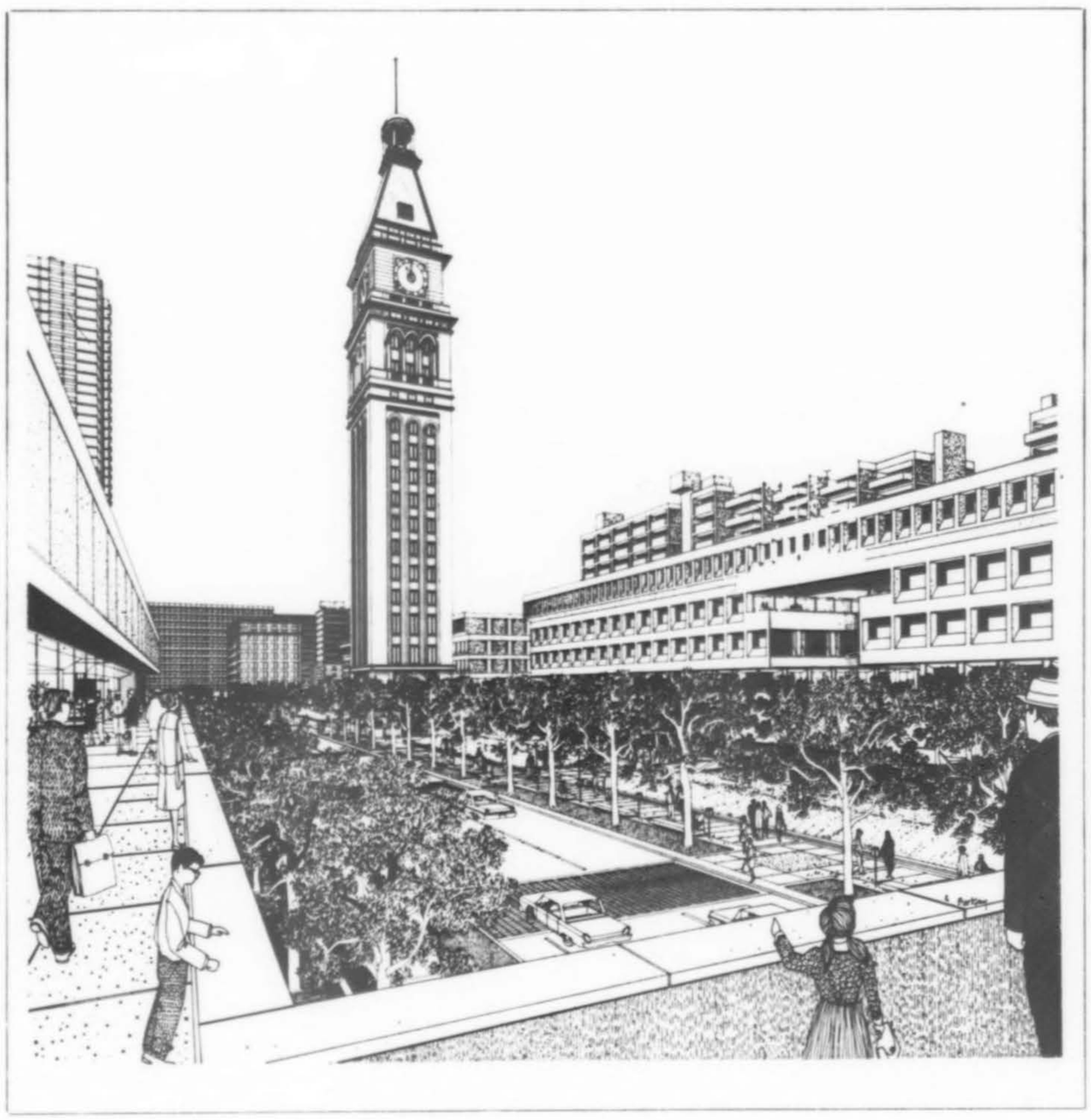
Activities of wholesaling, distribution, light manufacturing, transient and residential, combined with all-day surface parking make up the character of the area. Although Skyline was originally the core of the city, the major generators of retail activity have moved up 16th Street to the southeast, leaving a void of vacant stores and deteriorated buildings. Several older structures within the area such as the Daniels and Fisher Tower, Granite Hotel, Larimer Square, and the old Tramway Power Plant have architectural qualities and significance that are worthy of saving in continuity with the past.

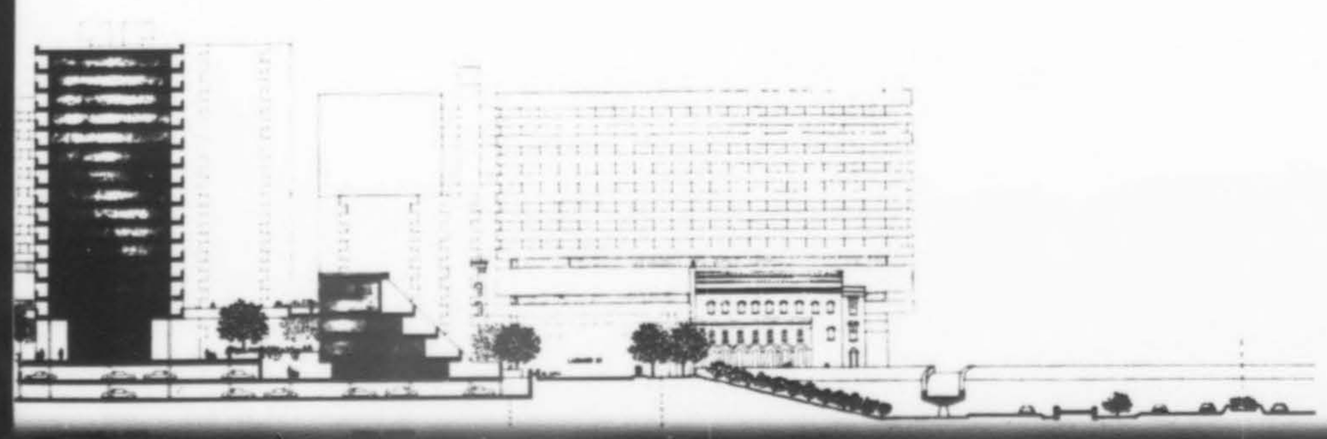


Roach photo



Milmoe photos unless otherwise noted





Design Objectives

(This graphic presentation does not prescribe detailed design solutions but sets forth goals, principles, and standards for the execution of the project. These design objectives should be used as a basis for the preparation of disposition documents as well as for design review of developers' proposals. The disposition documents should contain supplemental objectives wherever necessary.)

Conceptual Design Objectives

–To extend the existing core area to a fully landscaped linear park which will commemorate an important landmark (D&F Tower). This extension will enlarge and strengthen the function of the core area as a unified regional shopping and business center.

–To create a greenbelt by virtue of the proposed Skyline Parkway on the Northwest boundary linked with Cherry Creek and Speer Boulevard on the Southwest boundary of the project area.

–To create a sense of containment for the downtown area by the proposed uses which suggests locating the highest building at the NE & NW edge of the project area next to the greenbelt.

General Design Objectives

–Elimination of surface parking, wherever possible, through the provision of underground parking, use of parking structures, elimination of curb parking, with landscape screening required where surface parking remains.

–Separation of vehicular traffic from pedestrian activities.

–Provision of civic open spaces as well as small intimate spaces.

–Establishment of an orderly and aesthetically pleasing streetscape through elimination of uncoordinated business and municipal signs, and relocation of utility lines and equipment.

–Control of building density and height should be encouraged to insure proper utilization of land and the procession of the building masses to improve and contain the visual impact of the cityscape.

Development Plan and Land Use

The basic functional and physical design of the proposed development plan is based on the recommended land use and density by the real estate consultant and revised by the planning department of the Denver Urban Renewal Authority. In general, the plan is of a medium density character.

The Skyline area has been organized in six major land use districts:

A residential area at the edge of the Skyline Parkway.

A central business and commercial district core around the linear park for intensively developed prime retail office and related service uses.

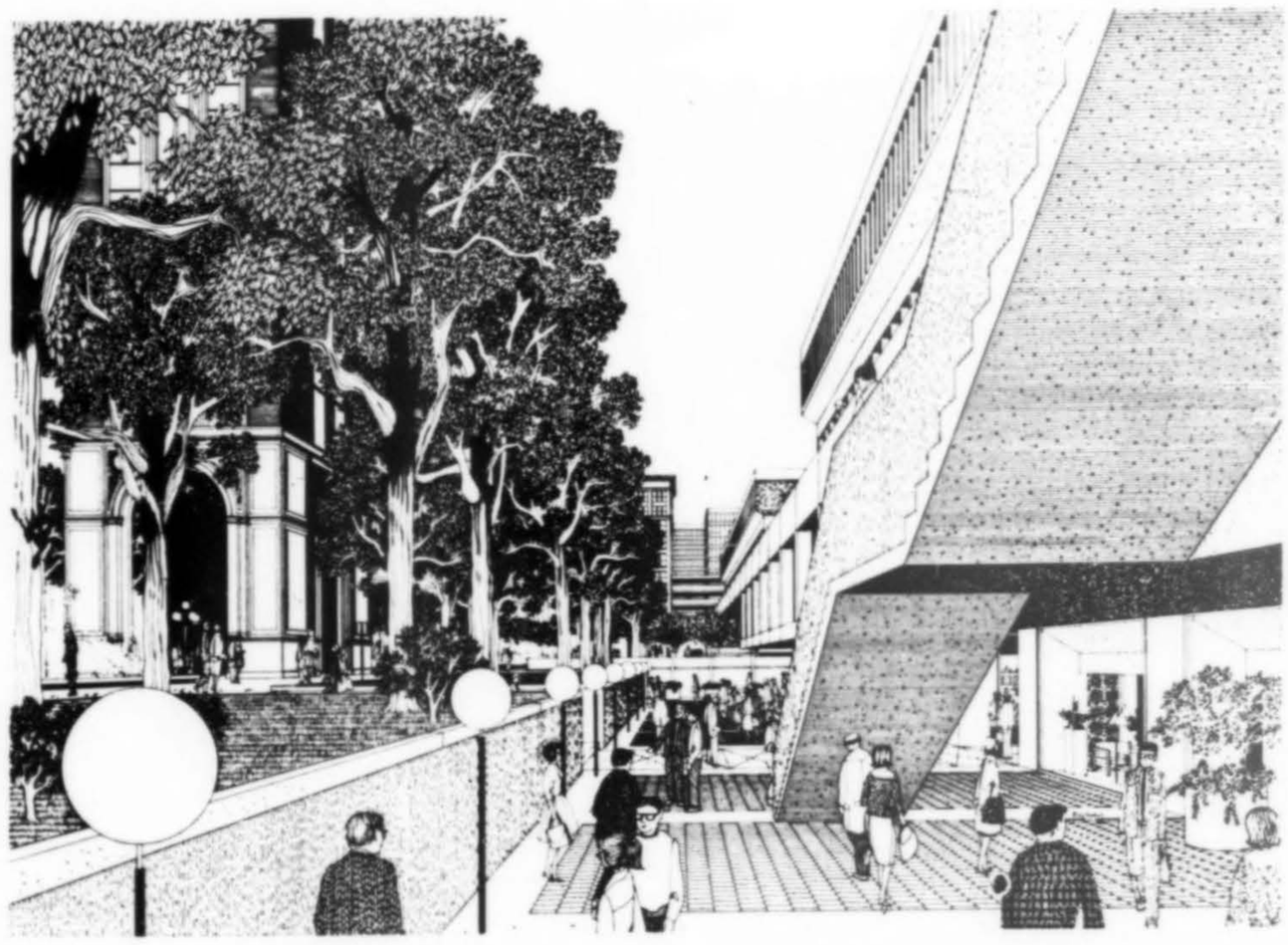
A University district adjacent to Speer Boulevard providing expansion of the present University of Colorado Denver Center.

A transient facilities area incorporated with parking structures adjacent to the University area and the Convention Center at the west side of the project area.

A light industrial and commercial district at the east side of the project area.

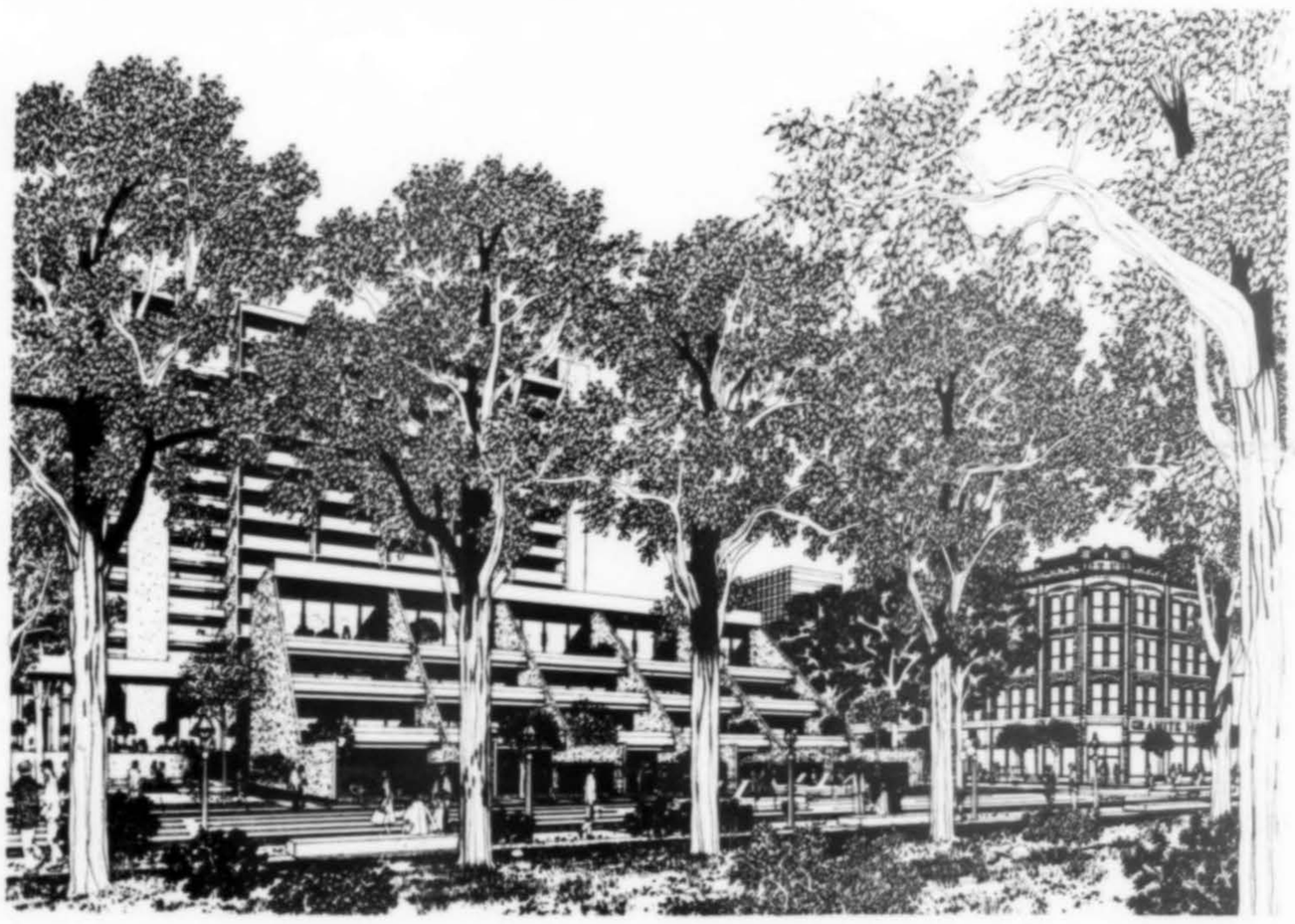
Circulation

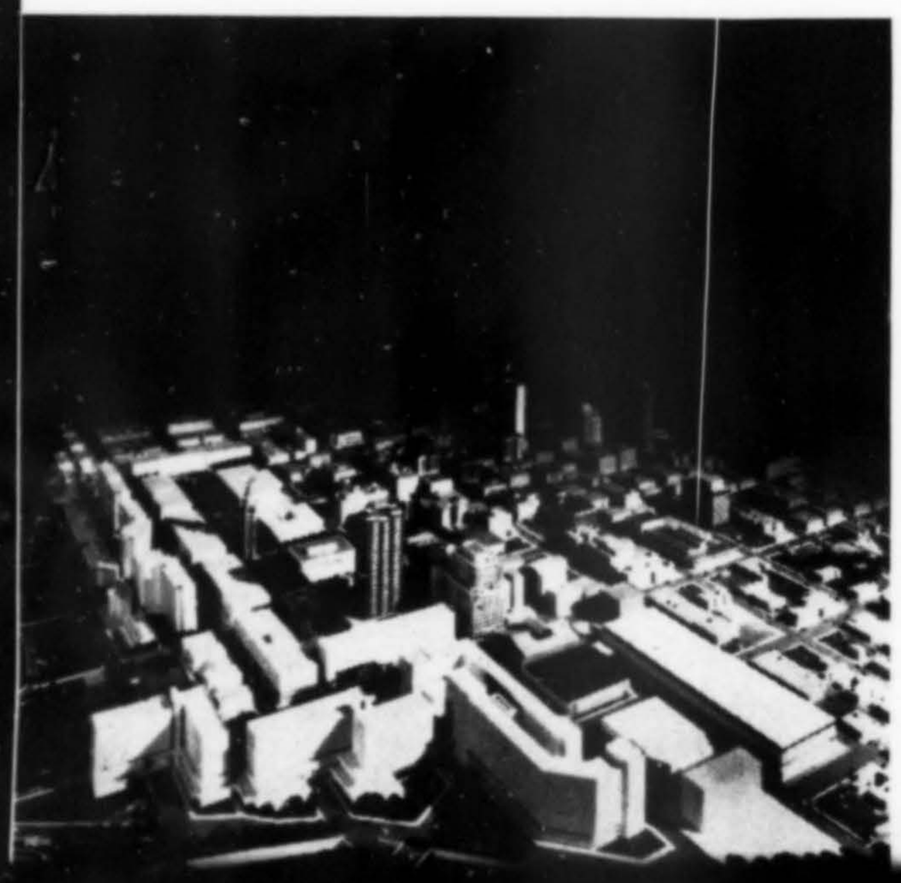
The basic objective of the circulation system is coordination of pedestrian and vehicular traffic. Since the Skyline vehicular area is just a small segment of the core area which is served by an alternating one-way grid system typical of the downtown area, no circulation changes can effectively be made without effecting the remainder of the core area and consequently no major changes in the circulation system are being proposed until a thorough and comprehensive study by a traffic consultant can be made.



View of lower promenade at Commercial area adjacent to linear park

Residential area adjacent to Skyline Parkway





DENVER SKYLINE URBAN RENEWAL AREA - May '67

STRUCTURAL DESIGN **NEWS**

FROM BETHLEHEM STEEL

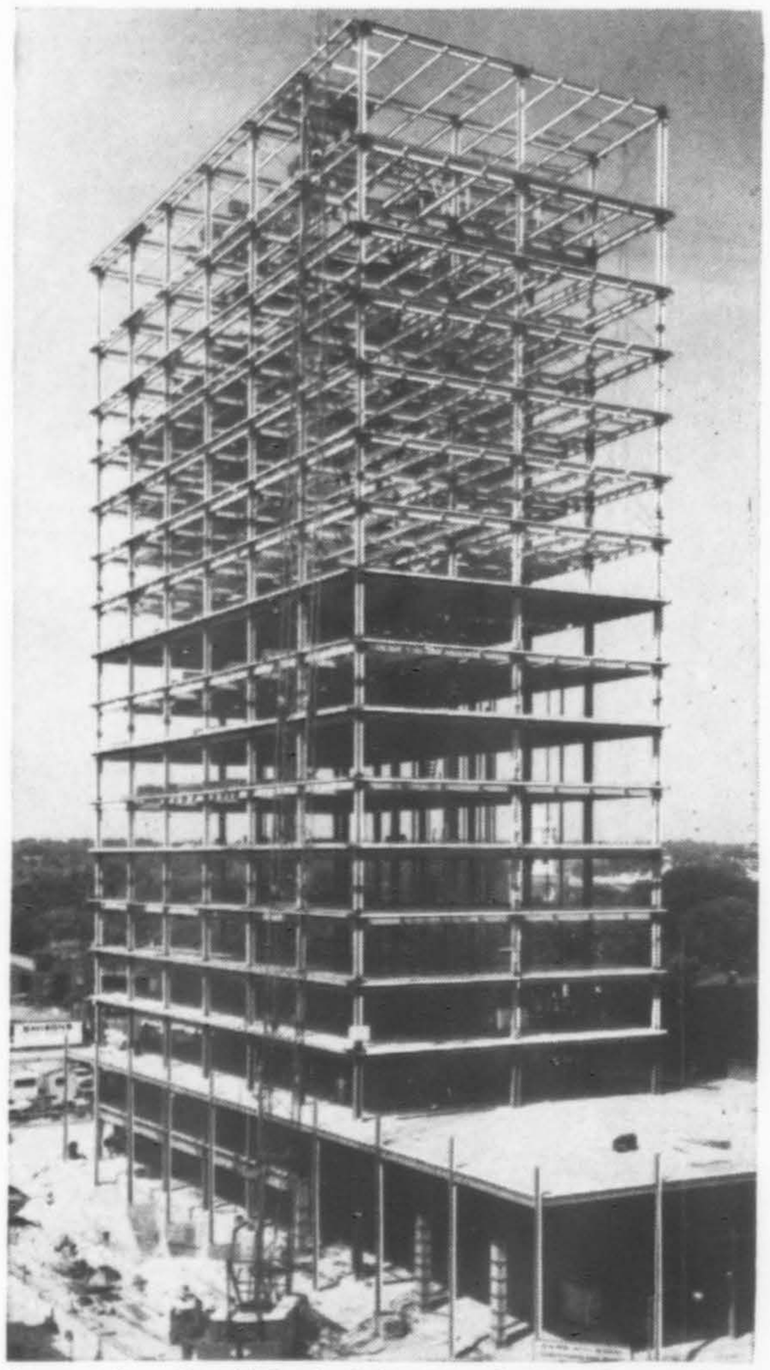
No. 21

More economical, high-strength steel frame . . .

. . . by using Bethlehem V50 steel (50,000 psi minimum yield point) for the tower columns, and ASTM A36 grade elsewhere

The Georgia Railroad Bank & Trust Company main office building is the first multi-story office building to be constructed in downtown Augusta, Ga., in 50 years. The 17-story structure, costing more than $5 million, is Augusta's tallest building.

Of the 1,524 tons of steel used in the framework, 372 tons are Bethlehem high-strength V50 steel. The decision to use V Steel in the all-welded structural frame was based on cost studies of various framing schemes by the designers. Compared were Bethlehem's V Steel series and ASTM A36 steels. The analysis showed that V50 steel was most economical for the columns.



In erecting the V50 steel tower columns, ironworkers made splices at every third floor 4 feet above the floor line. This provided a convenient welding position at a point of low bending moment. Beams carrying wind loads are welded to columns.

Framing Plan

The framing for the typical tower floor has a column module of 24 feet by 32 feet with an overall dimension of 144 feet by 64 feet. The frame has seven wind bents at 24 feet spacing in one direction and two wind bents at 64 feet spacing in the other direction.

Filler beams are spaced at 8 feet and span in the 24-foot direction. The two-story base is 216 feet by 100 feet.

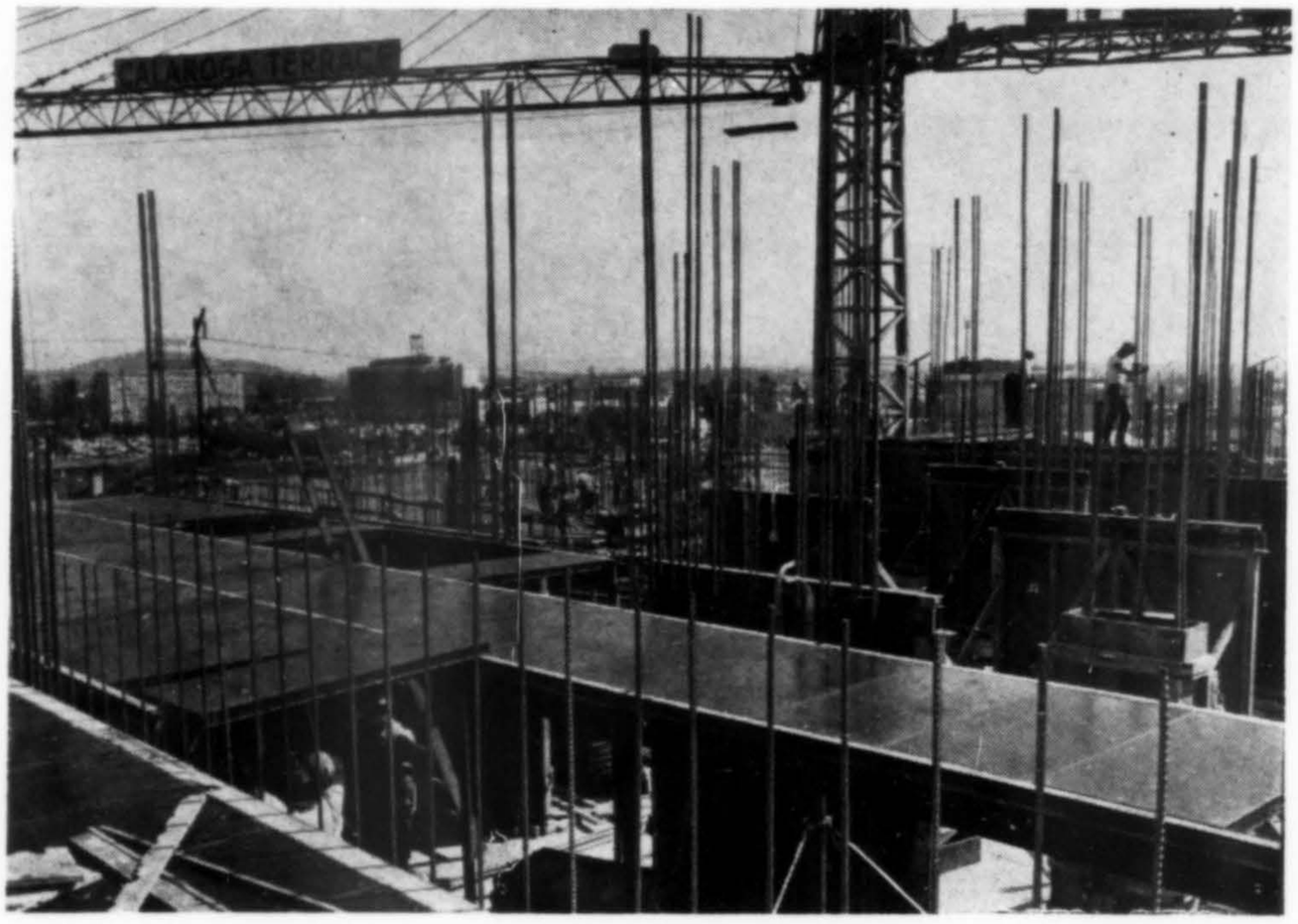
Three-inch steel floor deck is being used for all floors except the first floor. A blend system of cellular decks and steel decking provides for electric and phone service.

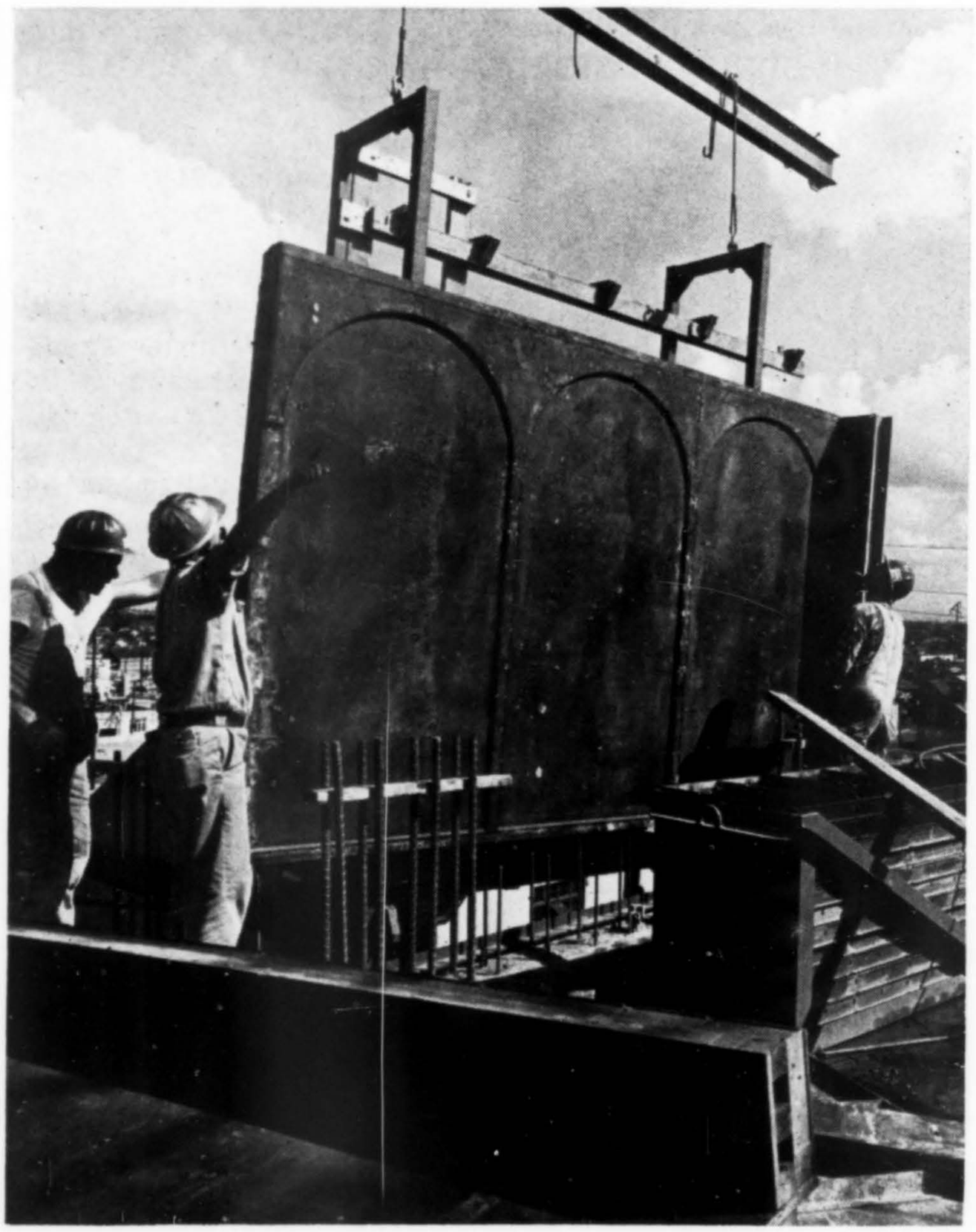
Project Design and Management: Patchen, Mingledorff and Associates, Augusta and Atlanta, Georgia. Consulting Architect: Robert McCreary—William Hughes, Architects, Augusta, Georgia. Space planning consultant: Patrick McGinn Design Associates, Atlanta, Georgia. General Contractor: Norair Engineering Corp., Washington, D.C. Steel Fabricator: Ingalls Iron Works Company, Birmingham, Alabama. Steel Erector: Williams Enterprises, Inc., Merrifield, Va.

BETHLEHEM STEEL

BETHLEHEM STEEL CORPORATION, BETHLEHEM, PA.

Products in Action:





ONLY THE FORMS for archways, openings and soffits for the Calaroga Terrace project in Portland, Oregon, were built at the jobsite. Major portion of the 16-story building was formed by Symons Steel-Ply Forms at the factory. The form facing used was a special 1/2-in. high density birch plywood called Fin-Form, imported from Finland. This particular facing creates a dense, paintable concrete surface.

Leon Stinnette, project manager for Beck-Utah, a joint contracting venture between Utah Construction & Mining Company and Henry C. Beck Company, said the chief advantage of the factory forms was their versatility. The same panels which formed the building foundation and lower walls were reused on the first three floors, on which other than standard construction was implemented. Forms were then ganged for use on the upper 13 floors, all the same. Gang sections up to 8x24-ft. were used on the exterior walls as well as forming walls at the stair wells and elevator shafts. They were also used with Slab Shore framing and support shores to form floor slabs.

The Slab Shore System permits form stripping 24 hours after a pour. Steel stringers, carrying the prefabs, remain in position, supporting the floor slab. The three topmost floors were shore supported, giving the concrete ample time to gain strength. A small movable ledger, which carries the prefabbed form ends at the stringers, retracks 2-in. with one pull from a special tool. This drops the prefab with enough room to permit lifting out.

Special scaffold brackets, hanging from the exterior wall form gangs, provided a safe work platform. These hangers were attached to the gang form throughout its working life, moving with the gang form as it was jumped to the next level.

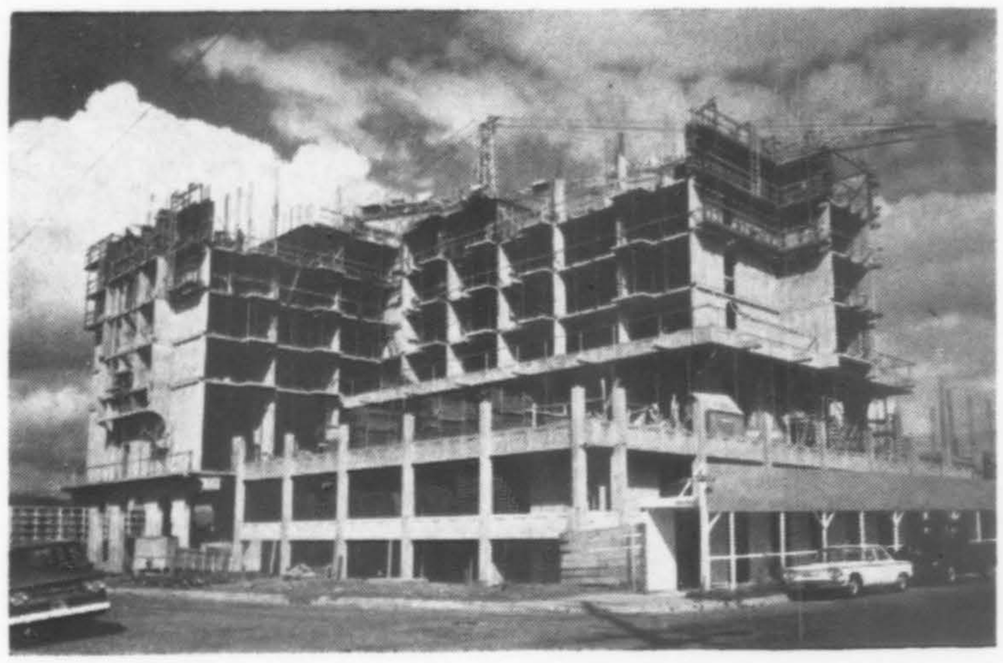
Cost-cutting advantages of the factory prefabs: carpenter labor was cut since forms were ready to set when they arrived on the job, a tighter work area was allowed, and there was no "end-of-the-job" bonfire that usually accompanies a build-your-own-framing program.

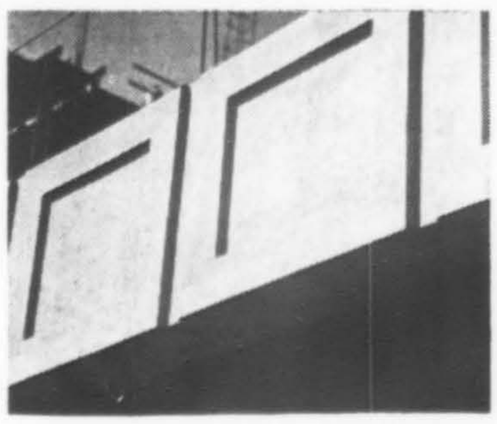
CALAROGA TERRACE
Portland Oregon

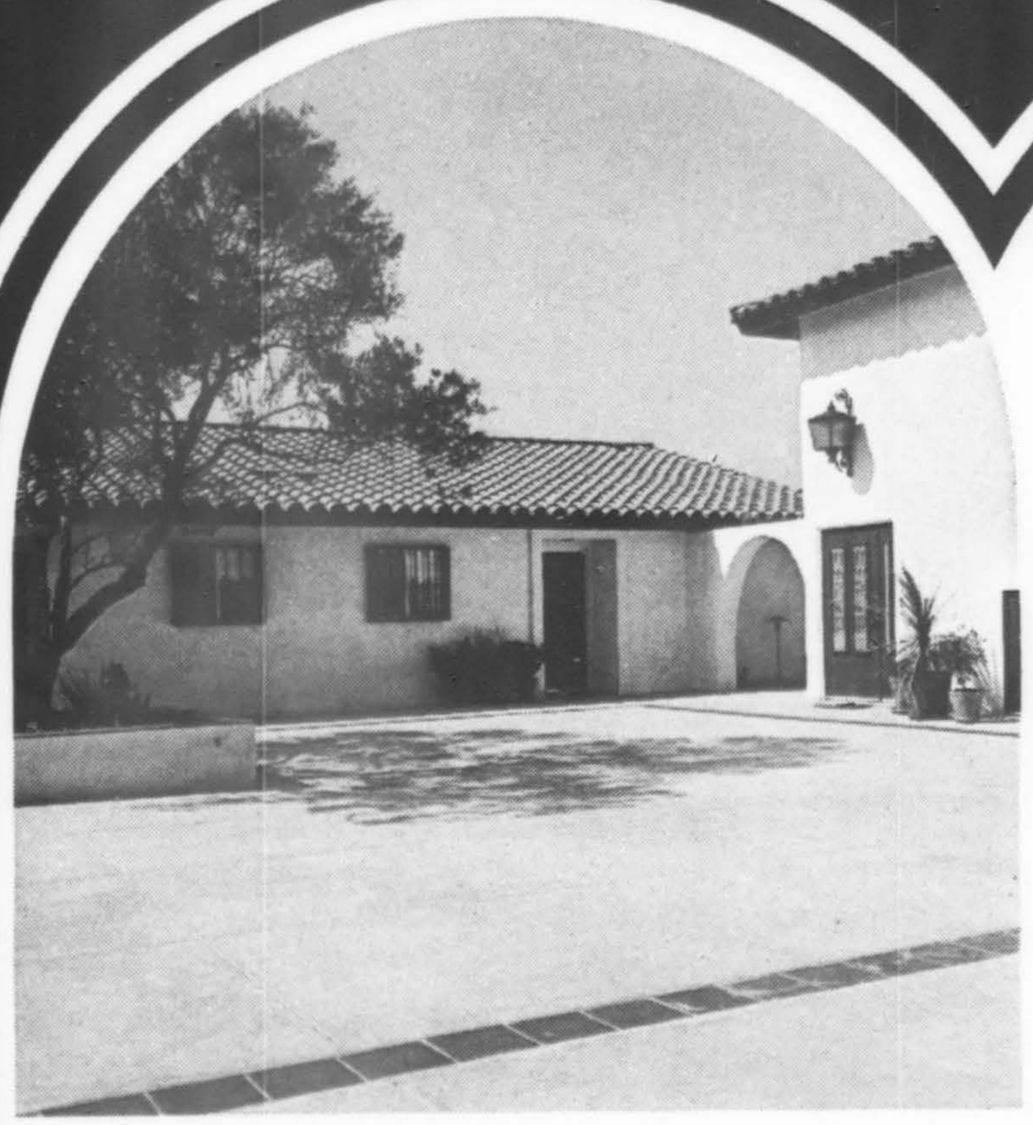
BECK-UTAH
General Contractor

SYMONS PREFABRICATED FORMING SYSTEM

In addition to the special form lining, several ingenious ideas were instituted. Use of 0.75-in. Fin-Form plywood, nailed to the regular Symons Steel-Ply panels, to develop decorative cutouts, scoring and other architectural effects (Fin-Forms were bevel cut at the job site, then nailed to the forms with the resulting blockouts forming the fancy work). A time-saving system of jumping exterior wall gang forms from floor to floor with accuracy was accomplished by fastening a longitudinal steel channel iron to coil tie ends, holding a 6x6-in. precast concrete drip beam in position at each floor. When the form was stripped, the channel iron was removed and moved up to the next level, checked for line and grade, and bolted in place.







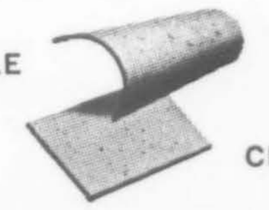
At
Rancho Bernardo...
there is no compromise
with quality

THE SPECIFICATIONS CALLED FOR GENUINE CLAY MISSION TILE

Rancho Bernardo, in San Diego, was a Spanish land grant, and this rich heritage inspired its architectural theme. Typical is the use of red mission tile on the handsome Bernardo Villas. Neither beauty, quality nor authenticity was sacrificed, for Frank L. Hope and Associates, architects and engineers, specified only genuine clay tile—from the kilns of San Vallé. After all, **if it isn't clay...it isn't tile.**

San Vallé TILE KILNS
Since 1898
Representative for Ludowici-Celadon Quarry Tile

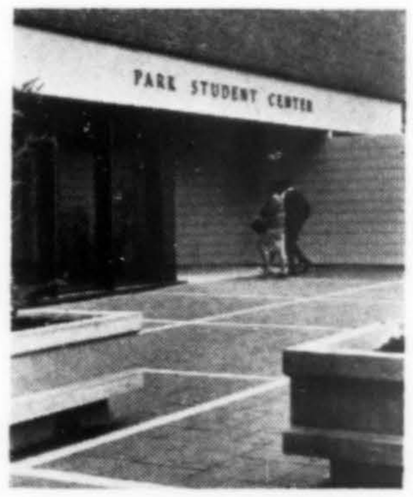
MISSION TILE



CLAY SHINGLE

1258 NORTH HIGHLAND AVENUE, LOS ANGELES, CALIFORNIA 90038 • TELEPHONE (213) 464-7289

Sun shades and panels pre-assembled



WHAT DO YOU do when you have a $260,000 kitchen? You build a five-story building around it. That is, if you have 5,000 students to be fed.

The initial phase of the Park Student Center houses dining facilities for 1,500 students, at present, and a 24,000 volume bookstore, an annex to the main bookstore. Two floors and a partial basement (for mechanical equipment) have been completed with expansion planned to five floors when needed.

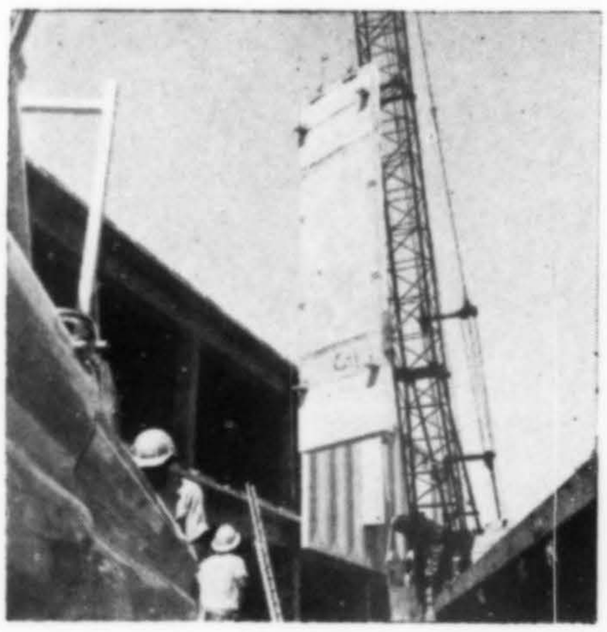
Basic frame of the building is concrete with cast-in-place concrete panels and brick. The floor system is single concrete tees, 43-ft. and 60-ft. long. The 60-ft. units roof the L-shaped dining room. This is the first building on campus to use concrete tees as a structural unit.

Exterior curtain walls are a light, salmon-colored exposed aggregate, 5′4″ wide x 20′ high, precast by Buehner & Company in Mesa. The L-shaped sun shades were precast as separate units, then bolted and grouted in place on the curtain walls, as a completely assembled unit, prior to shipping from Phoenix, 120 miles away.

The lower walls are set back to expose the square column elements which extend to the top floor. These columns have threaded reinforcing bars at the top, capped to allow easy access for continuing the planned additional floors.

Only 11% of window space was allowed in relationship to the wall area, providing for a needed conditioned environment in the Southwest. The present 35,000 sq. ft. structure, built at a cost of approximately $627,000, has about 17,000 sq. ft. on each floor.

Exposed aggregate curtain wall units were precast, then bolted and grouted in place to form L-shaped sun shades. The panels are fastened to the building by steel weld units. Interior arched stair columns support two-way stairs leading up to dining floor.



PARK STUDENT CENTER, University of Arizona, Tucson

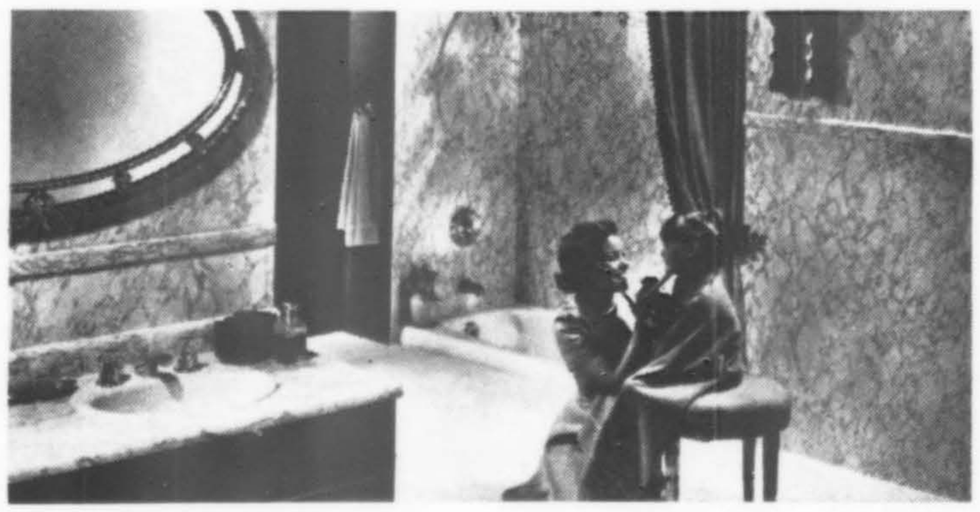
BECK, EDSON & GOLDBLATT, Architects

THE ASHTON COMPANY, Contractors-Engineers

TRACERY COLLECTION of FRANCISCAN TILE is a new series of soft, dimensional colored textural effect created by fine vein lines of more intense tones of the basic background color fused into the glaze. Colors are either of a semi-matte glaze or combination of semi-matte and bright glazes with an additional contrasting color. The tiles are recommended for use on drainboards, decks and light-duty residential floors as well as walls. Colors include Chablis, Hemp, Moss, Bone, Blush, Curry, Thunder and Dorado.—International Pipe & Ceramics Co. (A/W), 2901 Los Feliz Blvd., Los Angeles 90039.

MOUNTING BRACKETS and FASTALL[tm] construction fasteners are said to make possible a systems approach for locating electro-mechanical raceways and sharply reducing on-site installation time. Originally developed for use with the Inland Steel Products Modular Building System, the Fastex design is suitable for standard industrial uses. Brackets come in two basic parts: base mounting bracket and a pipe anchor. The design is self-attaching and requires no additional fasteners.—Fastex Division (A/W), Illinois Tool Works, Inc., 195 Algonquin Road, Des Plaines, Illinois 60016.

MOISTURE RESISTANT WALL PANELING has been field tested in over 500 actual installations. The paneling is made of 1/16-in. surface sheet of Formica laminated plastic, bonded to a 1/8-in. sandwich of expanded polystyrene foam. The paneling offers the



same wipe-clean maintenance as other Formica laminates. Paneling is available in sheet sizes ranging to a 5x10-ft. maximum, and in 18 colors.—Formica Corp. (A/W), 4614 Spring Grove Ave., Cincinnati, Ohio 45232.

PRESTAINED, TEXTURED REDWOOD SIDING called Noyo Factrisawn, manufactured in standard bevel, T&G and board-on-board patterns, is a complete redwood finish system. Surfacing is reversible, one side rough sawn, the other machined smooth. Specially formulated western color tones are available: Colorado Russet, Beechwood, Mesa Green.—Union Lumber Co. (A/W), 120 Montgomery St., San Francisco 94104.

EPOXY FLOOR COVERING said to be resistant to chemicals, especially the action of lactic and other fatty acids, has been developed by Steelcote. Application can be made over new or old floors. If defective, floors can be repaired according to the manufacturer's instructions and then coated. — Floor-Nu-Line 164, Steelcote Manufacturing Co. (A/W), 3418 Gratiot St., St. Louis, Mo. 63103.

VANDAL-PROOF PARK BENCHES, said to be corrosion-proof, are of pre-shaped, pre-drilled Western Red Cedar timbers permatized with Pentachloraphenor weatherproofing preservative. These are easily bolted to a vinyl-clad steel stanchion. Benches are available

in eight modular variations, with or without backs, ready for concrete installation. The benches, carrying a 10-year warranty, are marketed under the Colorbond trademark.—Colorguard Corp. (A/W), 126 East 38th St., New York, New York 10016.

REVOLVING DOORS that turn under their own power and stop at the quarterline after each use have been introduced in a new power control unit called "Revolvomatic." Activated by a slight push any place on the door wing, the unit turns door at walking speed, slows it and brings to a stop with all wings in contact with the door enclosure, allowing the door to remain closed even when in use. The "Revolvomatic" drive mechanism fits into a space 3-in. high, 8-in. wide and 25-in. long, easily concealed above or beneath the door. A separate control panel permits fast, easy adjustment.—International Steel Co. (A/W), Revolving Door and Entrance Division, 1321 Edgar St., Evansville, Indiana 47707.

HOSPITAL LIGHTING fixture designed specifically for use in institutions, convalescent homes and dormitories, is either patient or remote-operated. Called Convalaire Jr., the low-cost fixture combines a hand-rubbed walnut exterior with a steel chassis, provides

both upper and lower lighting.—Electro Systems, Inc. (A/W), 171 Minna St., San Francisco, Calif. 94105.

BROCHURES • CATALOGS • FOLDERS

Bond-Deck (AIA 19-B-3): describes various grades available of Bond-Deck, manufactured from 2x6" T&G selected white fir, into panels which net a 21" width and to any specified length up to 24-ft. Also available are Redwood or Incense Cedar. Lists capabilities of the product, specifications and properties. Color. 4-pp.—Tarter, Webster & Johnson, 2740 Hyde St., San Francisco 94119.

The Many Moods of Royalcote Interior Hardboard Panels (AIA 23-L): selector index lists the Masonite panels by categories for quick reference. Vignette reproductions of panels in full color are shown, with installation views, illustrations of Peg-Board fixtures, pre-finished moldings and other accessories. Application instructions, specifications and properties of decorator panels and other hardboards are listed. Full color. 24-pp.—The Masonite Corp., Box B., Chicago, Ill. 60690.

Guardian Bridges: describes the availability of a custom designed bridge to meet special needs as for school overcrossings, industrial plants, street overhead crossing, walkways. Bridges can be engineered to special design, pre-assembled and pre-finished, or the materials and design only can be supplied and local labor employed to erect the bridges. A project package includes complete design, drawings, foundation design, construction details and on-site supervision.—Guardian Engineering & Development Co., Hammond & Gregg Sts., Carnegie, Pa. 15106.

Movable Component Classrooms: presents full-color photos demonstrating school space flexibility with the new system combining with Double-Wall demountable steel walls and Operable retractable steel walls. Photos show walls becoming ceiling-to-floor chalk panels, tack boards, projection screens. Charts and drawings document sound control performance, memechanical function, ease of accommodation of utilities and services. A cost analysis is included. 10-pp. Full color.—The E. F. Hauserman Company, 5895 Grant Ave., Cleveland, Ohio 44105.

Building Automation Systems: discusses basic types of centralized control systems along with case history examples of actual installations. Coverage ranges from functions handled by a building centralization system such as mechanical control, equipment surveillance, security and fire detection, and programming, to economic benefits and costs involved. Systems details include electric and pneumatic control centers; compact consoles; control centers; building operation centers. 28-pp. Full color. —Honeywell, Commercial Division, 2727 S. Fourth Ave., Minneapolis, Minn. 55408.

Custom Touch Steel Doors and Frames: outlines requirements and availability of Custom Touch steel doors and steel frames with transoms, side-lites, and the fabrication possibilities from local distributors. Full color.—Fenestra Inc., 4040 W. 20th St., Erie, Pennsylvania 16505.

Dome Pans for Concrete Forms: describes complete new line of dome pans for concrete forming including all the standard size pans together with four and five foot modules. Services, pricing, leasing information are included. — International Fiberglass Co., 1038 Princeton Drive, Venice, Calif.

Gacoflex Elastomeric Liquid Roofing: details the firm's elastomeric liquid roofing systems giving complete physical properties and test standards of the liquid Neoprene and Hypalon roofing system. Also included is a complete guide specification. 4-pp.—Gates Engineering Div., The Glidden Co., Wilmington, Delaware 19899.

Sound-Barrier Efficiency with RC-1 Sheetrock: explains why the system gives high sound-barrier efficiency at low cost, especially suitable to garden apartment construction. Subjects cover how the system works to control transmission of sound, test results, typical construction details for RC-1 partitions and ceilings, a materials list and tips on constructing sound barriers. 8-pp.—Dept. 122, United States Gypsum Co., 101 S. Wacker Drive, Chicago, Ill. 60606.

Acrylite Acrylic Sheet (AIA 24-F): shows Acrylite applications for building construction and for illuminated signs. Specification data is included and lists of colors and patterns in the 1967 line. Full color. 12-pp.—American Cyanamid Co., P. O. Box 350, Wakefield, Mass. 01880.

Comfortflor Cushioned Vinyl Flooring: describes this exclusive line developed to combine durability and maintenance ease of vinyl with the comfort of carpeting. Shown are color range and designs available together with information concerning the construction properties and installation of the floors.—Congoleum-Nairn, Inc., 195 Belgrove Drive, Kearny, New Jersey.

Designs for Tomorrow: presents a new plan, Triple S Design, offering simplicity in design, service in construction, and savings in time and money for facing tile. The plan is built around two series of facing tile, 8W and 6T. Brochure illustrates and explains the design tiles.—Facing Tile Institute, 333 N. Michigan Ave., Chicago, Ill. 60601.

Plaque Buying Guide: presents examples of plaques that have been custom designed for various applications. In addition, standard borders, letters and fastening techniques to assist in design and selection are reviewed. A letter space chart provides a guide for figuring space requirements. 8-pp.—Michaels Art Bronze Co., Covington, Kentucky.

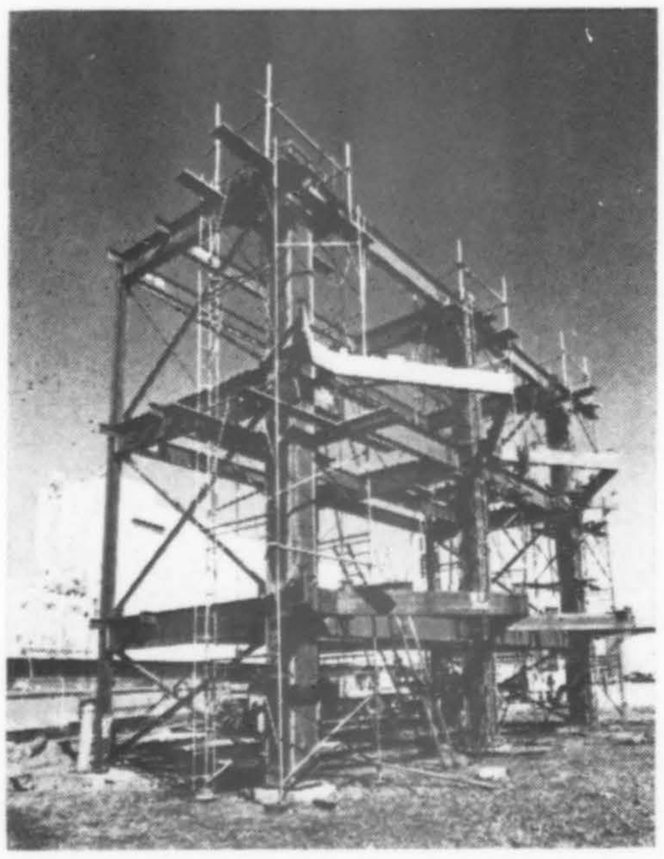
First prize, $1500, for design of a unique ward for the Albert Schweitzer Hospital, was won by C. Kent Slepicka, University of California, Burbank. Left to right in photo are Professor Michael Goodman, FAIA; Paul Hermann, manager of Gail International, sponsor of the competition; C. Kent Slepicka, and Dr. Davis Miller, American medical consultant to the hospital.

• **Tacoma Millwork Supply Co.:** Eldon Bryant has joined the Tacoma, Washington firm as Seattle sales representative, according to an announcement by George L. Davis, president. The firm manufactures the Monitor cabinet line.

• **Northrop Architectural Systems:** Irvine M. Styer has been appointed national sales manager of the City of Industry, California manufacturer of architectural aluminum products. President Douglas B. McFarland also named Ray W. Miller as western division sales manager, with sales representation for all Western states (except Hawaii) and Canada.

• **American Plywood Association:** William H. Hunt, executive vice president plywood and gypsum, Georgia-Pacific Corp., has been elected president of the association, succeeding Charles L. Morey, St. Regis Paper Company.

• **The Austin Company:** Appointment of Lawrence C. Crowder as manager of the company's Forest Products division, with headquarters in Seattle, has been announced by Harold A. Anderson, president and general manager of the international engineering and construction firm.



THREE-STORY mock-up of the Bank of America's new world headquarters building was erected by Kaiser Steel Corporation at its Oakland assembly yard. The model was built to allow contractors to pre-test construction methods for the parent building now in the first phases of construction in San Francisco. The triangular steel projects on the exterior will be faced with granite to create a saw-toothed effect. Kaiser Steel was awarded the contract for erection of 25,000 tons of steel in the 52-story high building.

• **Weyerhaeuser Company:** The appointment of Robert H. Moore to the new position of information manager for the wood products group has been announced. He was formerly supply and service manager for the group until the promotion.

• **Koppers Company, Metal Products Division:** Curt R. Hahn, until recently a Naval lieutenant j.g., has joined the Western region sales staff as a sales engineer. He will work out of the division's headquarters at 3440 Wilshire Boulevard, Los Angeles.

• **B. Brody Seating Company:** William J. Minton, 1310 Holly Avenue, Arcadia, California, has been assigned to the territory of Southern California as sales representative for the Chicago firm, manufacturer of commercial and residential furniture.

• **E. T. Barwick Mills, Inc.:** New contract showroom for the carpeting manufacturer has been established in Robertson Plaza, Los Angeles, to better serve the decorative, architectural and contract trade.

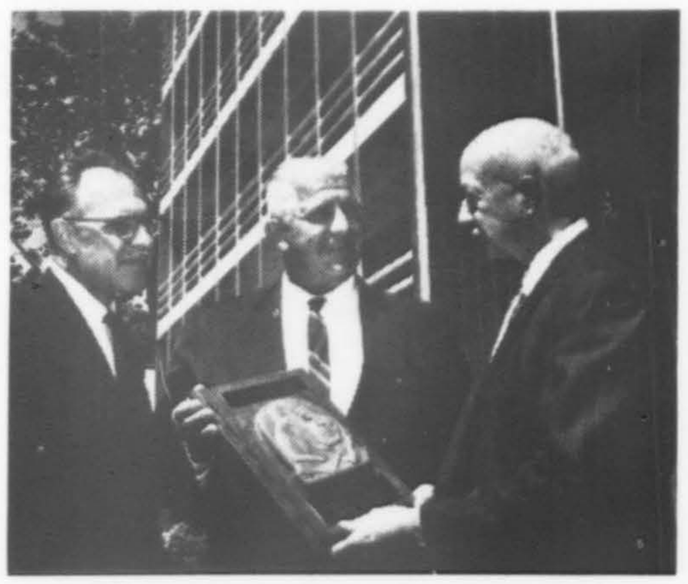
• **Potlatch Forests, Inc.:** The appointment of Roderick M. Steele as general manager of the firm's western operations of the Wood Products Division has been announced. He will be at the Lewiston, Idaho headquarters.

• **Azrock Floor Products:** Chandler Supply Company, 1301 North Orchard St., Boise, Idaho, has been appointed a wholesale distributor of the firm's floor products. The announcement was made by Robert H. Bendig, Azrock western division sales manager.

• **Torginol of America, Inc.:** Edmund F. Vesely has been named technical director of the Montebello, California firm, manufacturer and distributor of seamless flooring and wall covering products.

• **The Payne Company:** Thomas W. Kelham has been appointed district sales manager for New Mexico and West Texas. Payne, located at the City of Industry, California, manufactures central air conditioning and heating products.

• **Construction Components, Inc.:** The Portland, Oregon firm has moved to new quarters in the Sylvan Office Campus on the north side of Sunset Highway at the Canyon Road-Beaverton interchange. Myron L. (Mike) Carr has recently joined the staff as production control manager. The firm specializes in promotion and sale of prefabricated components for roof structures such as Trus-Joist and glued laminated beams which they market in Oregon, Washington and Alaska.



SAM Award is presented by **Harold Lucas,** center, representing Northwest Brick Association, to **James Todd,** right, of Catalina Investment, owners, and **Frank Rommel, AIA,** left.

Northwest Brick Association presents seventh SAM award

The owner, as well as the practitioner, is recognized by the Pacific Northwest brick industry for his part in stimulating the imaginative use of brick in commercial and residential construction.

The seventh presentation of the SAM Award (Special Award of Merit) was made at Eugene, Oregon, in recognition of brick used on the Eugene Medical Arts Building. Recipients of the plaque, presented by Harold Lucas, representing the association, were James Todd, of Catalina Investments, Inc., owners of the building, and Frank Rommel, AIA, of Gardner & Rommel Architects.

The special modular brick, in red tapestry design, was supplied by the Monroe Clay Products Company, Monroe, Oregon.

• **Bobrick Dispensers, Inc.:** Miss Charlyne Spoor has been named assistant manager, customer service, in Bobrick's Los Angeles plant.

• **National Association of Architectural Metal Manufacturers:** At the 29th annual convention of NAAMM, Irvine Styer, national sales manager for Northrup Architectural Systems, City of Industry, California, was elected vice president of the association and chairman of the western region.

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POMONA COLLEGE hosted a conference on urban problems early this spring. Out of this meeting came this conclusion: experts, trying hard to shape tomorrow's urban environment, admit they cannot do it alone, and conclude that it is as much the responsibility of the slum dweller and the young secretary who works in a 42nd floor office as it is the city planner, the politician, the sociologist and the urban designer.

Saul Alinsky, Chicago community organizer, summed it up this way: *"The big problem in our cities today is that the great mass of people—the general population—has withdrawn from participating in affairs that affect them. There is . . . a general climate, a feeling that problems can never be resolved."*

These sentiments were concurred in by Calvin S. Hamilton, planning director for the city of Los Angeles, who said: *"Few people feel much loyalty to the city as a whole.* Planners must lead in educating, interesting and inspiring the public to become involved in the planning process. Every citizen needs pride in his city and this pride can become a force for improvement."

The lack of public interest is widespread. It is not only in the areas of urban planning and renewal that it is felt, but in social and fiscal problems as well. Leadership in stimulating effective citizen participation belongs at the grass roots level—local government to provide programs and coordination. for an acceptable human environment.

For, as B. R. Stokes, general manager of the Bay Area Rapid Transit District, concluded *"Nothing happens without public support and the necessary financing."*

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