



# Looking for a beautiful way to protect walking decks?



*Technology Bldg., Pasadena City College, Pasadena, Calif. Architects: Allison & Ribbe, Applicator: Owen Roofing Co., Los Angeles.*

## Use Gacodeck

Gacodeck is a rugged seamless covering that gives concrete and plywood decks a protective beauty that lasts and lasts. How? By providing a colorful Neoprene-Hypalon membrane that's waterproof, weatherproof, and tough enough to withstand years of heavy traffic.

Gacodeck goes on over exterior plywood or concrete decking, then cures in place to provide a shield of protection that won't crack or leak. Gacodeck is skidproof. Light in weight. Yet it's exceptionally long lasting, and so tough you can walk over it with spike

heels—or even cleats—without marring the surface.

Gacodeck is an excellent covering for walking decks at public buildings like schools, or apartments and private residences. Its durability has been demonstrated in tests conducted by the American Plywood Association, which named Gacodeck an APA QUALIFIED COATING. Specify Gacodeck on every deck where protection is important. The cost is reasonable, the beautiful results are reason enough. For more information about Gacodeck, write:

**GACO WESTERN, INC. • 4429 AIRPORT WAY S. • SEATTLE, WASHINGTON**

*Or contact your nearest Gacodeck representative: Hobart Bros., San Francisco; Gaco Western, Inc., Los Angeles; Gaco Western, Inc., Denver; Elasco, Inc., Salt Lake City; Gaco Western, Inc., Portland; Safway Scaffold, Inc., Spokane; Wisdom Industrial Rubber, Inc., Honolulu; and Sealproof Construction Ltd., Vancouver, B.C.*



# Architecture/West

MARCH 1968

VOLUME 74 NUMBER 3

RELTA GRAY  
Editor

A. O. BUMGARDNER, AIA  
Consulting Editor

ROSCOE E. LAING  
Managing Editor

DAVID H. FUKUI  
Design Consultant

PEGGY HANSEN  
(Rocky Mountain)

JAMES D. GOUGH JR., AIA  
(Montana)  
Contributing Editors

- 8 INTERNATIONAL MARKET CENTER/JOB OF THE MONTH  
San Francisco, California/Wurster, Bernardi & Emmons
- 16 WHERE THE ARCHITECTS HANG THEIR HATS  
Seattle, Washington/Richard Bouillon & Associates
- 18 ELOY JUNIOR HIGH SCHOOL  
Eloy, Arizona/Bennie M. Gonzales
- 20 CARL SANDBURG ELEMENTARY SCHOOL  
Littleton, Colorado/Eugene D. Sternberg & Associates
- 22 SUNRISE ELEMENTARY SCHOOL  
Tucson, Arizona/Cain, Nelson & Wares
- 24 CULVER CITY JUNIOR HIGH SCHOOL  
Culver City, California/Boyd Georgi & Associates
- 25 ECHO GLEN CHILDREN'S CENTER  
Preston, Washington/Decker, Kolb & Stansfield
- 28 MOORE GALLERIES, INC.  
San Francisco, California/Barker & McCarthy
- 32 CENTRAL OFFICE BUILDING, CLALLAM COUNTY P.U.D.  
Port Angeles, Washington/John Harrison Rudolph  
Products in Action feature

4 NEWS HIGHLIGHTS

7 PROJECT PREVIEW

10 SEATTLE CHAPTER, AIA, HONOR AWARDS

12 ARCHITECT NEWS

30 WESTERN HIGHLIGHTS

34 PRODUCTS

35 MANUFACTURERS/SUPPLIERS

36 NOT SPECIFIED

36 BUSINESS DATA

ARCHITECTURE/WEST  
(incorporating the architecture and  
building edition of  
Southwest Builder & Contractor)  
is published monthly by  
Construction Publications/West, Inc.  
1945 Yale Place East  
Seattle, Washington 98102  
Printed in U.S.A.  
Copyright 1968 by  
Construction Publications/West, Inc.

Subscription price:  
\$6 a year;  
\$10 outside 13-state West

Controlled circulation paid at  
Seattle, Washington

THE COVER: Moore Galleries, Inc., San Francisco;  
Barker & McCarthy, Architects; page 28.

## CHARLES LUCKMAN ASSOCIATES ACQUIRED BY OGDEN CORPORATION

CHARLES LUCKMAN Associates, one of the world's largest planning, architectural and engineering firms, announce an agreement whereby the Luckman firm will be acquired by the Ogden Corporation, New York firm which operates through a number of subsidiaries ranging from a shipyard and construction firm to cattle raising and materials handling operations.

Simultaneously, Ogden announced the establishment of the Ogden Development Corporation for real estate development with Charles Luckman as president. Offices will be in Los Angeles. The Luckman firm will continue to operate with its present organization and corporate entity, including all of the present officers and board of directors. The offices in New York, Boston, Phoenix and Los Angeles will be maintained.

### Architectural school added at Cal Poly

A SCHOOL of Architecture was added at California State Polytechnic College, San Luis Obispo, beginning with the winter quarter which started January 3. Three curricula will initially be offered: a five-year curriculum leading to the degree of bachelor of architecture, and two four-year curricula leading to the bachelor of science degree in architectural engineering and one in city and regional planning, respectively. The latter course of study has just been approved and will be offered for the first time in September 1968.

Instruction in this area has been offered previously by an Architecture and Architectural Engineering Department in the School of Engineering.

### "Creativity" theme of religious architecture conference in Miami Beach, April 30-May 3

"THE REALITY of Tradition: Creativity," has been selected as the theme of the 29th national conference on religious architecture to be held April 30-May 3, 1968, at the Statler Hilton Plaza in Miami Beach, Florida. The conference is sponsored by the Guild for Religious Architecture of the American Institute of Architects, The Commission on Church Building and Architecture, and the Division of Christian Life and Mission of the National Council of the Churches of Christ in the U. S. A.

General chairman of the conference



Left to right: Ralph Ablon, president and chairman of the Ogden Corporation, New York; Charles Luckman, president of Charles Luckman Associates, Los Angeles; John B. Cogan, senior vice president of Ogden.

### Leave Fisherman's Wharf unchanged—planners propose

SAN FRANCISCO'S Fisherman's Wharf should be retained in any future development of the city's north shoreline, Barry Wasserman, consulting architect, told the city planning commission in a report that recommended the retention of the collection of businesses—fish processing plants, ship chandleries, curio shops, fishing boat berths, restaurants, crab stalls—all of which give an "energetic feeling to the area."

The report was made during a presentation of plans for the shoreline area from Fort Mason eastward to Pier 37. Proposals included restriction of automobile traffic to a minimum north of North Point Street, construction of three major parking garages, an extension of existing cable car service, municipal bus service and a miniature monorail from the Ferry Building to Aquatic Park. Additions suggested include shops along Pier 45 with apartments above the ground-level shops.

is Roy W. Spence, Jr., AIA, of Miami. Program chairman is the Reverend Glenn S. Gothard, Nashville, Tennessee. Some 1,000 architects, religious leaders, and church building committee chairmen are expected to attend the four-day conference and post-conference reconvocation in Puerto Rico, May 3-6. Among major speakers will be Robert Durham, FAIA, president of the AIA.

Registration information is available from the conference coordinator, Mrs. Esther F. Martin, P. O. Box 488, Coral Gables, Florida 33134.

### Alaska Chapter, AIA, 7th annual meeting

THE ALASKA Chapter, AIA, held its seventh annual meeting on November 10-12 at the Captain Cook Hotel, Anchorage. Architects from Juneau, Ketchikan and Fairbanks joined the Anchorage architects in sessions devoted to furthering their efforts toward improving communities and buildings.

The theme of the meeting, "Planning Implementation", featured a panel presentation by Edwin Crittenden, AIA, executive director of the Alaska State Housing Authority; Robert Pavitt, planning director of Greater Anchorage area borough; Richard Watts, planning coordinator of the City of Anchorage; and Robert Martin of Portland, Oregon, director of the Northwest Region, AIA.

Larry Fanning, publisher and editor of the Anchorage Daily News was guest speaker Saturday.

### Mumford and McCue: critics' awards

LEWIS MUMFORD of Amenia, New York, and George McCue of St. Louis, Missouri, have been named the winners of the American Institute of Architects' newly established and only awards for architectural critics.

Mumford, 72, author and critic, is the recipient of the Architectural Critic's Medal, awarded on the basis of a distinguished career devoted to architectural criticism. McCue, 57, art and urban critic for the St. Louis Post-Dispatch for more than a decade, received the Architectural Critic's Citation, awarded on the basis of excellence in a single work in the same area. Both are honorary members of the Institute.

## Urban design team urges Denver to carry out South Platte River development plan

AN URBAN design team, appointed by Secretary Robert Weaver for HUD's Region 5, visiting Denver in mid-January said that if the city of Denver does nothing else in the next 20 years, it must carry out the South Platte River redevelopment plan. Sam Zisman, San Antonio architect and a member of the team, said "If the plan is accomplished properly, the city won't have to worry about new tax base, about sites for new industry and high rise buildings." Zisman, who is currently planning consultant to the National Western Livestock Show for improvements to its facilities at the Denver Coliseum and surrounding areas, is familiar with most of Denver's planning and urban renewal studies.

"Denver has a great opportunity to focus all its resources on the river as the one aspect that will benefit everyone," he further noted. "I hope the city won't dissipate its efforts on scattered projects. The river should be the greatest focal point of the metro area. There is potential here for the most amazing river development project in the nation."

## Two cities to host AIA national meet

THE ANNUAL convention of the American Institute of Architects, June 23-29, 1968, will be held in two cities. From June 23 until mid-morning June 27, the convention will be held at the Memorial Coliseum in Portland, Oregon. It will then reconvene on the morning of June 28 at the Ilikai Hotel in Honolulu. This marks the first time in the 110-year history of the AIA that it has held its national convention in either of these cities.

The convention theme is "M.A.N.", signifying Man, Architecture and Nature.

Serving as national convention chairman is Robert Martin, AIA, Northwest regional director, of Lincoln City, Oregon. David Pugh of Skidmore, Owings and Merrill is chairman for the Portland portion of the convention; Paul D. Jones, of Lemmon, Freeth, Haines and Jones, is chairman for the Honolulu segment.

## Arrowhead conference

THE SEVENTH annual Conference for Educators, Architects and Contractors will be held at the University of California Residential Conference Center, Lake Arrowhead, March 10-12.

Other team members who toured Denver were Robert O'Donnell, president of Harmon, O'Donnell and Henninger Associates, Inc., Denver-based international planning consultants, and E. G. Hamilton, Dallas, Texas architect. They were accompanied by Ralph Warburton, architect and planner attached to Weaver's office; Len Church, assistant director of HUD's region 5 from Fort Worth, and Otis Trimble, chief designer at the HUD regional office.

## Uniform state building code adopted by New Mexico

THE NEW MEXICO Construction Industries Commission has adopted a new uniform state building code which requires permits and inspections for all building in which humans will live or work. In effect, the code extends to rural areas the same construction controls now exercised by municipalities. Chief result of the new code will be to bring under state supervision all construction in the state outside municipal limits. Cities must meet state code requirements.



TWO - FOUR - SIX - EIGHT,  
Who Knows How To Ventilate?

"ALL-AMERICAN"! "ALL-AMERICAN"!



You'll find "All-American" fully ventilated athletic lockers throughout the \$2,423,000 Skoglund Athletic Center first revealed to the public on October 5, 1967. St. Olaf College's new center includes an N.C.A.A.-approved swimming pool, a gymnasium holding three full-sized basketball courts, and a host of other first-class facilities.

The Northfield architectural firm of Sovik, Mathre & Madson specified "All-American" athletic lockers to keep *everything* first-class. As you can see, "All-American's" unique use of heavy gauge expanded steel mesh provides unsurpassed ventilation and visibility for varsity lockers. Note, too, the perfect fit from wall to wall, the no-mess sloping tops, and the heavy duty triple hinging on the doors.

"All-American" athletic lockers boast all welded construction. There are no screws, nuts, or bolts to come adrift. Available in 10 baked enamel colors and in a wide range of sizes and options, "All-American" athletic lockers are absolutely unmatched in quality, design, and durability.

So . . . they cost a little more. St. Olaf decided it was worth it . . . and so will you.

# DEBOURGH MANUFACTURING COMPANY

9288 James Avenue So. • Minneapolis, Minn. 55431

Write for free catalog and detailed athletic locker information. Or call us collect!

**"ALL-AMERICAN" . . . Ventilation / Visibility / Versatility**



**Winner of The 3,000-Mile  
Economy Run**

**E**nd-to-end, that's how far they'd reach. The TRUS joists we've manufactured in the past eight years have built over 7,000 schools, shopping centers and commercial buildings of every size. From Philadelphia to San Diego, and from the Yukon to Mexico, TRUS JOISTS are providing roof and floor

structural systems of unchallenged quality and economy.

Spans to 100 feet...nailable wood chords... open steel webs for easy installation of ductwork and plumbing... lightweight for carpenter erection and less expensive footings, foundations and bearing walls. TRUS JOISTS are precision engineered by computer and quality manufactured in almost any profile, from parallel, tapered and pitched to exotic curves.

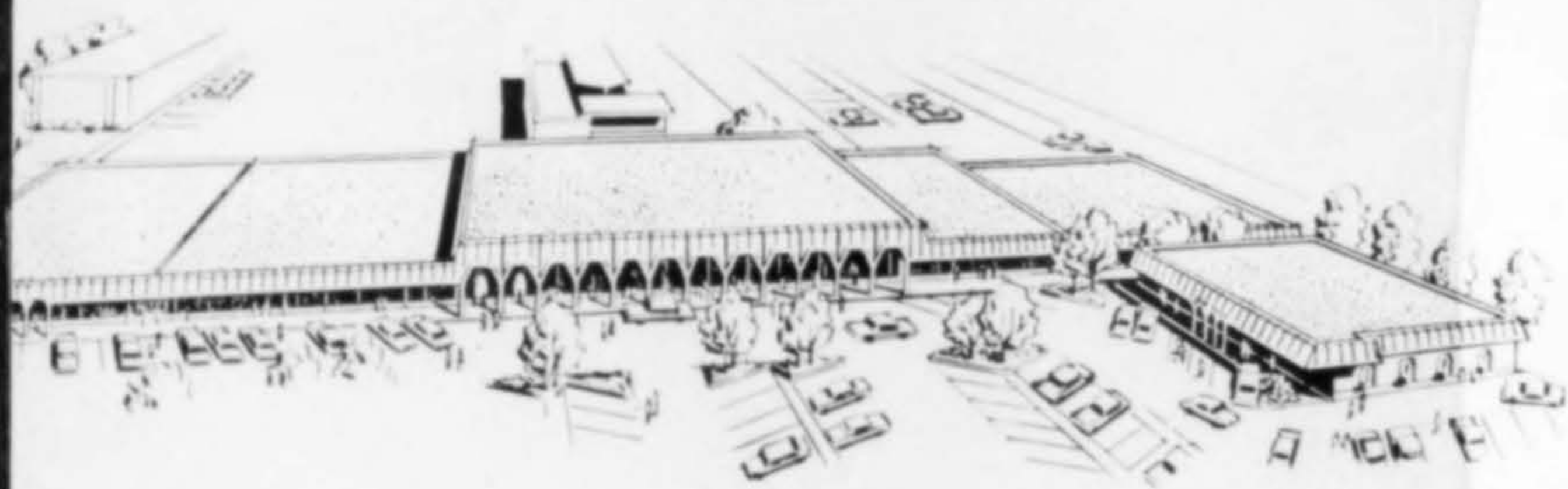
More information? Would you like to examine our design manual or get a free cost estimate on your next project?

No need to write.

Just send us your card.

**trus Joist**

9777 Chinden Blvd. Boise, Idaho 83704



Plants at:  BOISE, IDAHO  PORTLAND, OREGON  SAN FRANCISCO  LOS ANGELES  PHOENIX  DUBUQUE, IOWA  CALGARY, CANADA

# Trus Joist DISTRIBUTORS

Mountain and Pacific States

## ALASKA

Construction Components Inc.  
P.O. Box 4-Y, Anchorage 99053  
Phone 272-9031

## ARIZONA

Trus Joist Southwest  
2530 South 16th Street, Phoenix 85007  
602/252-9224

## CALIFORNIA

### BAY AREA

Trus Joist Sales Co.  
P.O. Box 5154 San Mateo 94402  
415/341-9669

### SACRAMENTO & RENO AREAS

John Nunan Co.  
1331 T Street, Sacramento 95807  
916/444-0223

### FRESNO-BAKERSFIELD

Trus Joist Specialties  
5688 North 4th St., Fresno 209/439-1935

### SANTA BARBARA

Backman Building Specialties  
234 East Gutierrez Street, Santa Barbara  
805/963-1459

### LOS ANGELES AREA

Trus Joist California  
P.O. Box 428, 8978 Haven Ave.,  
Cucamonga 91730 714/987-4621  
Wm. Boyce, Sales Manager  
Scott McMillan  
Roger Griswold  
Ken Hill

### SAN DIEGO

Trus Joist California  
709 Bank of America Bldg., San Diego  
714/233-3434

### IDAHO

Trus Joist Western Sales  
9555 Chinden Blvd., Boise 375-7311

### COLORADO

General Building Service & Supply  
2243 West 32nd Ave., Denver 80211  
303/433-8995

### MONTANA

Materials Supply  
P.O. Box 20317, Billings 59102  
406/656-3601

### NEVADA

Hardware & Specialties, Inc.  
218 W. Wyoming, Las Vegas 89102  
702/384-2040

### NEW MEXICO

George McGill  
1113 Pennsylvania N.E., Albuquerque 87110  
505/256-2058

### OREGON

Construction Components Inc.  
P.O. Box 25307, Portland 97221  
503/292-8828

### UTAH

Boise Cascade Corp.  
Box 1530, Salt Lake City 801/363-2611

### WASHINGTON

Construction Components Inc.  
P.O. Box 575, Mercer Island 98040  
206/232-8815

### WYOMING

General Building Service  
& Supply Inc.  
2243 West 32nd Ave.,  
Denver 80211  
303/433-8995



1.

## PROJECT PREVIEW

2.



3.



1.

**ADMINISTRATION BUILDING**, Department of General Administration for the Washington State Highway Commission, Department of Highways, Olympia, Washington, has been designed to integrate with the new Capitol Campus Plan as well as with existing buildings at the state Capitol. The four-level building will be of exposed aggregate concrete. Completion: fall, 1968. Estimated cost: \$6.8 million. Architects: Young, Richardson & Carleton.

2.

**OLIVETTI-UNDERWOOD Building**, Los Angeles, will be a four-story steel-frame structure clad with a bronzed, anodized aluminum curtain wall. End walls and core unit will be faced with a buff tile. Ground floor is predominately glass. Cost: \$1,000,000. Architect: Morganelli-Heumann & Rudd.

3.

**THE INN** at Spanish Head, Lincoln City, Oregon, will be a condominium resort hotel of two 10-story buildings, rising from the ocean side to the bluff above with only the top two stories visible from the highway. There will be 102 apartments, a sauna, swimming pool and restaurant. Entrance will be from the top level. Architect: Donald W. Richardson; Mill Construction Co., contractor.

4.

**COMMONS BUILDING** and cafeteria for California State College at San Bernardino will be a two-level structure of poured-in-place concrete. A series of concrete hipped roofs distinguish the cafeteria and the outdoor area. Cost: \$1,000,000. Architect: Dorman/Munselle Associates.

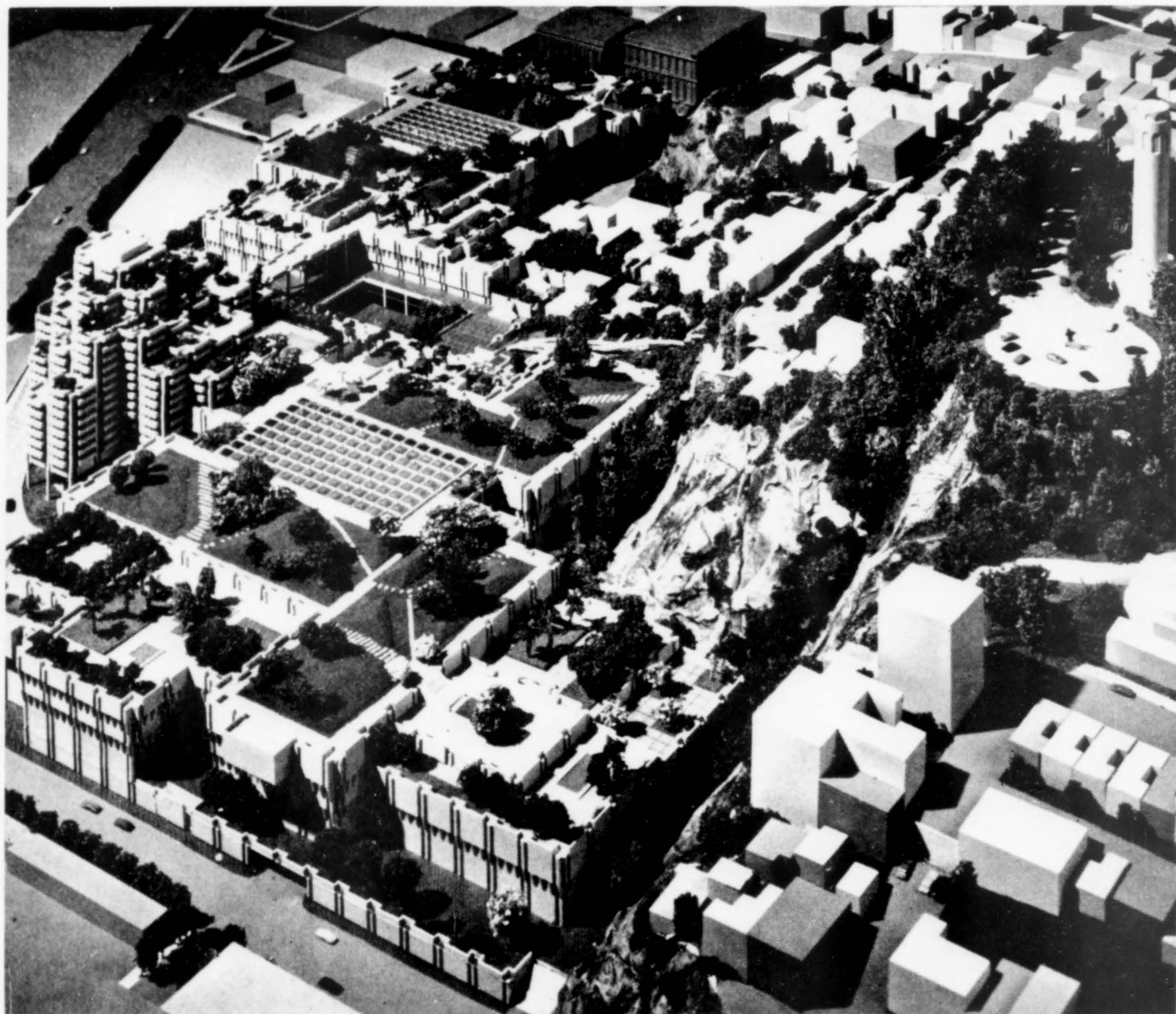
4.



Job of the Month:

## International Market Center

San Francisco, California



*The city of the future will use large sections of the urban architecture, such as that of the International Market Center, as open parks, a contemporary interpretation of the "hanging gardens of Babylon." These rooftop parks and gardens, connected by pedestrian greenways high above the streets will change the fabric of the city, itself a living tapestry of ever-increasing and expanding activity, from grey to green.*

*The open spaces of the project directly relate to the natural forms of the spectacular topography, so that in places it will be possible to touch the hill in a literal sense, from terrace or a greenway. Telegraph Hill actually flows right onto the roof deck in the central part of the project, and its overpowering presence will be felt from every outdoor vantage point. On the other hand, there are many open spaces where it will be possible to stand back and see the hill from some distance, in relation to the total San Francisco profile.*

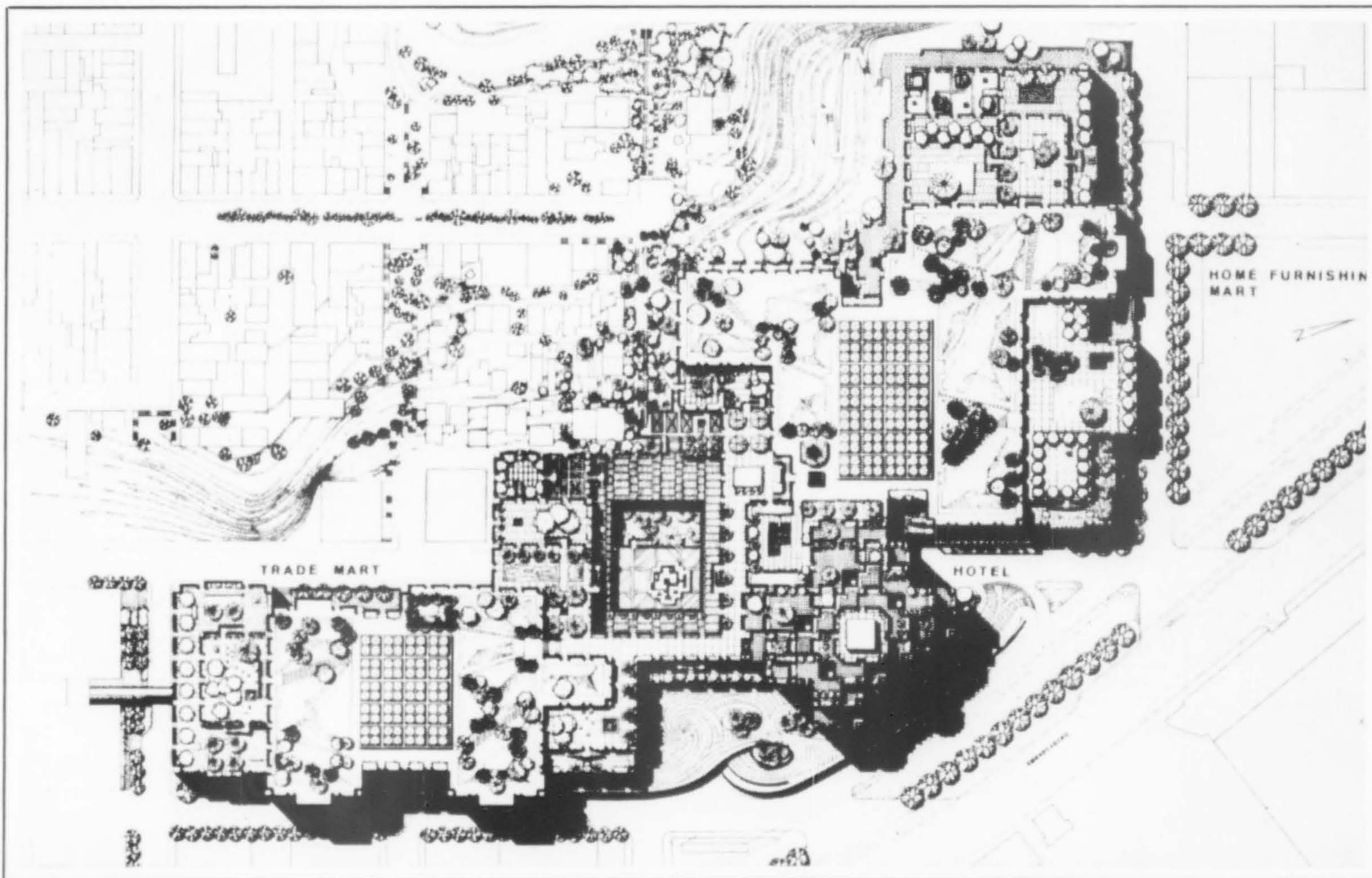
LAWRENCE HALPRIN

AN EXPOSITION of the plans and architecture of the proposed \$100 million San Francisco International Market Center, planned to be the first total home furnishings and trade mart complex in the world, was made at the San Francisco Museum of Art on January 30. A detailed architectural model was displayed and plans outlined for the metamorphosis of 15.4 acres of the city's obsolescent northern waterfront at the foot of Telegraph Hill to a modern low-level complex topped by six blocks of roof-gardened parks open to the public. The Center will be in excess of 4,000,000 sq. ft. Special features of the plan include two Great Halls, each over 30,000 sq. ft., and a public funicular to run from the base of Telegraph Hill up to Coit Tower with a stop at Montgomery Street. In conjunction with the formal presentation of the complex, The Ice House, the half-century-old landmarks which are being restored and refurbished for future incorporation in the Center, opened two of its floors for business.





WURSTER, BERNARDI & EMMONS  
 Master Planners-Architects  
 LAWRENCE HALPRIN & ASSOCIATES  
 Landscape Architects  
 DILLINGHAM CORPORATION of CALIFORNIA  
 Contractor





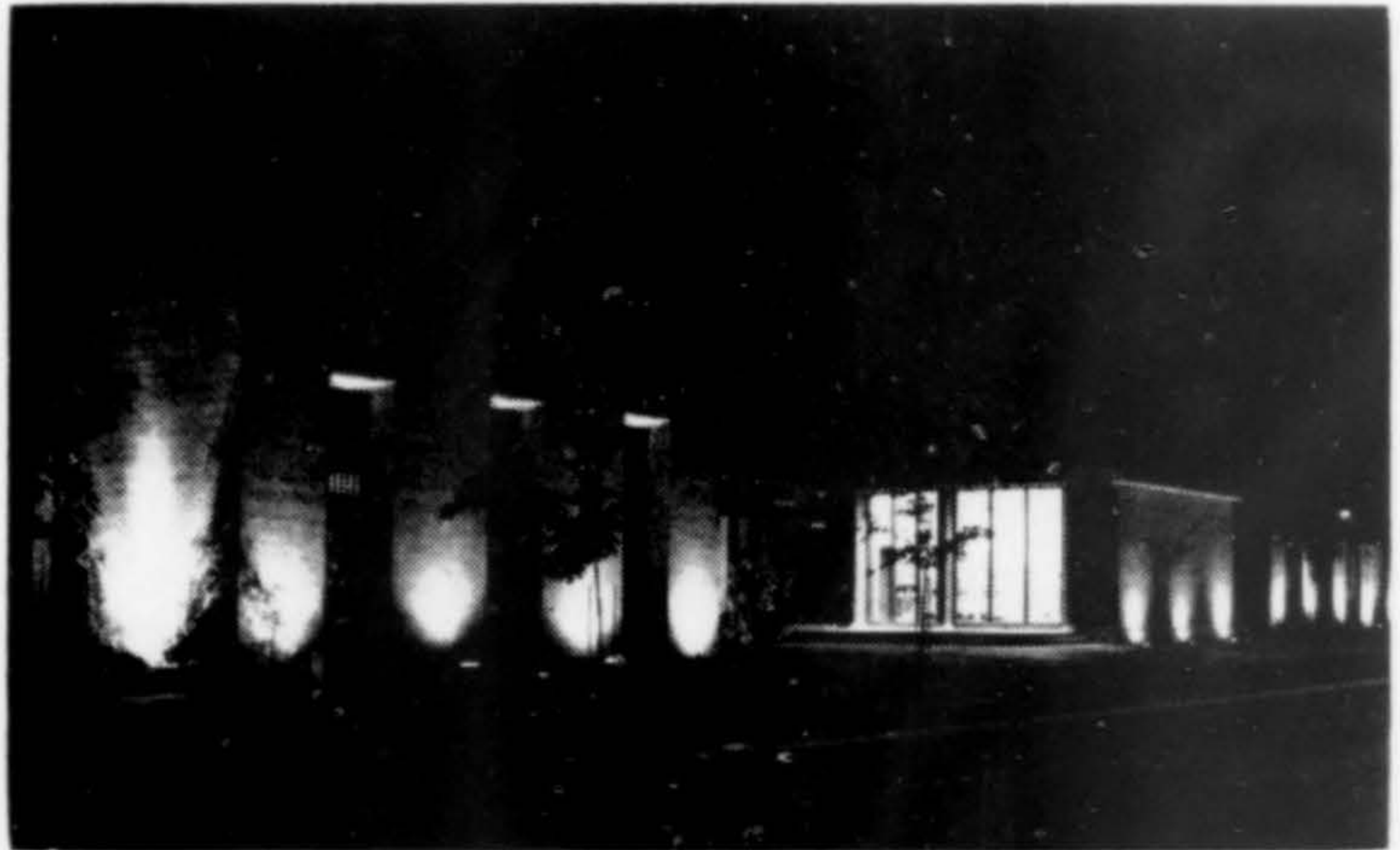
**YMCA-YWCA**, University of Washington. Merit Award. Nelson, Sabin & Varey, architect.



**FREDERICK MORGAN PADELORD** Hall, University of Washington. Merit Award. Walker & McGough, architect.

**TENTH CHURCH** of Christ, Scientist, Seattle. Honor Award. Young, Richardson & Carleton, architect.

**EAST PINE SUBSTATION**, Seattle City Light, Seattle. Honor Award. Fred Bassetti & Company, architect.



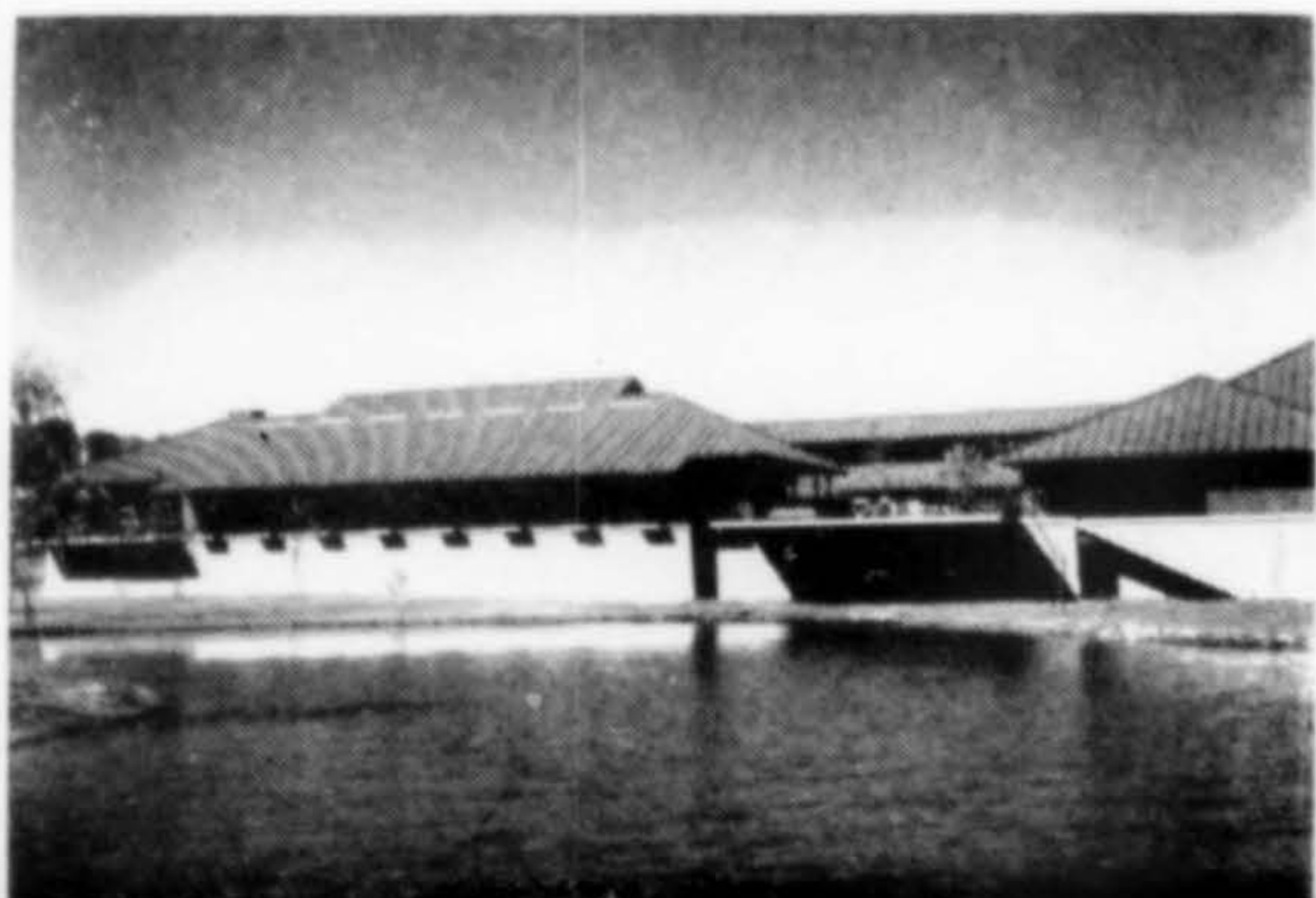
**Seattle Chapter, AIA, honors seven institutional buildings**



**ADDITIONS and ALTERATIONS** at the Applied Physics Laboratory, University of Washington. Honor Award. A. O. Bumgardner & Partners, architect.

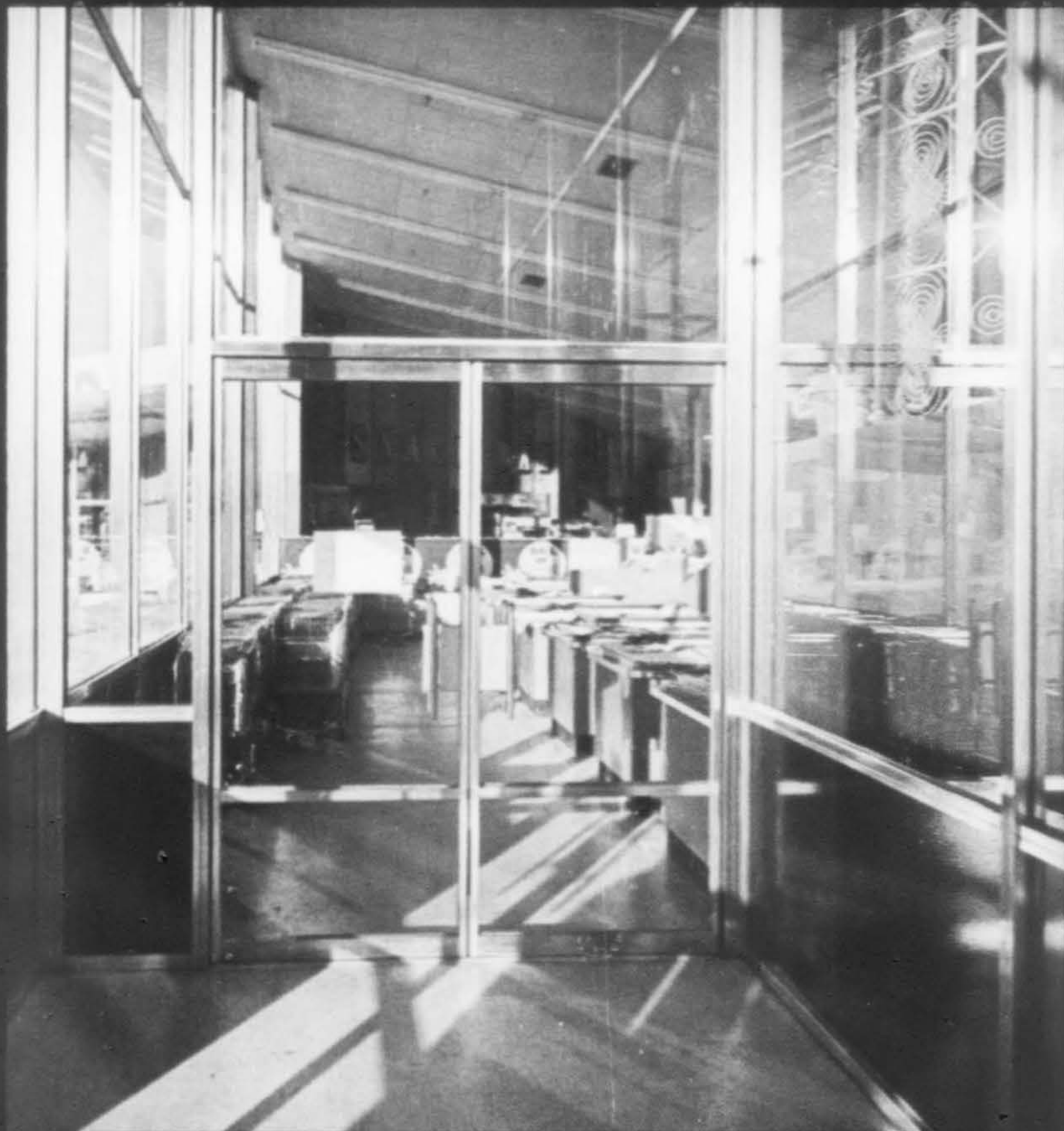


**JEFFERSON TERRACE** Apartments for the Elderly, Seattle Housing Authority, Seattle. Honor Award. Kirk, Wallace, McKinley & Associates, architect. (A/W, February 1968)



**BATTELLE MEMORIAL** Institute for the Seattle Research Center, Seattle. Merit Award. Naramore, Bain, Brady & Johanson, architect.

# Now the lifetime beauty and prestige of stainless steel... at a truly competitive price



Stuart's Department Store, Sunrise Shopping Center, Lowell, Massachusetts, has 1700 square feet of storefront framed with USS ULTIMET Stainless Steel Wall Framing. It uses 5½-inch mullions for the 19-foot vertical span. The lobby is also enclosed with USS ULTIMET framing. There are eight USS ULTIMET Stainless Steel Narrow Stile Swinging Doors.

Owner: DeMoulas Realty Company, Lowell, Massachusetts  
Architect: Eugene Weisberg, A.I.A., Lowell, Massachusetts  
General Contractor: Psinos Construction Company, Dracut, Massachusetts  
Curtainwall Fabricator-Erector: Lawrence Plate & Window Glass Company, 417 Canal Street, Lawrence, Massachusetts

The handsome lobby and entrance doors—as well as the storefront—of Stuart's Department Store, Lowell, Massachusetts, are designed and built with a completely new kind of stainless steel framing product—USS ULTIMET. Owner-realtor T. A. DeMoulas and architect Eugene Weisberg chose USS ULTIMET Stainless Steel instead of aluminum because USS ULTIMET wall framing "is better looking, more durable, yet costs about the same."

USS ULTIMET framing is first-quality stainless steel throughout, so its attractive finish will last a lifetime with no maintenance other than normal cleaning. It resists scuffs and dents, won't fade or discolor, and USS ULTIMET framing greatly enhances the beauty of other building materials. There are no exposed fasteners to become unsightly—just a clean, uncomplicated attractive installation. And the best part is, it's competitive!

For your next design, look into good-looking, cost-saving USS ULTIMET Stainless Steel Wall Framing. Write for our design booklets, ADUSS 88-2932 and 88-2709. United States Steel, P.O. Box 86 (USS 5251), Pittsburgh, Pennsylvania 15230—or contact a USS Architectural Products Representative through the nearest USS Construction Marketing or Sales Office. USS and ULTIMET are registered trademarks of United States Steel.



**Ultimet**

Stainless Steel Wall Framing

□ A new partnership has recently been formed to expand the architectural and engineering services of Cox-Liske-Associates, Sacramento. George Lionakis, architect, and Klyne Beaumont, structural engineer, each associated with the firm for over 10 years, have joined Whitson W. Cox and J. R. Liske in this reorganization. The new firm will be known as Cox-Liske-Lionakis-Beaumont, Architects and Engineers. Offices are in the Banker's Life Building, 10 Fullerton Court, Sacramento.

□ The Portland architectural firm of Wolff - Zimmer-Gunsul-Frasca announces the appointment of a new partner, Otto R. Ritter, AIA, and a change in firm name to Wolff-Zimmer - Gunsul Frasca-Ritter. He has been associated with the firm for eight years.



□ Lackey-Hamilton-Blewett Associates, architects and planners, announce the formation of a new firm, Lackey-Sokoloff-Hamilton-Blewett, AIA. Principals are Lawrence Lackey, H. David Sokoloff, Irving G. Hamilton and Harold Blewett. Offices are at 244 Kearny Street, San Francisco.

□ Seattle architect Ralph D. Anderson announces a new partnership with Frank Gerald Stickney and T. William Booth, a change in firm name and a new office location. The firm will now be Ralph D. Anderson and Partners with the new address at 119 South Main Street. Stickney, a graduate of Washington State University, was with the original Anderson firm for five years. Booth has been with the company for three years.

□ Ben A. Nielsen has been named an associate in the Spokane, Washington, firm of Trogdon-Smith, Architects, AIA. Formerly employed in a Montana architectural firm, he has been with the Spokane company three years.

□ David Travers, formerly editor of Arts & Architecture, has been named director of corporate planning for Victor Gruen Associates, Los Angeles.

□ Ian Mackinlay, Architect, AIA & Associates announce the opening of an office on Guam. George Winnacker, AIA, is partner-in-charge of the new office whose address is P. O. Box 3398, Agana, Guam, Marianas Islands.

□ The architectural firm of John E. Toohey Architects announces a change in firm name to John E. Toohey & Associates, Architects, and the appointment of architect Ronald R. Goldberg as an associate. The firm is located in Worland, Wyoming.

□ William Koblick, Sacramento architect, announces his firm has incorporated under the name of Koblick, Cordoba, Gervin & Associates. Officers of the corporation are William Koblick, president; Gordon C. Gervin, first vice president; Arthur C. Johnson, second vice president; David Cordoba, Jr., treasurer, and Mary M. Askren, secretary. The firm was founded 22 years ago. The other officers have been associated with Koblick for periods ranging from 12 to 20 years. Offices are at 2203 Thirteenth St., Sacramento.

□ William H. Neel announces the opening of an office for the practice of architecture at 1847-1/2 Garden Avenue, Eugene, Oregon. He was most recently associated with the firm of Wilmsen, Endicott & Unthank in Eugene.



□ Porter-Jensen & Associates, San Jose architectural-planning firm, announces the promotion of four architects to associates: Alexander Hill; Don Manzagol, Charles Skelly and Lawrence Gentry. New assignments within the firm are Elton Kern, executive architect; Jan Hansen, director of design, and George Babbit, director of production.

□ Richard A. McKnew has been appointed a project architect at Charles Luckman Associates, Los Angeles. He was most recently executive vice president of the Los Angeles firm of Earl Heitschmidt & Associates, a firm with which he had been associated for 17 years.



Dell M. Williams, left, and Murton H. Willson have recently moved their architectural firm, Willson & Williams, AIA, to 2855 East Coast Highway in Corona del Mar.

□ Maurice Rozner has joined CST International, architectural and engineering firm, Los Angeles, as vice president.

□ Six key employees of Hewlett & Jamison, AIA, Architects, Portland, Oregon, have been promoted to associate posts. Promoted to the new positions were architects James L. Atkinson, John R. Gatewood, Charles E. Johnson and Lynn L. Smith, and engineers Harry F. Beik and Dirk N. M. Looijanga. Offices are at 3223 S.W. Harbor Drive.

□ Albert C. Martin & Associates, Los Angeles, have consolidated their offices in a new location: the 42-story Union Bank Square at 445 South Figueroa Street, Los Angeles, designed by the Martin firm in association with Harrison & Abramovitz, New York City. The firm's offices have been located in a number of buildings along Wilshire Boulevard.

□ Architect Philip W. Faulconer has joined the staff of the Vice President-Physical Planning & Construction, the University of California, Berkeley. For 10 years he was a project architect on UC campuses followed by three years as architectural consultant to the Swiss Federal Polytechnic Institute, Zurich.



□ Robert C. Davis, Colorado Springs architect, has become associated with the Woodmar Corporation as a consultant where he will coordinate home design. He has been chief of field supervision and a designer for Higginbotham-Nakata & Muir, architects and planners, Colorado Springs, since August 1966.



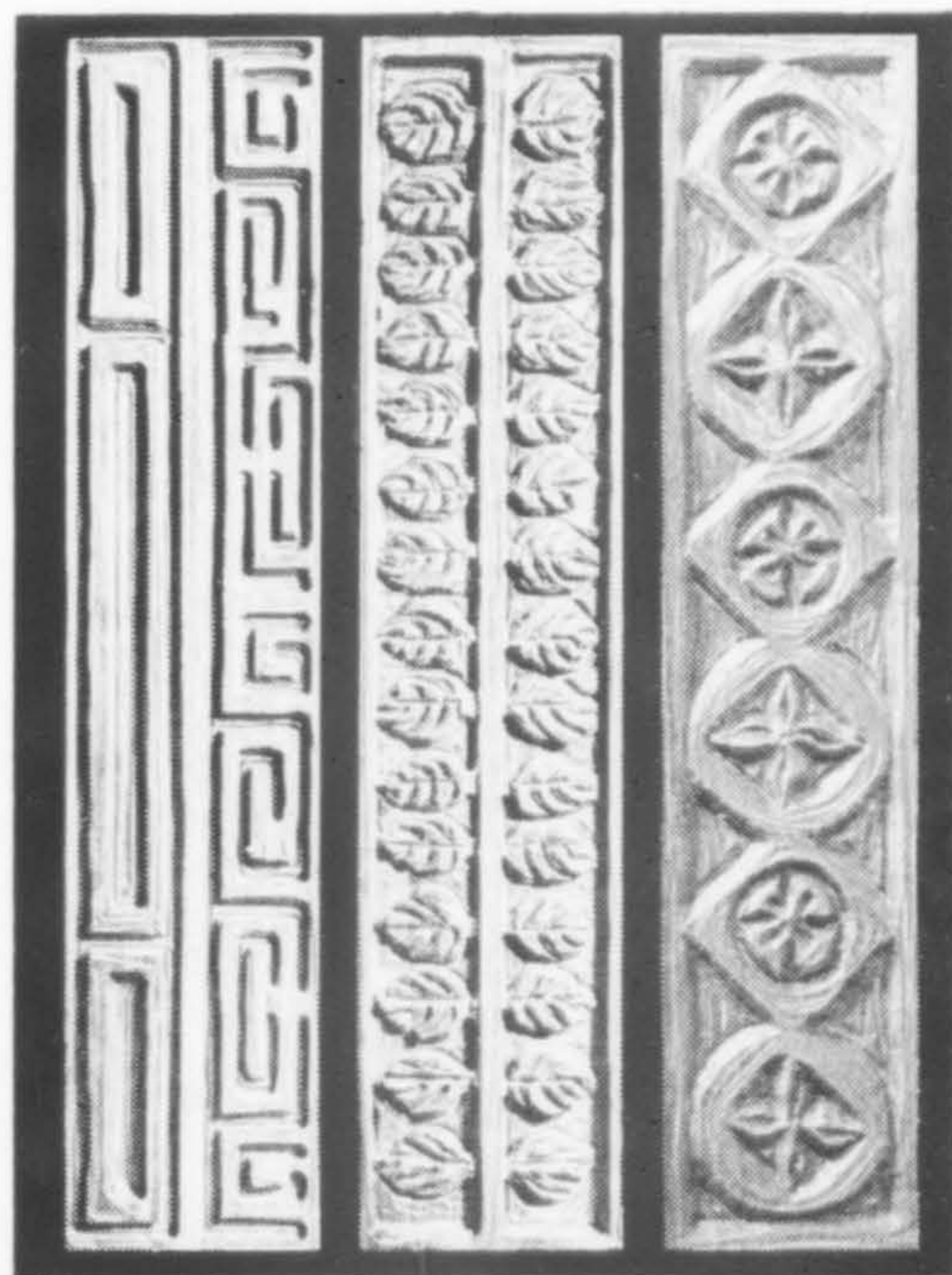
Mary Erckenbrack, noted artist and sculptor, has joined the color and interior design staff of Stone, Marzaccini & Patterson, architectural planning firm headquartered in San Francisco.

### Appointments

- Architect E. Gene Kershner has been appointed principal project planner, Stanford Planning Office, Stanford University, succeeding Royal H. Tyson who has resigned to become university architect at California Institute of Technology, Pasadena. Kershner joined the Stanford staff in 1957.
- John Dyckman, consultant to the New York City Planning Commission, has been named chairman of the Department of City and Regional Planning on the Berkeley campus of the University of California. He succeeds Donald Foley who will do research work in England.
- Architect Donal P. Rounds, Ashland, Oregon, has been appointed to the Jackson County Planning Commission for a four-year term.
- Architect Ernest Born has been named a member of the San Francisco Art Commission, succeeding Burton Rockwell, FAIA, who has resigned.
- Medford, Oregon architect Peter D. Schmitz has been reappointed to the Medford Planning Commission for a four-year term.
- Los Angeles architect Kurt W. Meyer has been appointed to the Goals Council, initiated as a preliminary step to the development of a comprehensive master plan. Purpose of the program is to bring about close citizen cooperation with planning agencies in the decision-making process that leads to the master plan.

### News notes

- The City of Springfield, Oregon, has honored Donald H. Lutes, FAIA, by naming him Senior First Citizen for 1967. The citation is in recognition of the hours of service given to the community.
- Theodore C. Bernardi, FAIA, San Francisco, has been named chairman of the jury for the 1968 twelfth annual R. S. Reynolds Memorial Award. Victor Gruen, FAIA, Los Angeles, is the only other Westerner appointed to serve on the jury.
- Robert L. Durham, FAIA, Seattle, president of the American Institute of Architects, is one of four Fellows of the Institute named as honorary members of the College of Architects of Peru. The others are Marcel Breuer, FAIA; Philip Johnson, FAIA; Louis I. Kahn, FAIA, and Paul M. Rudolph, FAIA.
- Bennie Gonzales, Phoenix architect, has been named 1967 Man of the Year by the Phoenix Mexican Chamber of Commerce.
- Architect Richard J. Hunter, principal of Richard J. Hunter & Associates, Los Angeles, has been appointed an associate professor and visiting design critic in the department of architecture at Pennsylvania State University. He will commute between his office and the college.
- Frederick Montmorency, Salt Lake City architect, has been presented the annual award of merit from the Intermountain Chapter of Producers' Council. The award is given annually to an architect who makes an outstanding record of service to his community, who furthers the cooperative efforts of the American Institute of Architects and the Producers' Council, and who maintains a high standard of integrity in the practice of architecture. He is a partner in the architectural firm of Ashton, Montmorency, Brazier and Associates.
- Edward T. Foulkes, 93, Oakland, died December 10 after a lengthy illness. A native of Monmouth, Oregon, he attended Stanford University and the Massachusetts Institute of Technology. He began his practice in Oakland in 1906. Among his designs are the Tribune Tower building and the amphitheater concept in Joaquin Miller Park.
- James D. Wickenden, senior associate in the firm of Wurster, Bernardi & Emmons, Inc., San Francisco, died at his home in Berkeley on January 9. He had worked with William Wurster since 1932 and had been the firm's first associate since 1945. He was an architecture graduate of the University of California, Berkeley.
- C. A. Sundberg, 75, Idaho Falls, Idaho architect, died December 31, following surgery. He was principal in the firm of C. A. Sundberg Associates, Architects, and was a member of the state board of examiners for architects and engineers from 1926 until the time of his death.
- Walter E. Kelly, 87, Salem, Oregon architect, died December 21. He started his architectural practice in Calgary, Alberta, later joining Henry Ford in Michigan, for several years. He designed Ford's mansion and a building for Ford in Cork, Ireland. He practiced several years in Portland where he designed 62 churches and several nursing homes and small hospitals. He followed the same line of design after moving to Salem.



### CARVED WOOD

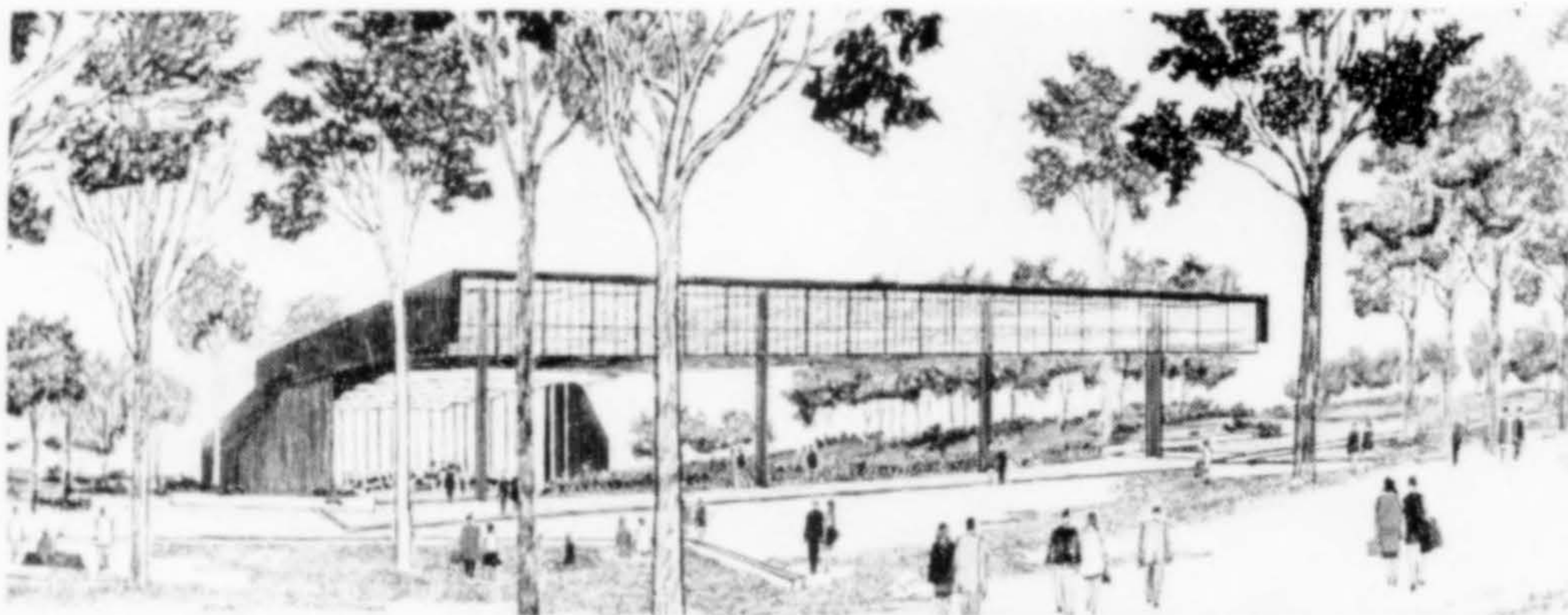
Designed with a contemporary flair—deep carved by craftsmen with an appreciation for the medium. Luxurious design at a practical price. *Send for our brochure.*

#### WALTER GRAHAM STUDIOS

412 Washington St., Wenatchee, Wash. 98801

#### REPRESENTATIVES AND SHOWROOMS

LOS ANGELES • Ben Stanton, 474 N. Robertson Blvd.  
 SAN FRANCISCO • Wallpapers, Inc., 463 Jackson Sq.  
 OAKLAND • Wallpapers, Inc., 584 Grand Avenue  
 DENVER • Chas. J. Eisen, 375 South Colorado Blvd.  
 SEATTLE • William F. Land, 306 Occidental Avenue  
 PORTLAND • Wallpapers, Inc., 22 N.W. 23rd Avenue  
 SALT LAKE CITY • Rio Grande Lbr., 540 W. 2nd S.  
 HONOLULU • Wallpapers, Inc., 3654 Wai'alea Ave.



*The Merrivether Post Pavilion of Music, summer home of the National Symphony, is the first public building in the new town of Columbia, Maryland. It was designed by Los Angeles architect Frank Gehry, partner in the firm of Gehry, Walsh & O'Malley, who also maintain offices in Baltimore, Maryland.*

**New addresses**

GALE SANTOCONO—352 Golden Gate Ave., San Francisco, from Walnut Creek.

EVERETT L. TOZIER—219 N. Indian Hill, Claremont, Calif., from Pomona.

HENERY C. TOLL—10500 Princess Jeanne N.E., Albuquerque, New Mexico.

STANLEY M. BRENT, AIA, & ASSOCIATES—11950 San Vicente Blvd., Los Angeles.

DANIEL H. GOLTZ—639 Mission St., San Francisco.

ALEXANDER C. PRENTICE & Co.—1029 Corporation Way, Palo Alto, Calif.

RICHARD S. CLARK—Philmont Scout Ranch, Cimarron, New Mexico, from Santa Fe.

J. E. MILLENSIFER—1951 South Locust St., Denver, Colorado.

ALBERT C. MARTIN & ASSOCIATES—Union Bank Square, 445 S. Figueroa St., Los Angeles.

JOHN L. GIUSTI, AIA—1261 Second Ave., Salt Lake City, Utah.

GEORGE M. SCHWARZ—Dekum Building, 519 S.W. 3rd, Portland.

FRANK H. KENDALL—1442 S.E. Hawthorne, Portland, Oregon.

DALE H. LONG, South King County office—604 West Meeker St., Kent, Washington, from Auburn.

WILLSON & WILLIAMS, AIA — 2855 East Coast Highway, Corona del Mar, Calif.

PANUSHKA & PETERSON, Architects—Walker Bank Bldg., 12th floor, Salt Lake City.

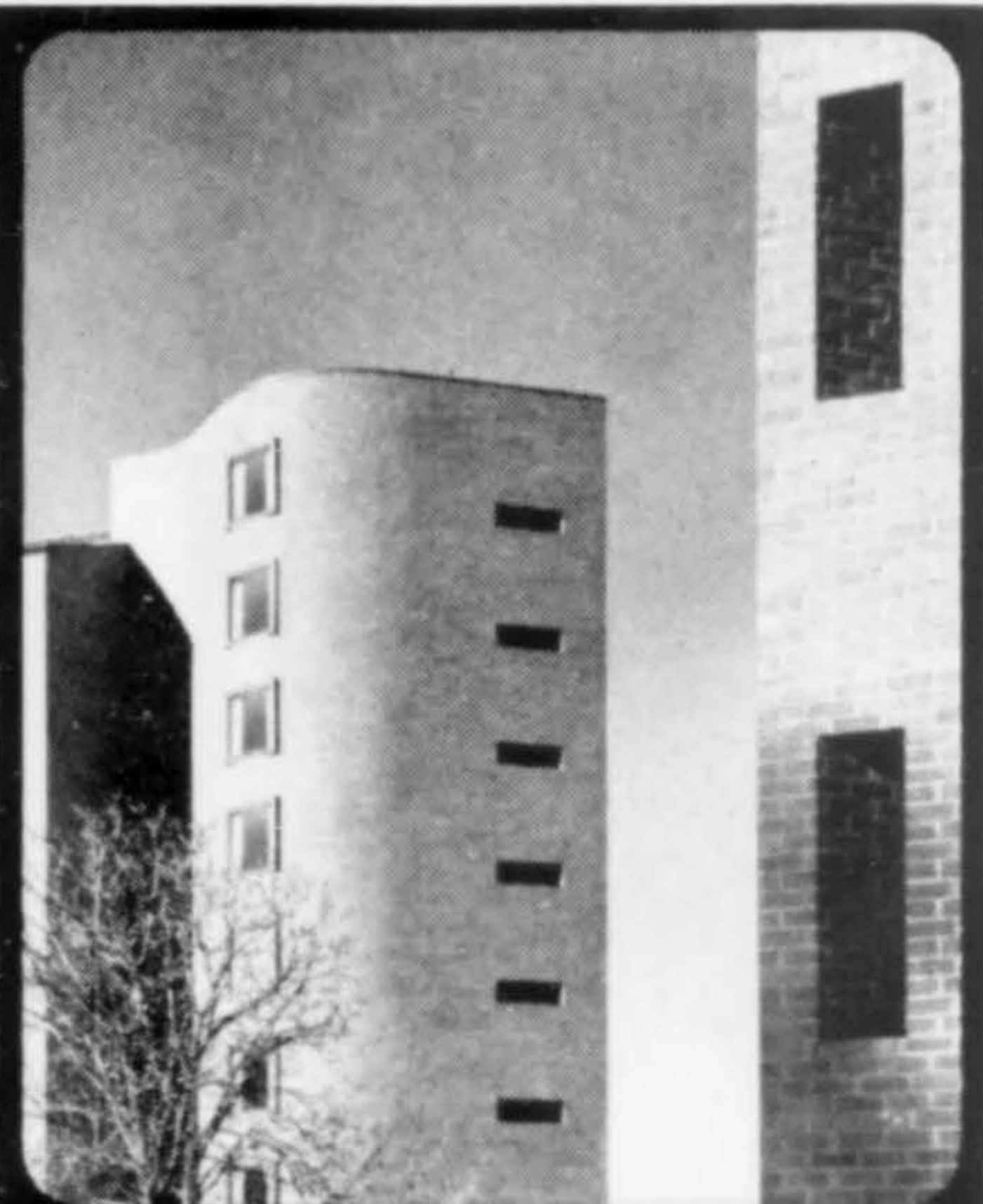
**ARCHITECTURAL DESIGNER**

Progressive, expanding architectural firm seeks a highly talented and experienced architectural designer. Salary and future potential commensurate with abilities. Experience in institutional, multi-family, commercial and planning design. Registered architect with minimum of a Bachelor of Architecture desired. Send resume to:

Broome, Selig & Oringdolph, Architects  
P. O. Box 16130  
Portland, Oregon 97233



MATHES AND NASH RESIDENCE HALLS  
WESTERN WASHINGTON STATE COLLEGE, BELLINGHAM  
HENRY KLEIN AND ASSOCIATES, ARCHITECTS



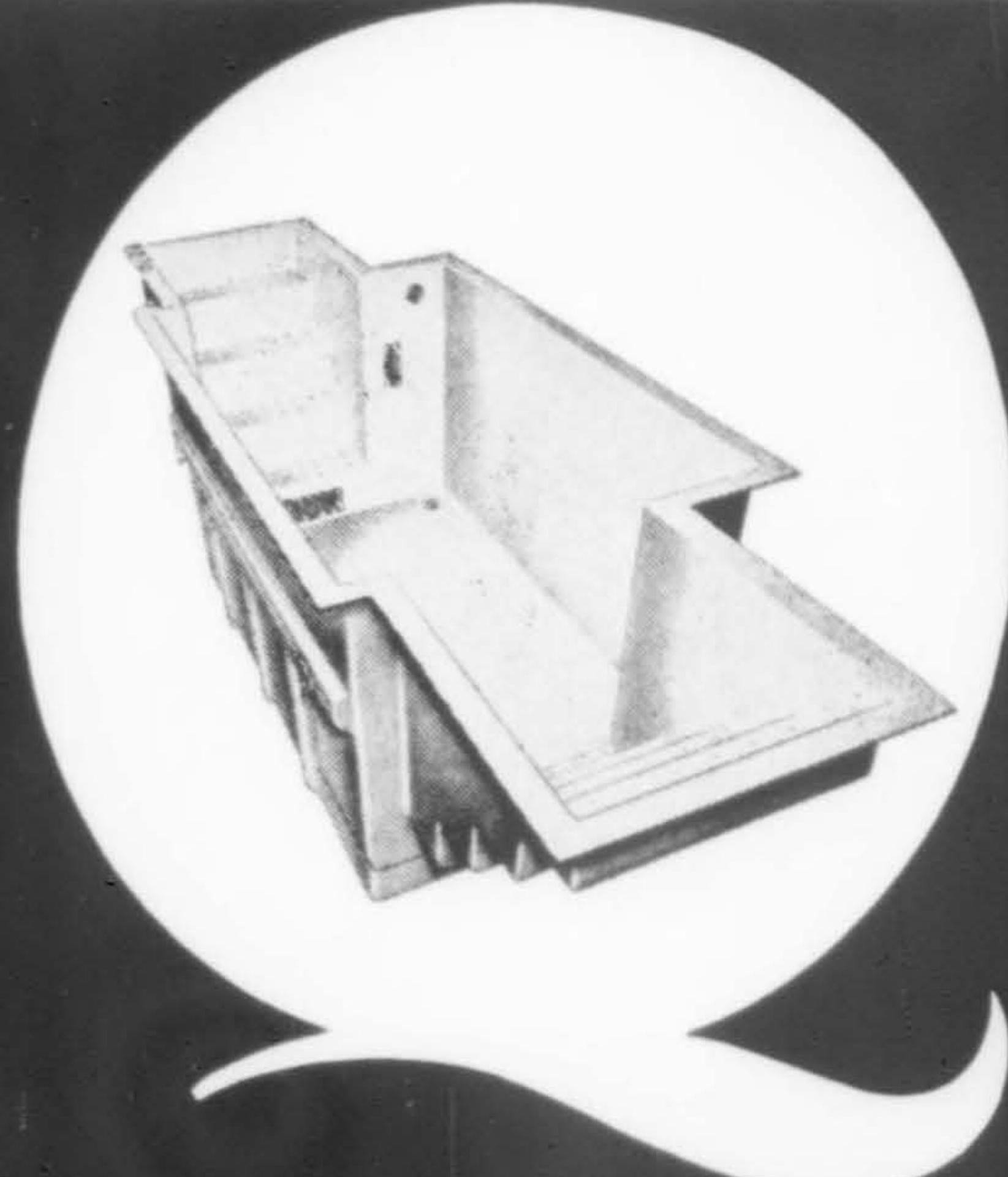
Residences,  
large and small  
are natural for  
people scaled  
**BRICK.**




**mutual materials co.**  
BUILDERS BRICK PRODUCTS

## Elections


- Officers for the Orange County chapter, AIA, for the coming year:  
 Murton L. Willson, Corona del Mar, *president*  
 Sotiros Grillias, Santa Ana, *vice president* and *president designate*  
 Jack A. Bassler, Santa Ana, *secretary*  
 Donald J. Fears, Anaheim, *treasurer*  
 Robert M. Thomas, Costa Mesa; James M. Sink, Newport Beach; Donald M. Brown, Anaheim; Coulson Tough, Irvine, and Ronald Yeo, Garden Grove, *directors*
- Members of the Central Arizona Chapter, AIA, have elected the following to serve during 1968:  
 Richard M. Arnold, Phoenix, *president*  
 L. Don Miller, Phoenix, *vice president*  
 Calvin C. Straub, Scottsdale, *secretary*  
 John Sellisanti, Phoenix, *treasurer*  
 Peter A. Lendrum, Herbert W. Schneider and Robert Sexton, all Phoenix, *directors*
- The Alaska Chapter, AIA, has elected the following officers:  
 Harold Wirum, Anchorage, *president*  
 Ken Maynard, Anchorage, *vice president*  
 Donald Stetson, Fairbanks, *secretary*  
 Douglas Ackley, Fairbanks, *treasurer*  
 Edward E. Sands, George Filler and Steve Forrest, all Juneau, *directors*
- New officers for the Billings Architectural Association:  
 Russ Cromwell, *president*  
 Terry Nobles, *vice president*  
 Charles Sumner, *secretary-treasurer*
- Southern Arizona Chapter, AIA, 1968 officers:  
 Fred H. Jobusch, Tucson, *president*  
 W. Kirby Lockard, Tucson, *first vice president*  
 Robert E. Bender, Tucson, *second vice president*  
 Robert J. Maassen, Tucson, *secretary*  
 James A. Gresham, Tucson, *treasurer*  
 William Wilde, F. Mark Edson, Gordon Heck, Richard A. Morse and William H. Cook, all Tucson, *directors*
- The following officers have been selected for the New Mexico Society of Architects, AIA:  
 Kenneth S. Clark, FAIA, Santa Fe, *president*  
 Beryl Durham, Carlsbad, *vice president*  
 Joe Boehning, Albuquerque, *secretary-treasurer*  
 Richard S. Clark and Albert S. Merker, both Santa Fe; Loren E. Mastin, Las Cruces; Frank M. Standhardt, Roswell, and John Reed, John P. Varsa and Robert G. Mallory, all Albuquerque, *directors*
- Officers for 1968, elected by the Southwestern Oregon Chapter, AIA, are:  
 Donald L. Smith, Eugene, *president*  
 James Bernhard, Eugene, *vice president*  
 Cy Stadsvold, Corvallis, *secretary*  
 Dan M. Herbert, Eugene, *treasurer*  
 DeNorval Unthank and Darrell Smith, Eugene, *directors*  
 Paul Edlund, Eugene, and John Briscoe, Eugene, *chapter representatives* to the Oregon State Council of Architects
- The Seattle Chapter, AIA, has elected the following slate of officers to serve for 1968:  
 Clayton Young, *president*  
 William J. Bain, Jr., *first vice president*  
 Robert Nixon, *second vice president*  
 Gerald Williams, *secretary*  
 Gary Shavey, re-elected *treasurer*  
 Robert Chervenak, Barden G. Erickson, Elton Gildow, L. Jane Hastings and Fred Bassetti, FAIA, *directors*
- Officers for 1968 of the San Diego Chapter, AIA, are:  
 Frank L. Hope, Jr., *president*  
 Robert Mosher, *vice president*  
 Fred R. Livingstone, *secretary*  
 John C. Stevenson, Jr., *treasurer*  
 Stanley Ring and Paul McKim, *directors*
- Officers for the coming year of the Reno Chapter, AIA:  
 Raymond Hellmann, *president*  
 Edward S. Parson, *vice president*  
 Esley D. Harden, *secretary*  
 Theodore E. Selden, *treasurer*  
 Joe Harden, Rodger Simpson, Graham Erskine and Ralph Casazza, *directors*
- The Northern California Chapter, AIA, has elected the following officers for 1968:  
 Henrik Bull, San Francisco, *president*  
 George Agron, San Francisco, *vice president* and *president designate*  
 John L. Field, San Francisco, *secretary*  
 Elmer E. Botsai, San Francisco, *treasurer*  
 Max Garcia, Darryl Roberson, William McCormick, Karl Treffinger and William Watson, all San Francisco, *directors*.



**Quality by Wiedemann**



**IN SPIRES**  
(unit-molded fiberglass)



**IN LIGHTING**  
(Aluminum . . . in 5 styles)

**IN BAPTISTRIES**  
 (originator of the fiberglass baptistry . . . and leading baptistry specialist)

Write for free information kit. See Sweet's Architectural File

**Wiedemann Industries, Inc.**  
 Box 672, Muscatine, Iowa 52761 Phone: 319-263-6642



*Where the architects  
hang their hats . . .*

**RICHARD BOUILLON & COMPANY**  
Seattle, Washington

THE BRICK-WALLED office building, built as an investment by Simone Construction Company, is divided into four rental suites, one of which is occupied by the designing firm, Richard Bouillon & Company, Architects.

Partial excavation permitted a split entry with easy accessibility to upper and lower levels. Sunken courts are visible from both levels. Privacy from a busy thoroughfare was achieved by means of a high SCR brick wall on the busy side and a buffer of sunken courts and wood screening on the minor street side. Interior finish has custom designed paneling. Colors throughout are pearl gray brick, deep umber, off-white and gold.

The Bouillon staff numbers seven: Richard Bouillon, principal, has a B.A. from the University of Washington; Harry B. Rich, just named partner this February, is a graduate of Oklahoma State University; Robert Aujla is an associate of the company.

The work is varied, ranging from restaurant interiors to office structures, from banks to auto showrooms.



*Charles R. Pearson photos*





*Eloy Junior High School  
Eloy, Arizona*

**a**



*Carl Sandburg Elementary School,  
Littleton, Colorado*

**b**



*Sunrise Elementary School  
Tucson, Arizona*

**c**

## **Three Schools**

**a**

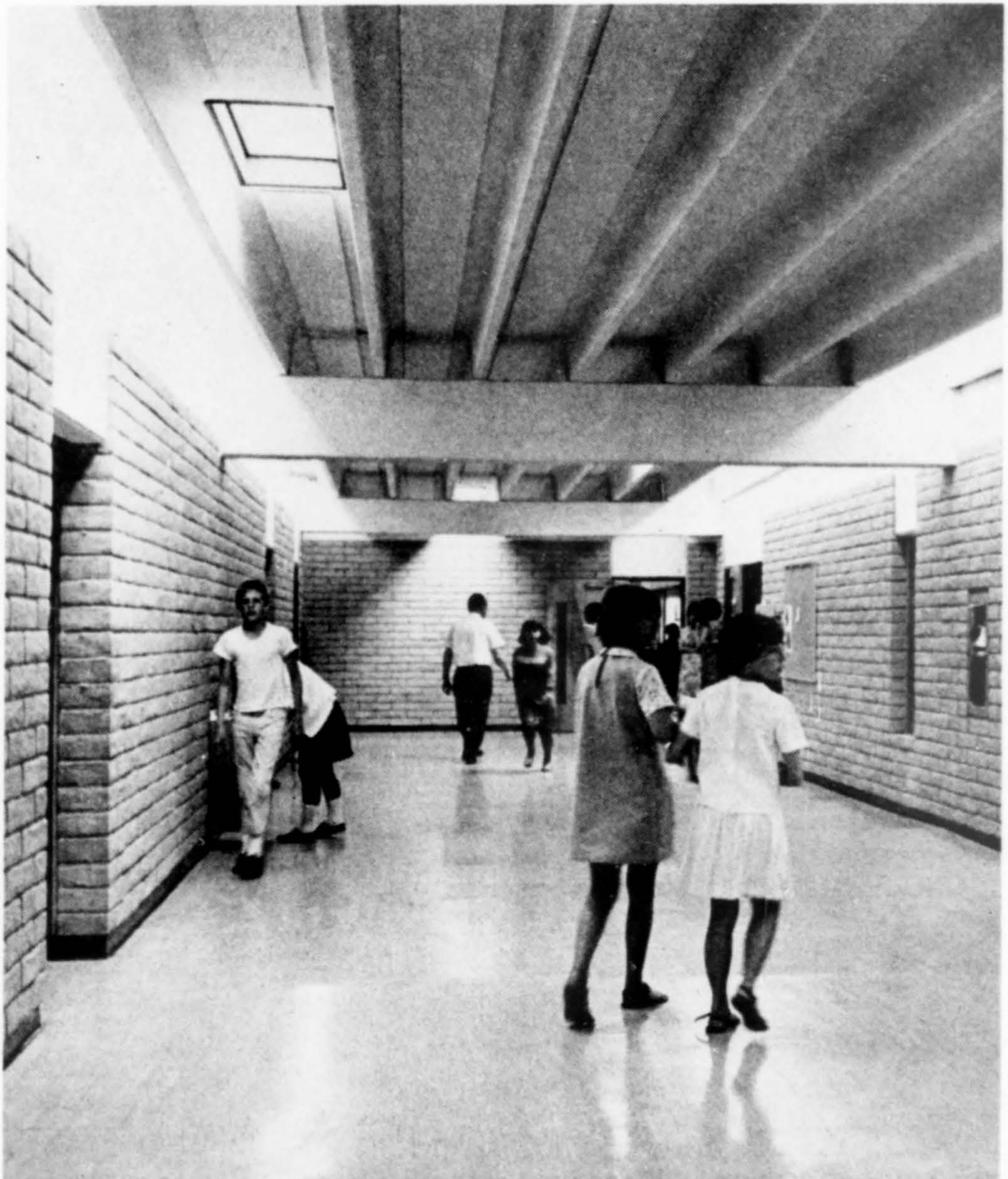
ELOY  
JUNIOR HIGH SCHOOL  
Eloy, Arizona

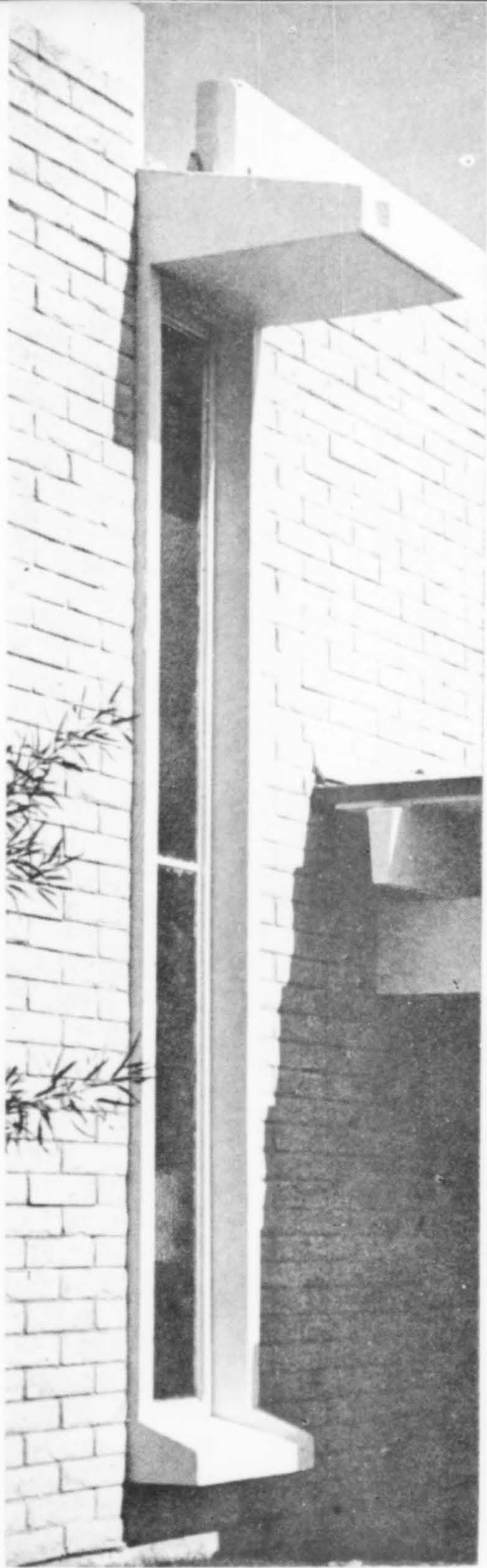
BENNIE M. GONZALES  
Architect

TWO FACTORS were paramount in the design solution of the new junior high school in Eloy, a farming center about halfway between Tucson and Phoenix: it is a developing area and the construction budget was minimal.

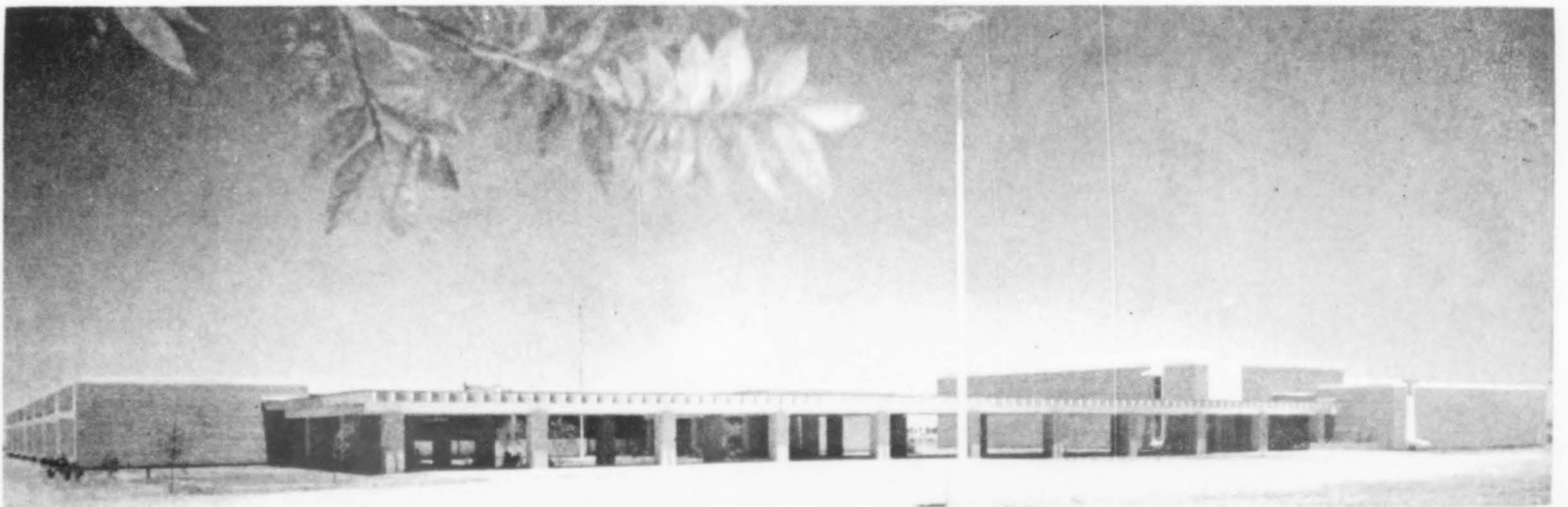
Because of the distance from the building trades (about 75 miles), shop produced items were used to minimize on-site work with the exception of a precast concrete structural system of double tees and precast window frames and scuppers. Walls and columns are exposed concrete slump block. The necessity for air conditioning (temperatures range from 24° to 116°) coupled with the additional expense of building in a rather remote area, cramped the small budget and were decisive reasons for abandoning such finishing touches as sprayed acoustical ceiling treatment and running light fixtures within the tee wells.

*Bill Sears photo*





*Neil Koppes photos unless otherwise noted*



**b**

CARL SANDBURG  
ELEMENTARY SCHOOL  
Littleton, Colorado

EUGENE D. STERNBERG  
and ASSOCIATES  
Architect

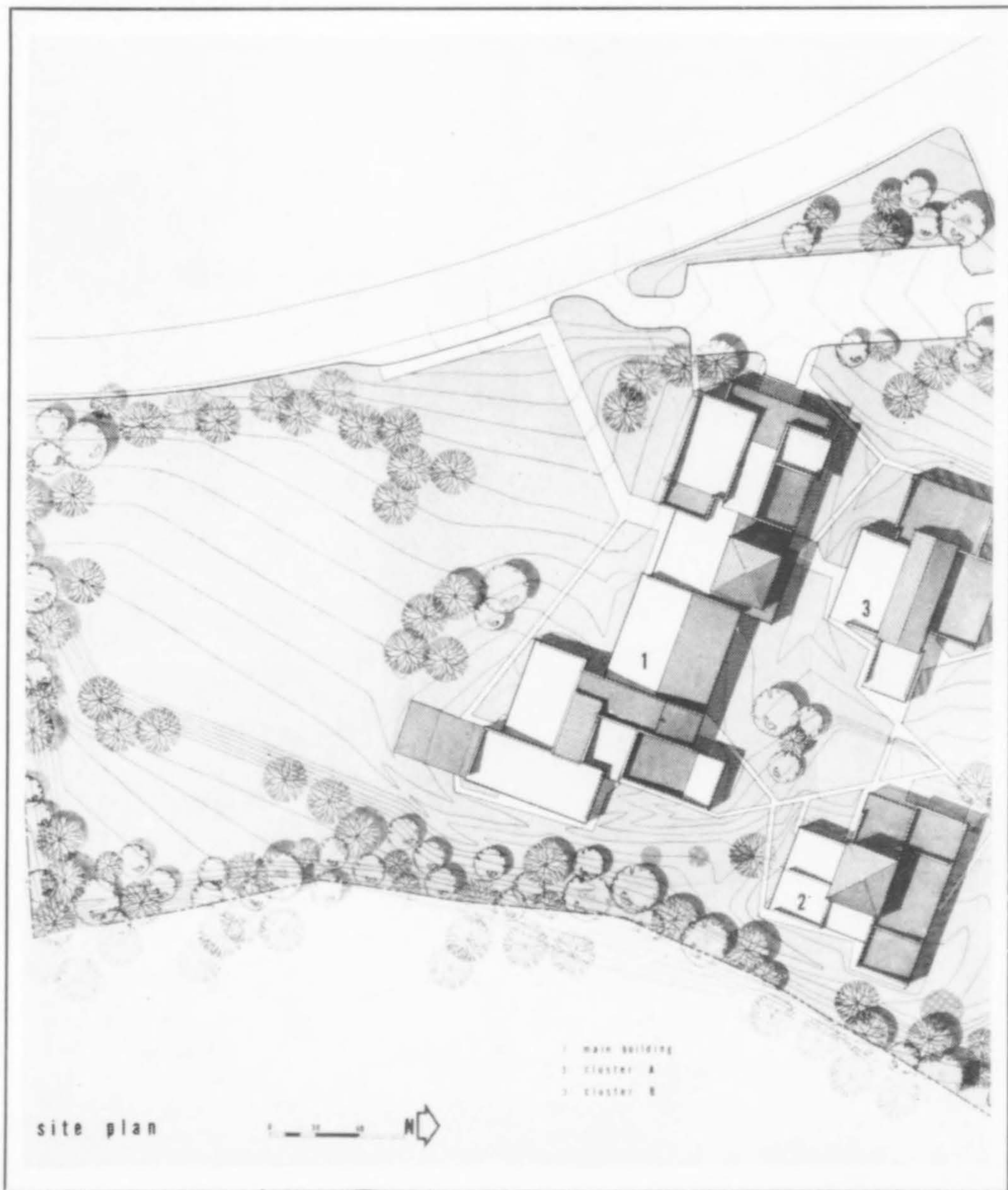
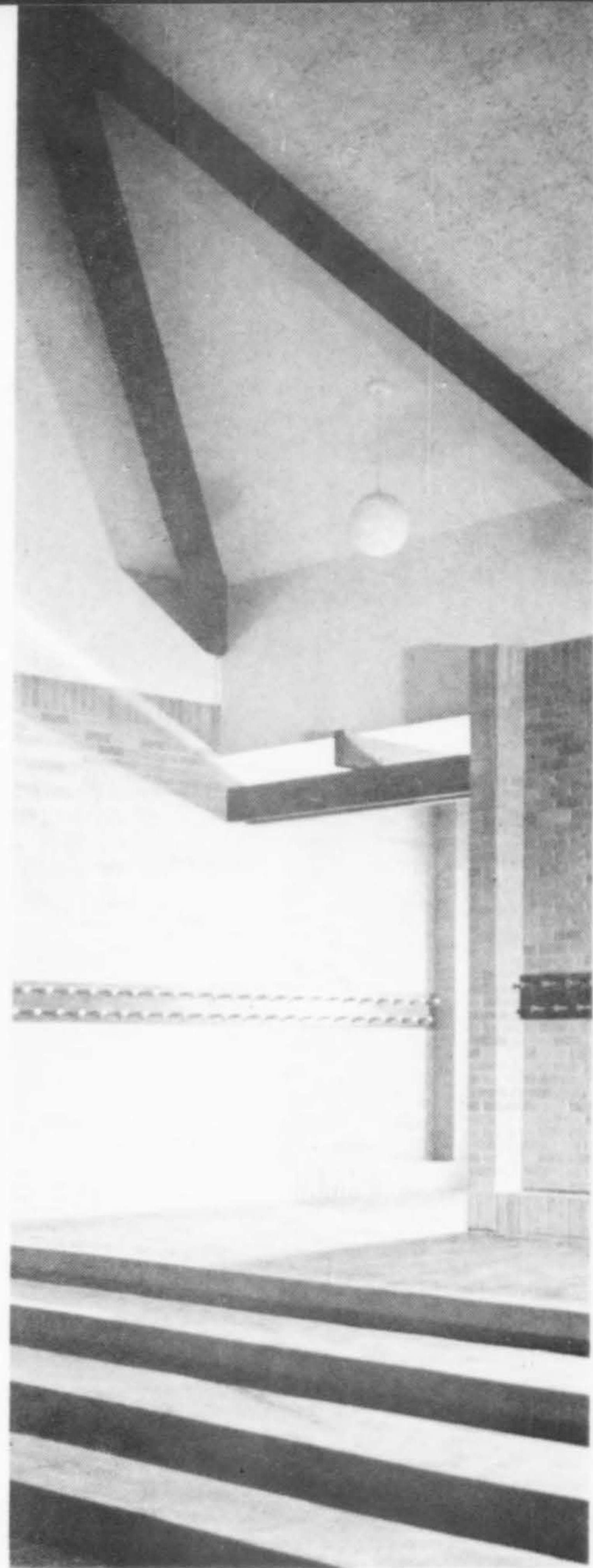
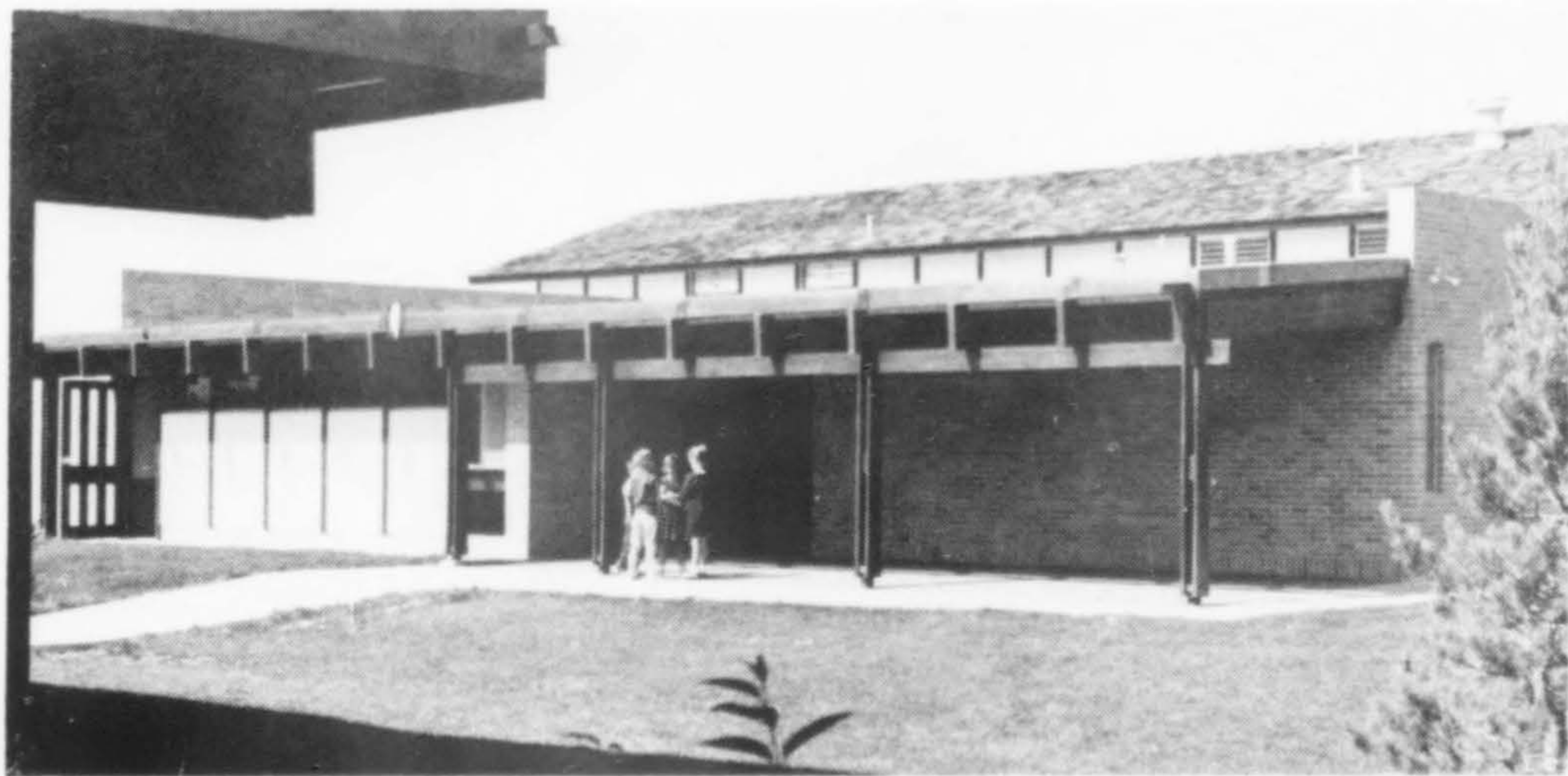


A CONCERNED and knowledgeable school district set forth these requirements: development of a program for a school with an enrollment of 640 children as related to a construction cost figure of \$900 per child and an area of 60 sq. ft. per pupil. The resultant program required 18 primary and intermediate classrooms, two kindergarten rooms, a multi-purpose room, art studio, administrative offices and library.

The architects' solution was based on the assumption that an educational program should have the following characteristics: the privilege of working with children in groups of 25 to 30; opportunities to organize individual and small group activities to meet individual needs; adequate emphasis on the "fundamentals" in the educational program but with provisions to take care of the health and recrea-

tional, cultural and avocational interests and needs of children; a strong emphasis on the inter-relationships of school and community; provision for flexibility and adaptability in all instructional areas, and an environment for children that is both pleasant and meaningful.

The one-story structure has masonry bearing walls, glulam timbers for roof, supporting dimension framing with plywood deck and one-hour gypsum board ceilings. Classrooms achieve a distinction with their kiva-like design, accented by steep roofs of wood shakes. Exterior of the building is brick and stucco with most interior walls of brick and block. Ceilings and upper portion of walls have acoustical tile treatment. Kiva and corridor floors are split paver brick with vinyl-asbestos in other areas, carpet in the offices and library.





**C**

SUNRISE  
ELEMENTARY SCHOOL  
Tucson, Arizona

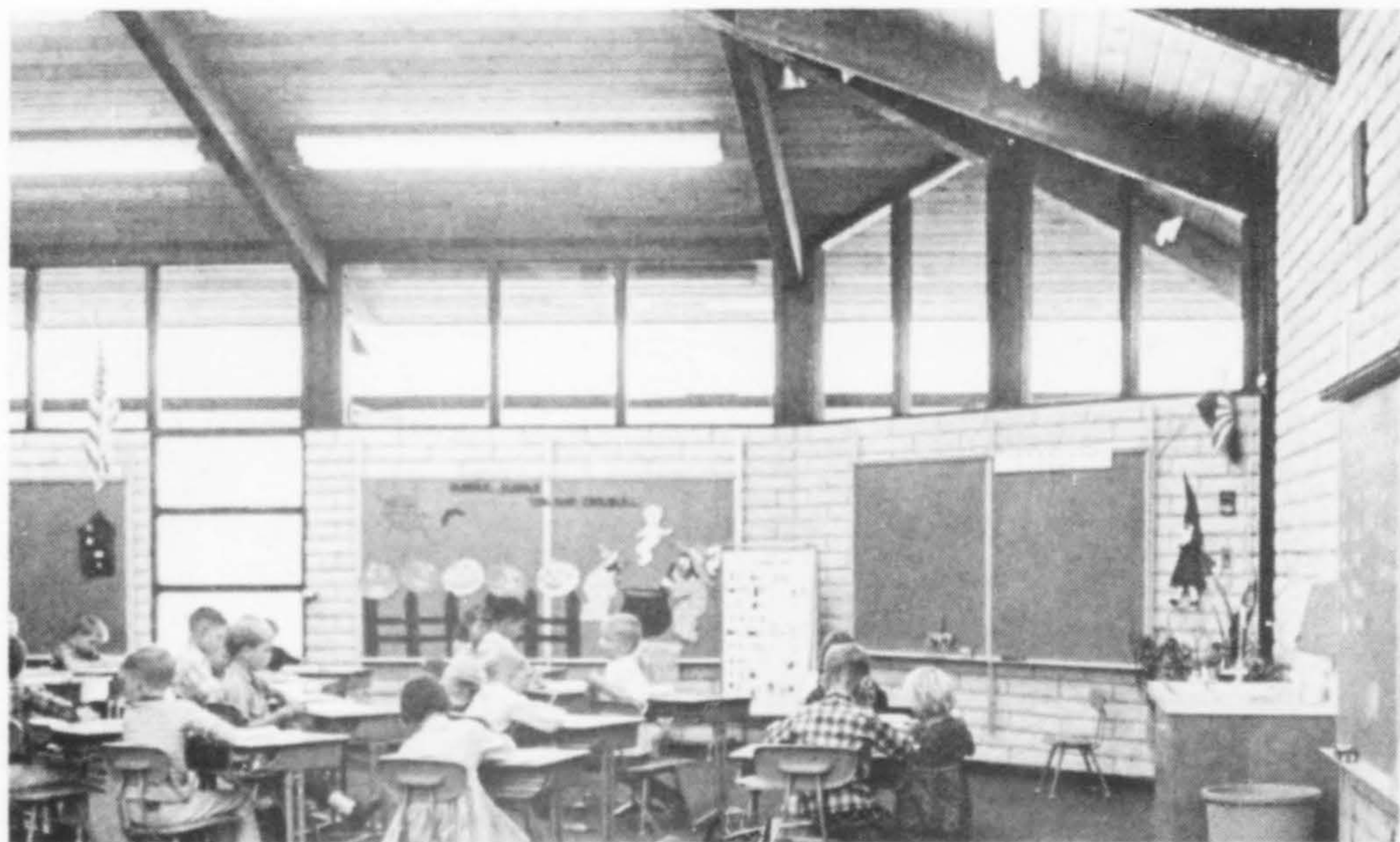
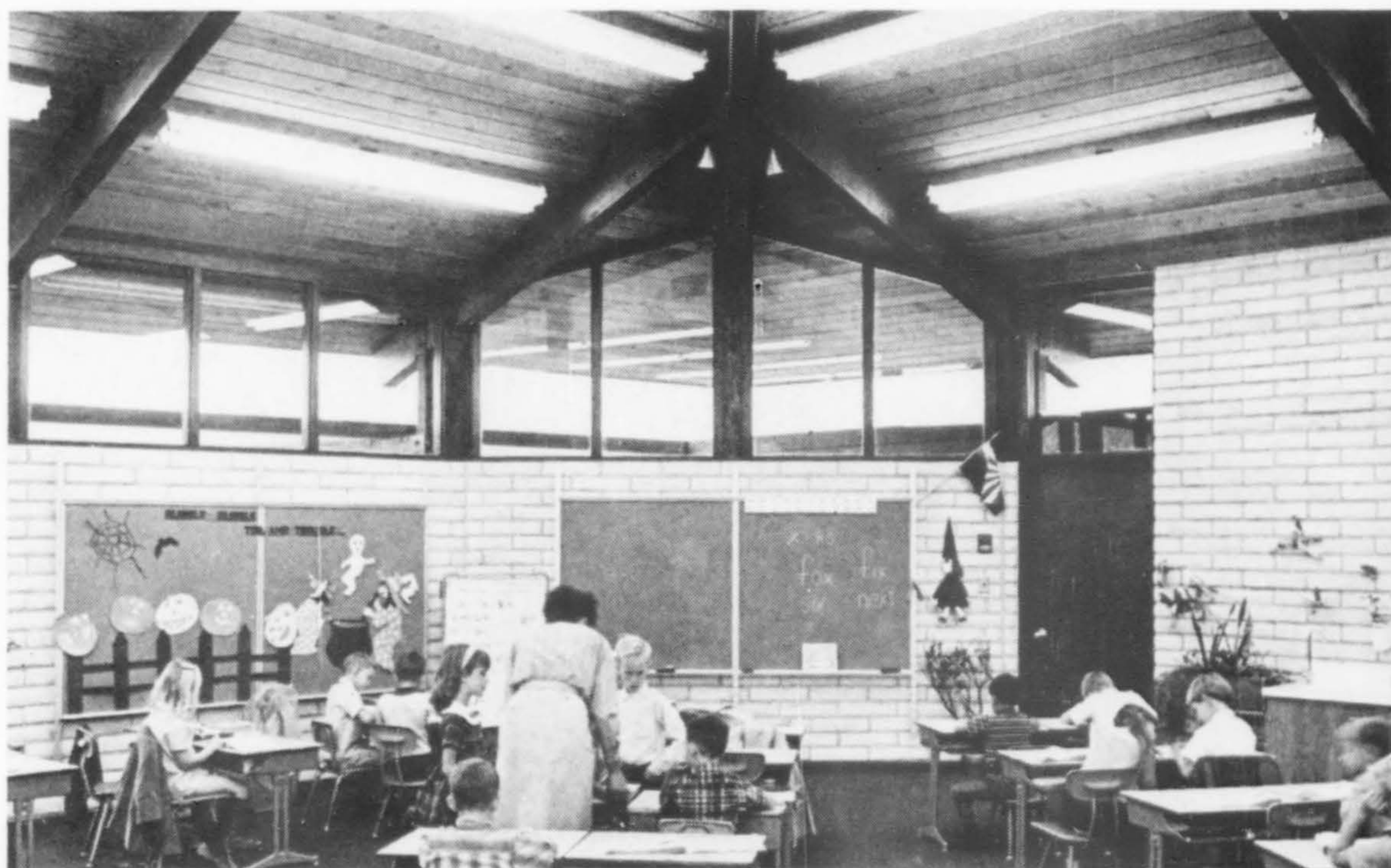
CAIN, NELSON & WARES  
Architect





THE QUALITY of the classroom space is apparent in the design concept of this small scaled school. The first phase has eight classrooms, combined in groups of four in each of two spaces, to accommodate 200 students in the first three grades. Classrooms have visual dividers only.

The location is in a small sloping desert valley surrounded by the foothills of southern Arizona where the bands of shade created by low flat roofs provide pleasant circulation. The sloping roofs shingled with wood shakes articulate the four classrooms. Exposed laminated wood rafters and sheathing are supported on steel columns.





## The function of one classroom: music

INSTRUMENTAL MUSIC ROOM, Culver City Junior High School, Culver City, California

BOYD GEORGI & ASSOCIATES, Architects

FLOYD WATSON, Acoustical Engineer

THE PROGRAM requirement for an Instrumental Music Room: an efficient and convenient facility that would muffle all sounds of music instruction from other parts of the school.

To fulfill this function, special attention to acoustics was given this room at Culver City Junior High. Since the intensity of instrumental music demands for its containment all the room volume and acoustical treatment that can be achieved, an 18-ft. rough ceiling height was provided. From this was suspended a grid of acoustical baffles, all sides and edges having absorptive surfaces. The apparent ceiling height, 14-ft., was visually established by the bottom edges of the suspended baffles, giving the room

an intimate feeling. Baffles are painted in tones of powder blue, coral and citron and the surrounding walls of alternating absorptive and non-absorptive materials in two tones of lime.

The Instrumental Music Room is the end room of a complex of three adjacent music rooms and a nine-counselor guidance unit. Three soundproof practice rooms are viewable through double-glazed walls from the instructor's podium.

The Music and Guidance Building, of which this room is a part, is one segment of a \$1.2 million, five-building program of expansion of the Culver City Senior and Junior High Schools built between 1962 and 1964.



# A place to call "home"

ECHO GLEN CHILDREN'S CENTER, Preston, Washington

RALF E. DECKER, AIA, Architect

RICHARD HAAG ASSOCIATES, Landscape Architects

C. E. SKINNER, INC., General Contractor

ECHO GLEN Children's Center is a State of Washington coeducational, diagnostic and rehabilitation center for delinquent boys and girls between 8 and 13 years of age. It is located on a 160-acre campus, along the shores of a small lake and in the center of 838 acres of land owned by the state, approximately 25 miles east of Seattle.

The program was to provide a co-educational juvenile facility for these children to replace two existing segregated institutions, scheduled for abandonment. The challenge was to create an atmosphere free of fear where a child could have the opportunity to act as a child. The children, all state charges, when admitted exhibit characteristics of being self-centered, rebellious, undisciplined and distrustful. Many have been rejected and are insecure. They are all somewhat disturbed and their sense of values misdirected. Outwardly, they appear as most normal children, and perhaps would be if their backgrounds had been different.

It is hoped that within this setting

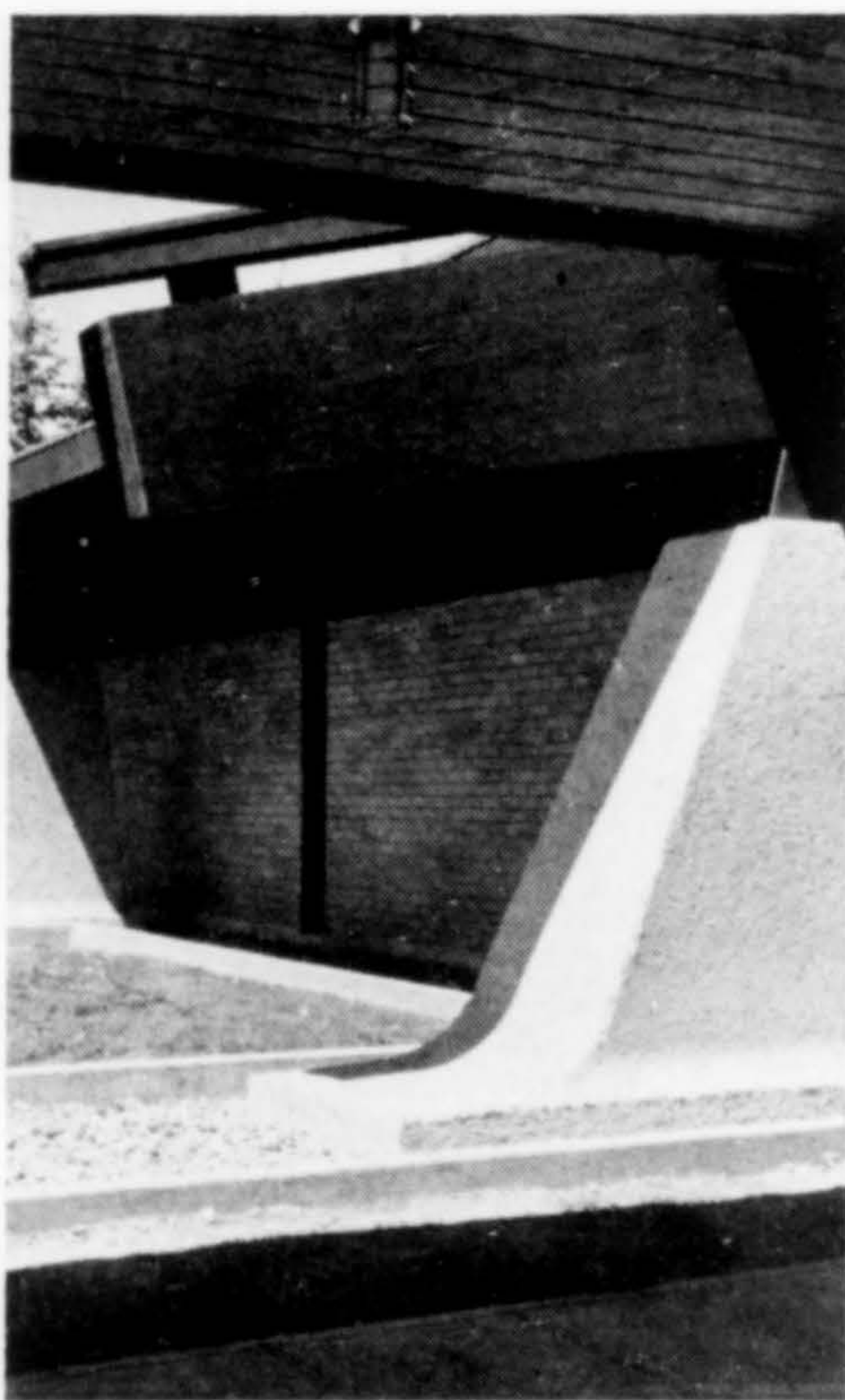




and with a competent staff, each child can be returned to society, following six months to two years of treatment, as a future useful citizen.

This is a complete facility, planned for its ultimate size, comprised of an administration, clinical and infirmary building; commissary, food facilities and staff dining room; library, classrooms, arts, crafts, manual arts and home economics department (all part of the Snoqualmie School District); and a recreational building which includes gymnasium, regulation pool, and a chapel for worship. Thirteen cottages (eight for boys, five for girls) are complete living quarters for the children. Each cottage is a separate entity providing housing for 16 youngsters. There are separate bedroom arrangements for each child. The atmosphere within the cottage is as close as possible to that of a normal home with living space, dining space, kitchen facilities for special food preparation as desired, and rooms for arts, crafts, TV. Cottages are manned

## A place to call "home"



*Charles B. Pearson photos*



24 hours a day by house parents with quarters in each cottage for the staff member. A cottage preparation kitchen serving individual meals is serviced by mobile heated food carts carrying food from the commissary. Meals are served in the dining room of each cottage.

Principal buildings on the site follow an inverted "U" shape with the open end facing the lake. The administration building, commissary, school and recreation building form an upper campus with the cottages grouped individually into two lower complexes near the lake. Cottages are separated by sufficient distance or by visual screening to enable the individual cottage morale to become an important element. The interior of the "U" forms a gently sloping open area down to the lake's edge. This space is crossed by many walkways and is the principal traffic route. At its focal point is an open air amphitheater with provision for outdoor dramatic presentations, communal singing and camp-

fires. All walkways, buildings, courtyards and roadways are carefully lighted so as to decrease the hazards of nighttime supervision.

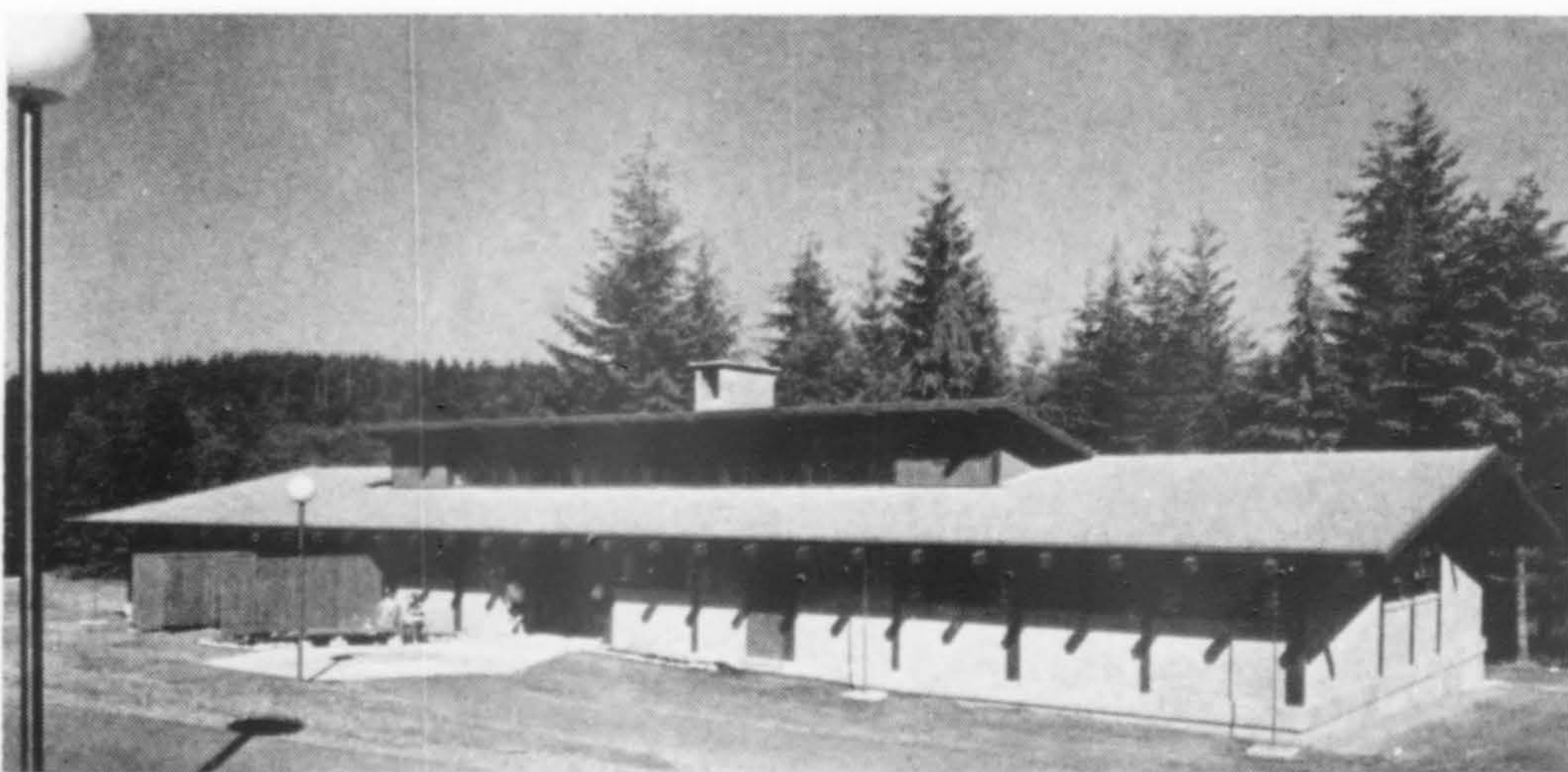
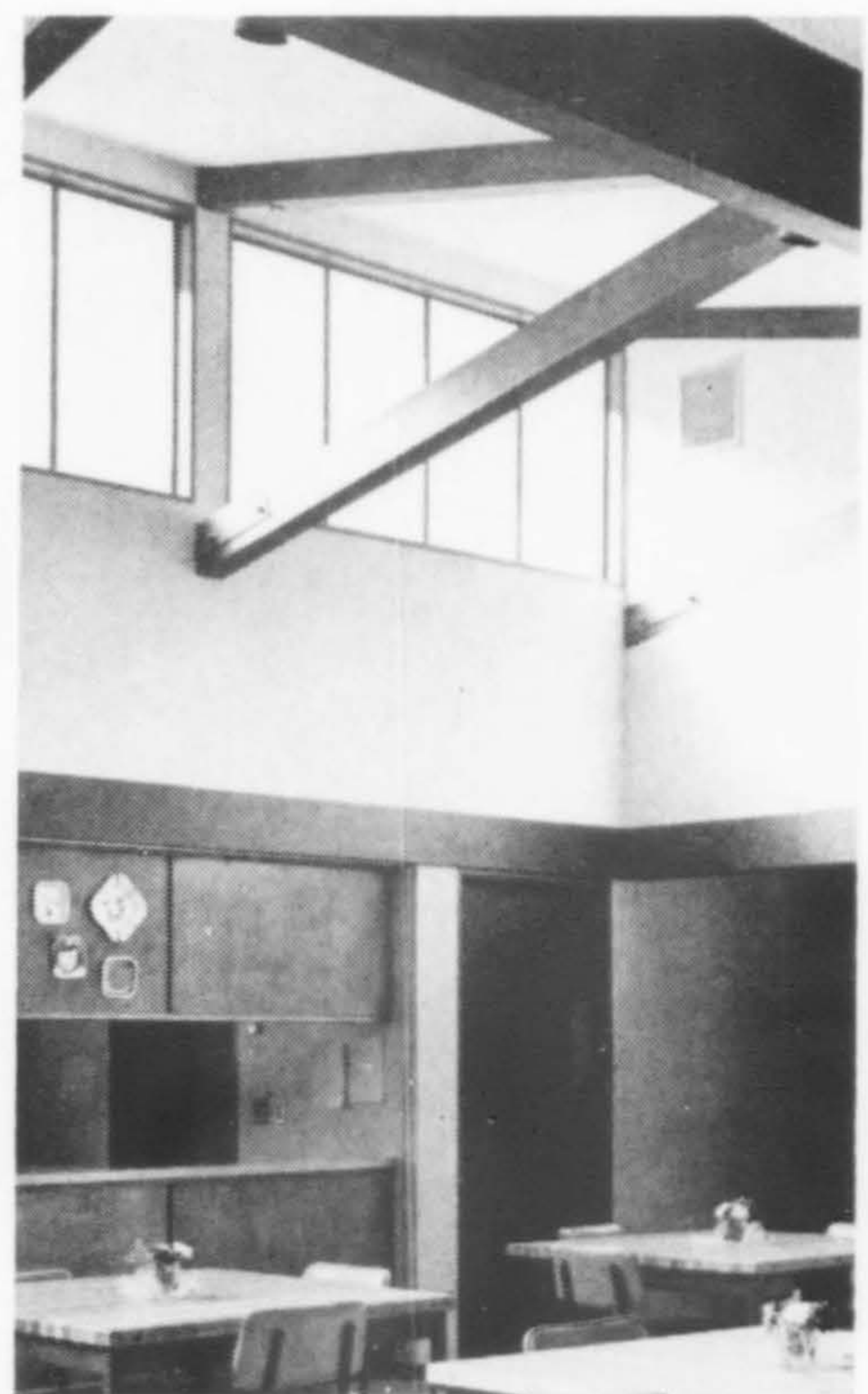
The administration building serves as the control center for the entire institution. It is so located that visual control of the entire campus can be maintained. Classrooms in the school building accommodate not more than 12 students at one time so that each child can receive individual attention in a regulated environment at the elementary school level. The library, part of this building, is situated so that it is accessible at other than regular school hours. The recreation building serves as an integral part of the school program enabling the youngsters to participate in an accredited physical education program. Athletic fields for organized events are directly behind this building. (Each cottage has its own play yard for informal activities.) Religious services are held in the auditorium of this building. Offices for Protestant and

Catholic chaplains are in close proximity.

The design criteria for individual buildings and their settings has been established with an appreciation for the scale and needs of the users. The overall feeling is one of openness and freedom in a warm and friendly environment, respectful of individual rights and dignities. Many and varied opportunities have been included for the child to explore, experience outdoor activities, hear the sounds of nature and to live a wholesome life.

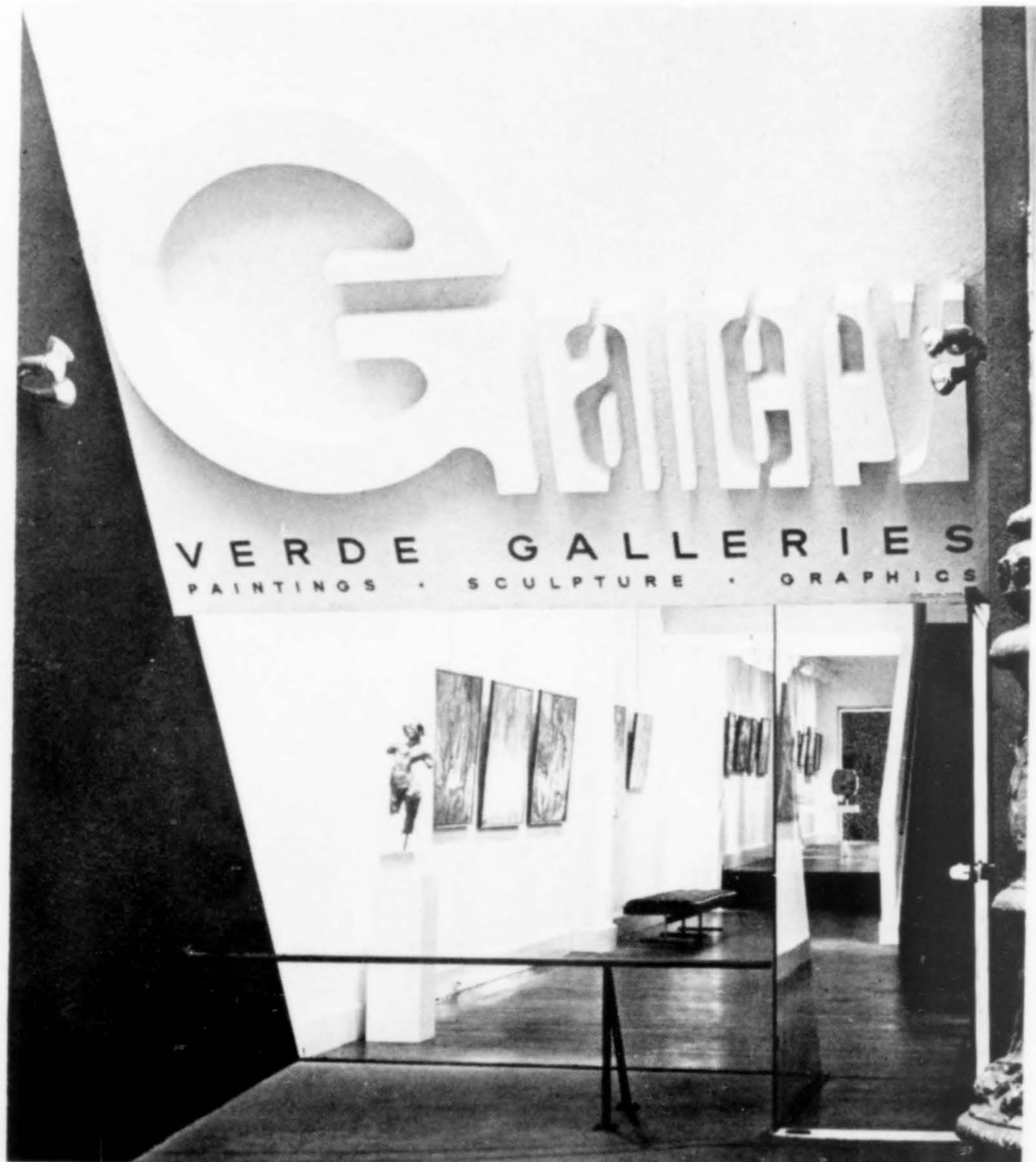
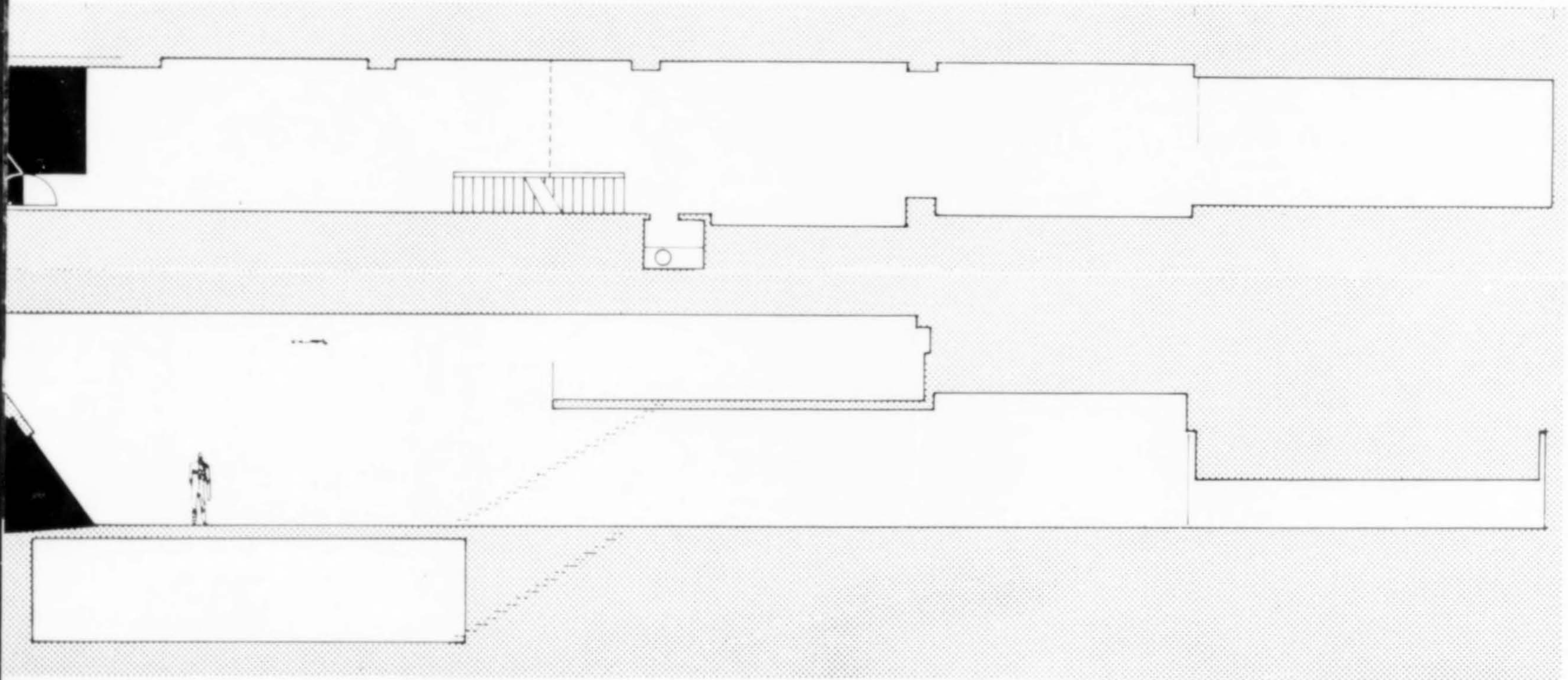
The facility is administered under the Department of Institutions, Division of Juvenile Rehabilitation. The cost was \$4,600,000.

Consultants were Charles E. Kitchin, structural engineer; Kane & Ervin, mechanical engineer; Beverly A. Travis & Associates, electrical engineer; Urban, Inc., mechanical contractor, and Van S. McKenny, Inc., electrical contractor. Warren Brown was supervising architect, state division of engineering and architecture.



# Gallery: one with the street scene

MOORE GALLERIES, Inc. (formerly Verde Galleries) San Francisco, California  
BARKER & McCARTHY Architects



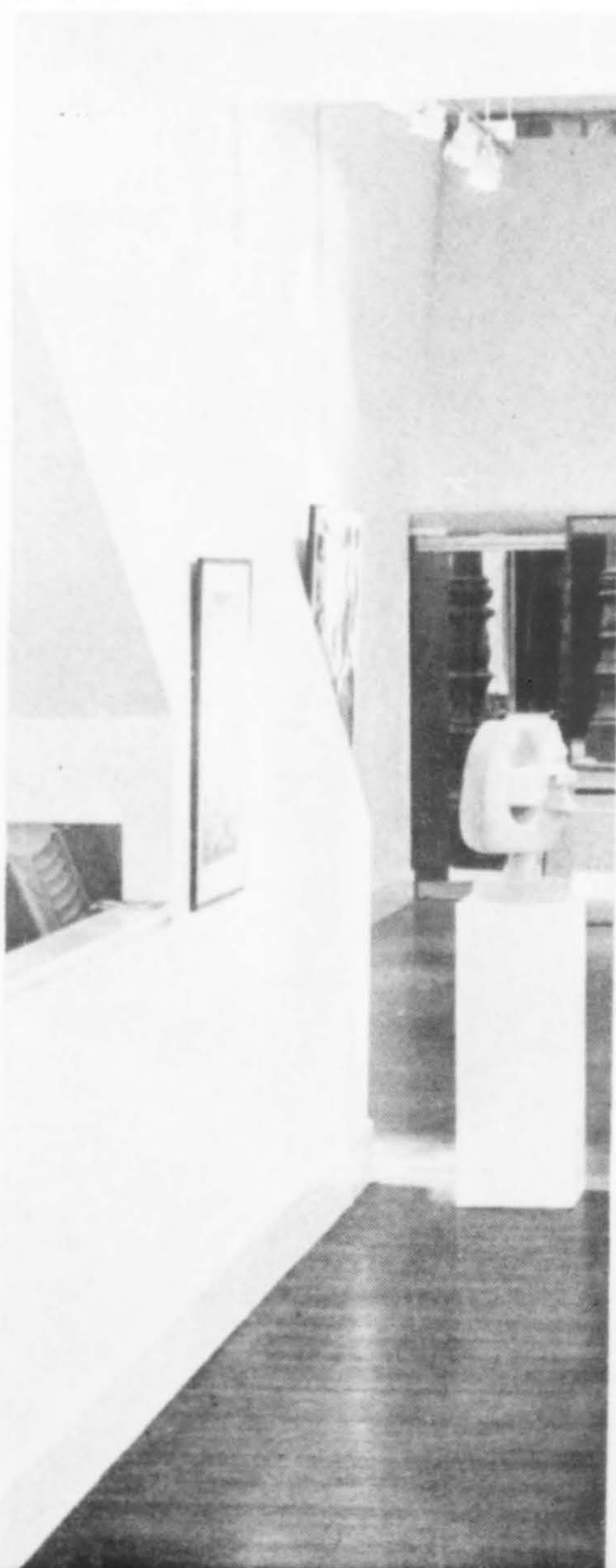
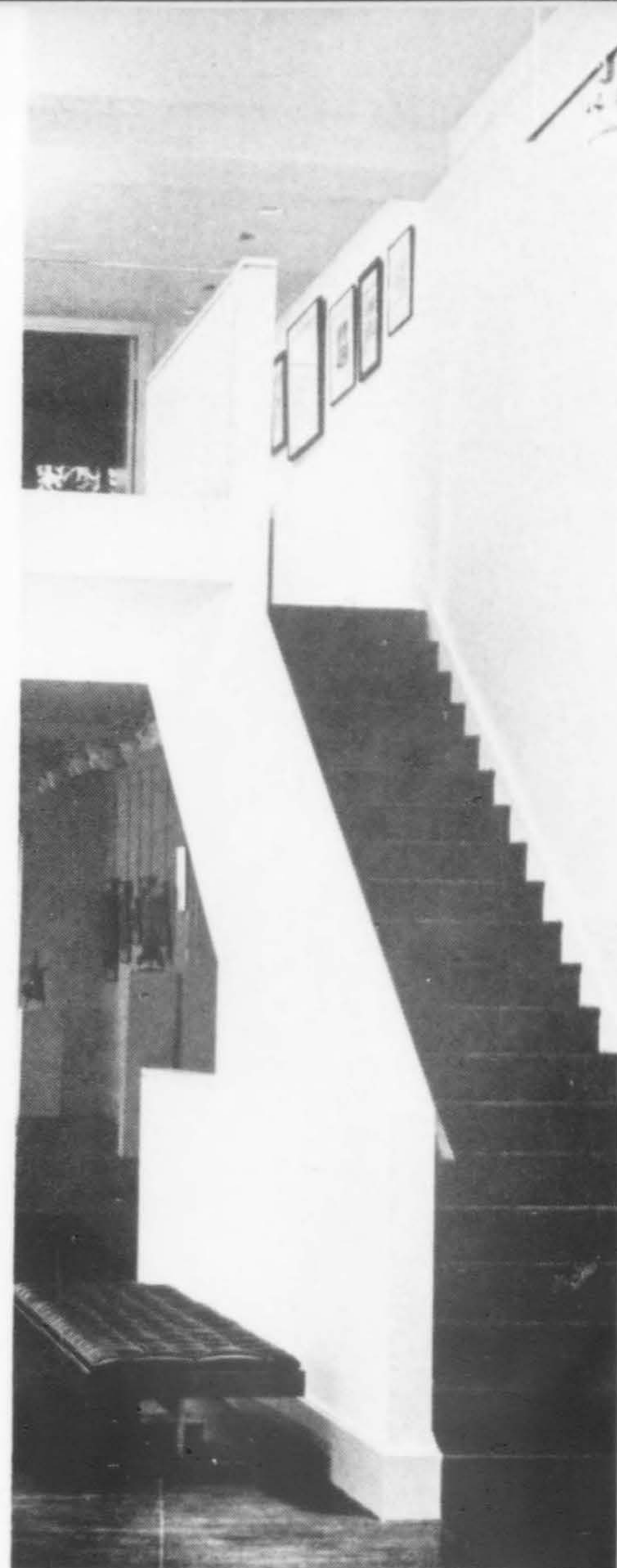
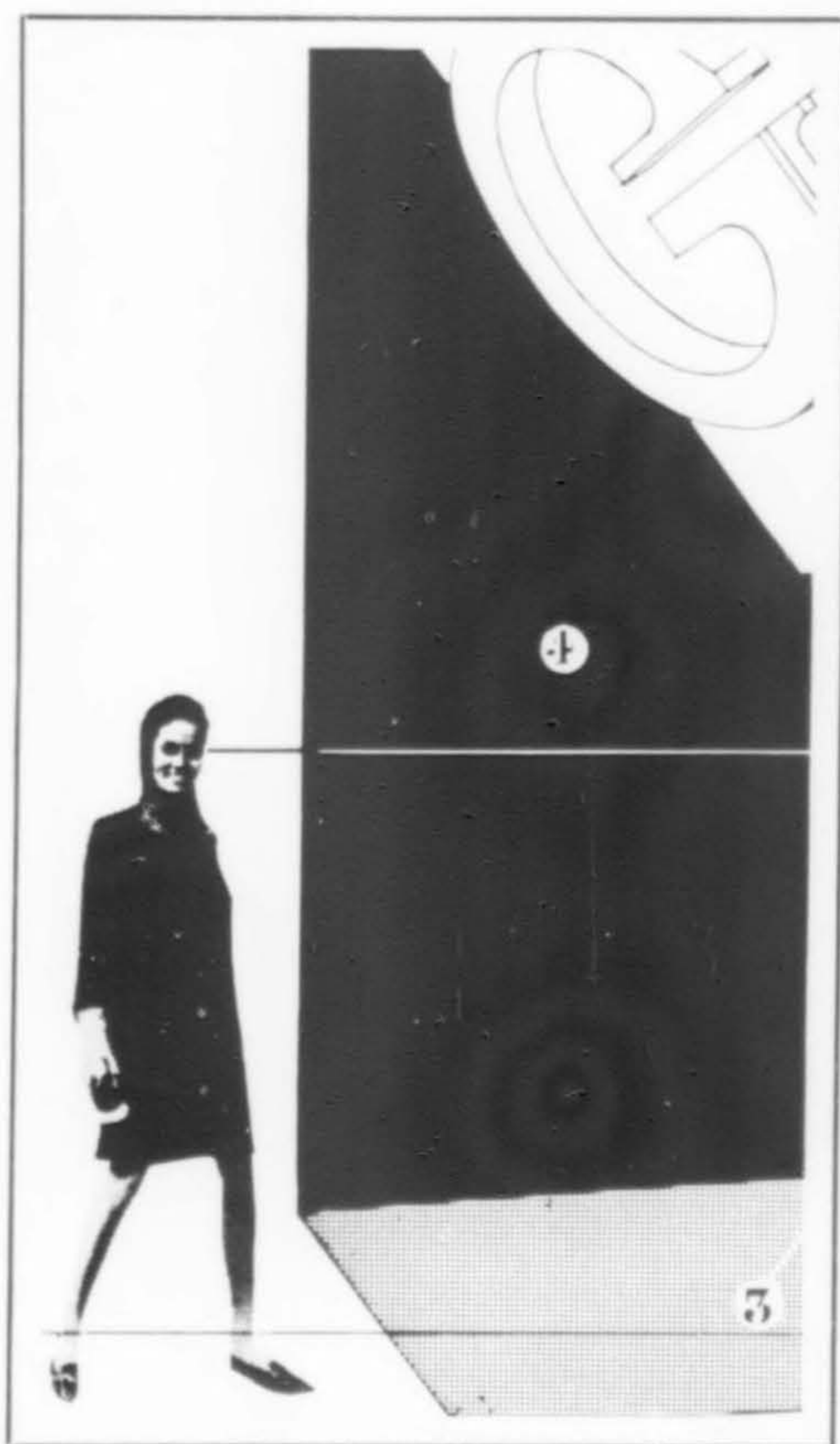
THE PROBLEM presented was the conversion, within a very limited budget, of an antique store into a gallery for modern art.

Because of the narrow dimensions of the building front (12x18-ft.), it was decided that the entire depth of the gallery should be on display from the street. The constantly changing exhibitions would thus be given maximum public exposure. To see into the gallery with no visual obstructions was therefore the most important architectural objective.

In the new gallery (located at 555 Sutter Street), reflections were eliminated by inclining the glass to a calculated angle and making black surfaces which are in the field of reflections. As a result, there appears to be no glass at all.

All of the antique store's existing interior walls were removed to visually lengthen and enlarge the restricted space. The interior is 130-ft. long terminating in a small brick-paved sculpture deck, 15-ft. above the rear garden space. At the center are stairs to the special exhibitions on the mezzanine and in the basement. The interior is entirely white.

Graphics and furniture were designed by the architects.



## WESTERN HIGHLIGHTS

### New construction materials speed campus boom—

The construction boom on college campuses across the nation is being speeded with a wide variety of new construction materials, most of which are also designed to cut initial costs and minimize future maintenance, according to a first-quarter 1968 marketing analysis by Georgia-Pacific Corporation. The same trend was reported for commercial and office structures. Emphasis is growing on such new factory finished materials as vinyl covered gypsum drywall as well as both vinyl and natural finished hardwood walls, the report said. In the same category is an improved plywood concrete form with a smooth, resin-impregnated surface that speeds form stripping.

### 27-story office building for Century City—



FOURTH major office building to be erected in Century City will be this 27-story structure, to be located at 1900 Avenue of the Stars. It will be aluminum sheathed, provide 490,000 sq. ft. of rentable office space. There will be 2.5 acres of landscaped plazas connecting to the plazas of the Gateway East Building. Completion: summer of 1969. Architect: Albert C. Martin & Associates. Contractor: Tishman Realty & Construction Co.

### Sea & Ski new facility in Reno—



Work has begun on an 82,000 sq. ft. facility for Sea & Ski Corporation, manufacturer of sun products, in Reno, Nevada. The \$1.25 million production and administrative complex is being built on a 20-acre Industrial Park site with work divided into three phases. The project includes a concrete and glass production and warehouse building linked by a glass-enclosed walkway to a redwood and glass administration building. Marquis & Stoller are architects; McKenzie Construction Company, the contractor.

### Ball bearing containers prevent tremor damage?

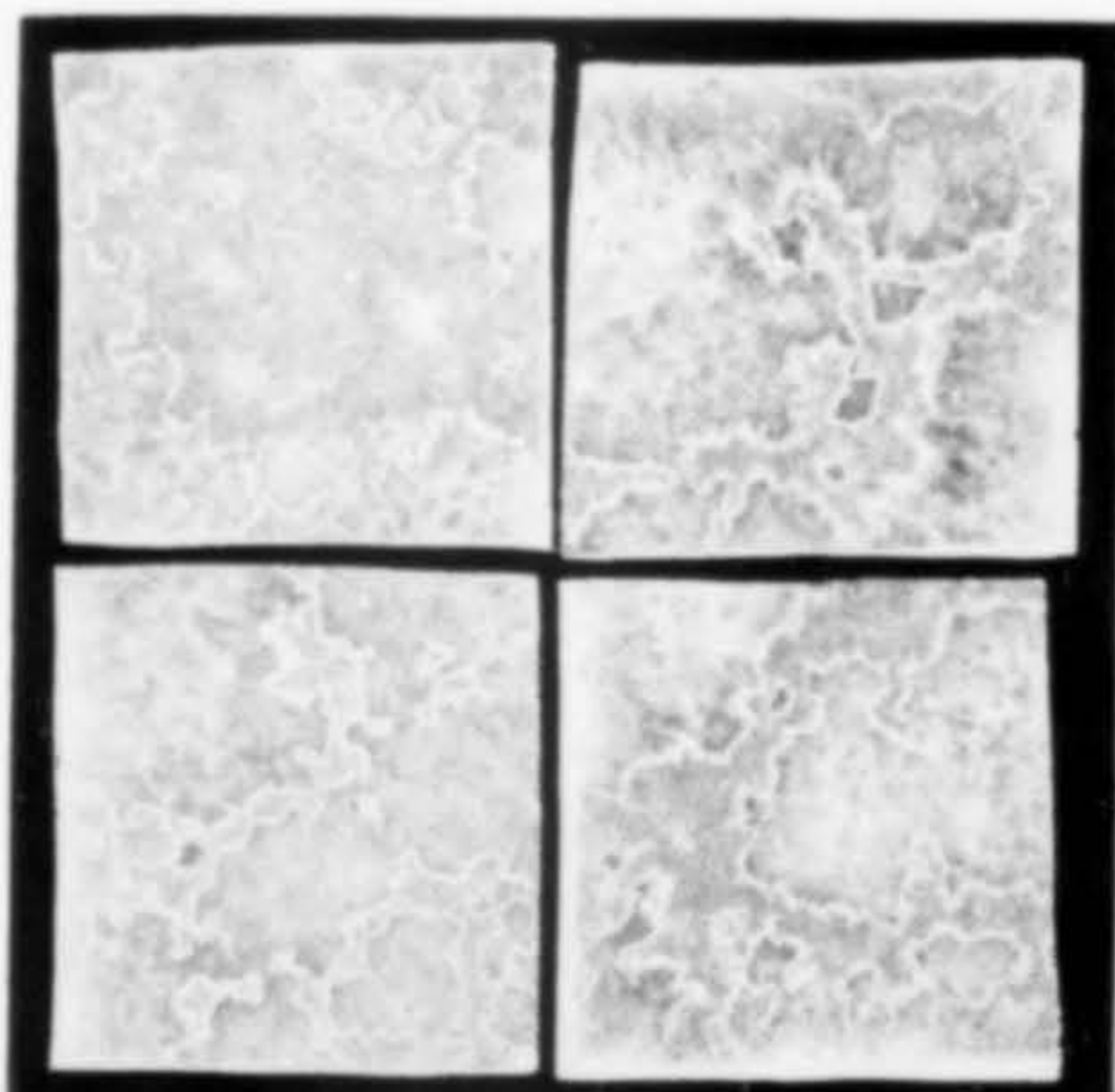
Small containers equipped with ball bearings may in the future prevent tremor damage to high rise buildings in earthquake-prone Los Angeles, Dr. Sami F. Masri, assistant professor of civil engineering at the University of Southern California predicts. He is presently researching the application and design of impact dampers, devices that employ the principle of momentum transfer to reduce vibrations of the body to which they are attached. Impact dampers are essentially containers equipped with ball bearings or other "particles." When the containers are incorporated into a primary system subject to vibrations, the impact of the particle colliding with the inside of the container reduces vibration in the primary system. Dr. Masri explains that "if impact dampers of the proper design were to be built into the walls of a skyscraper at its upper levels, and if an earthquake hit the structure, the tremor would make the ball bearings move from end to end of the containers, which would vibrate along with the building. As the ball bearing collided with the container's ends, the impact could reduce the motion of the entire building."

### Multi-million development for Salt Lake City—

A multi-million dollar development, Great Salt Lake Industrial Park, has been announced by officials of the Salt Lake, Garfield and Western Railway. The park, covering some 3,700 acres, is to be located west of the Salt Lake Municipal Airport. Initial construction on 160 to 200 acres of the project is expected to get under way this spring. The first phase will include buildings for light industry and warehouses. Additional construction will feature hotel and motel service, a nine-hole golf course, commercial areas and multi-family housing units in addition to facilities common to industrial parks. Plans are also being formulated to provide a commuter service between the industrial park and downtown Salt Lake City. While a dollar figure on the development was not disclosed, recent real estate transactions in the same area have been reported at \$2,000 per acre for undeveloped ground.

A LATCO EXCLUSIVE

shades  
of  
old Venice



**VENEZICO®**

VENETIAN-CUT MOSAIC TILE

Lavish shades, subtly depicting the glory of Renaissance Venice, have inspired Latco's "Venezico" collection.

Vitreous, hand-crafted tiles in 20 decorator colors, including gold, silver and brass.

Designed for interior and exterior application, it weathers all seasons and time itself!

Mesh mounted on 12" x 12" sheets with complete trimmers, for easy installation at low cost. For further information, write to:

**LATCO®**  
PRODUCTS

3371 GLENDALE BOULEVARD • LOS ANGELES, CALIF. 90039  
TELEPHONE: (213) 664-1171

### Disney complex gets green light—

The \$35 million recreational complex at Mineral King, California in the High Sierras, planned by the Walt Disney Productions, has finally been given the go-ahead by the Department of the Interior. The project, to be located in the Sequoia National Forest area, has been delayed nine months because of the opposition to roadway construction and fear that the development might destroy natural beauty resources and create other problems of erosion and pollution. The year-round complex will include ski runs, swimming, camping, horseback riding and hiking trails.

### Construction industries award—

The Los Angeles area Construction Industries 33rd annual awards banquet will be held March 13 at the Hollywood Palladium. William Norton, vice president of western operations for Ceco Corporation, has been named chairman of the banquet, sponsored by the Construction Industries Committee of the Los Angeles Area Chamber of Commerce. The banquet is held each year to honor the "Construction Man of the Year," to be selected by a secret jury of five key men in the industry.

### Jim Corrigan to new post—

James W. Corrigan, former architect and building editor, as well as editorial director of Southwest Builder & Contractor, has joined the public relations staff of West, Weir & Bartel, Beverly Hills advertising and public relations agency. He will assume the position of director of construction industries accounts of the agency.

### Calendar of coming events—

The 64th annual convention of The **American Concrete Institute**, Statler-Hilton Hotel, Los Angeles, March 25-29.

The first 1968 sessions of the five-day course, "**Reinforced Plastics**," sponsored by International Plastics Industry Consultants, Inc., Hotel Manhattan, New York City, March 18-22.

"**Plastics in Buildings: Architecture and Construction**," sponsored by International Plastics Industry Consultants, Inc., Hotel Manhattan, New York City, March 25-29.

Seminar series on **leisure homes**, National Association of Home Builders, Dallas Hilton Inn, Dallas, Texas, April 17-19.

The 30th annual convention, National Association of **Architectural Metal Manufacturers**, Shoreham Hotel, Washington, D. C., April 22-24.

Spring meeting, National **Building Material Distributors** Association, Broadmoor Hotel, Colorado Springs, April 28-May 1.

The Society of the Plastics Industry, 25th annual **Western Section conference**, Fairmont Hotel, San Francisco, May 1-3.

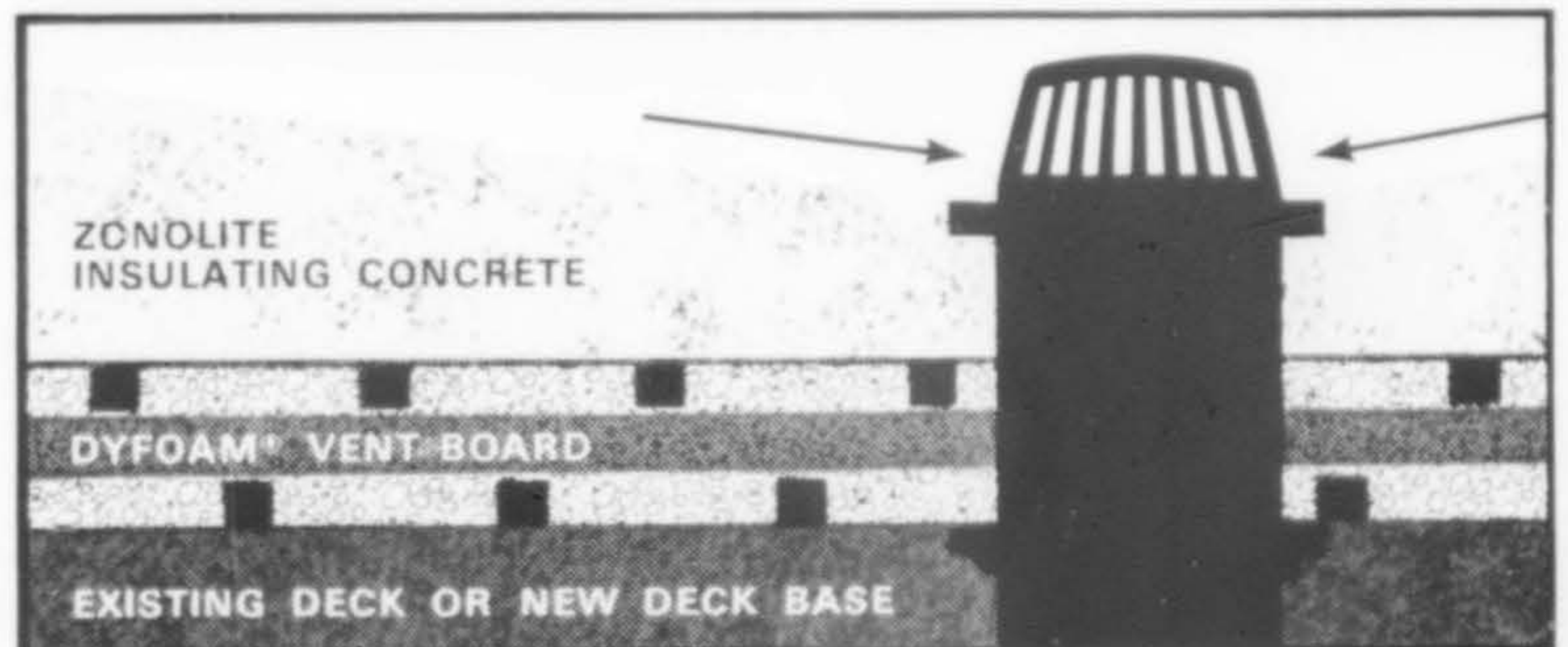
Fifth Washington State University-Pacific Northwest **Plastics Workshop**, The Quay, Vancouver, Washington, June 12-14.

The 11th biennial congress of the **International Federation of Landscape Architects**, Bonaventure Hotel, Montreal, Quebec, Canada, June 16-21.

The American Society of **Landscape Architects** 68th annual meeting, Sheraton-Block Hotel, Niagara Falls, Ontario, Canada, June 23-26.



## SHRINKER



### New Dyzone deck shrinks U values down as low as .04

Zonolite's new Dyzone deck is made of two layers of insulation. Dyfoam® (expanded polystyrene) Vent Board on the bottom, Zonolite® Lightweight Concrete on top. Besides shrinking U values close to the point of invisibility, it provides:

Proper slopes for drainage.

Seamless, monolithic structure.

Installation by skilled approved applicators.



Zonolite Division, W. R. Grace & Co.  
758 Colorado Blvd., Los Angeles, California 90041

Gentlemen: Please send me complete information on your new Dyzone Roof Deck System.

Name \_\_\_\_\_

Title \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



## Products in Action/CORRY JAMESTOWN FURNISHINGS

CLALLAM COUNTY P.U.D. OFFICES/Port Angeles, Washington

JOHN HARRISON RUDOLPH/Architect

DEL GUZZI CONSTRUCTION COMPANY/General Contractor

PUBLIC UTILITY District No. 1 of Clallam County specified a building that would be efficient and practical, well suited to the rough and ready use which it would get in the logging center of the Olympic Peninsula—a building that would have a distinguished, almost authoritarian appearance suitable for the headquarters of a publicly owned utility company. In short, they wanted a building which the public could call its own. Further emphasis was to be placed on the fact that the P.U.D. sold *light* and *power* and that here was a building utilizing these factors—both *heated* and *cooled* with electric power.

The exterior of the building is of

simple concrete, concrete block and glass construction. On the interior, colors and furnishings were selected by the architect to enhance the simplicity of the building, yet be economical and functional. Corry Jamestown office furniture was chosen because of these factors and range of colors offered, providing accent where needed, and harmony in other areas. Wool carpeting covers the main lobby and in the offices.

Precast cantilever T-beams around a central core permits non-load bearing walls. Complete environmental control is provided by five air-to-heat pumps in a low profile penthouse.

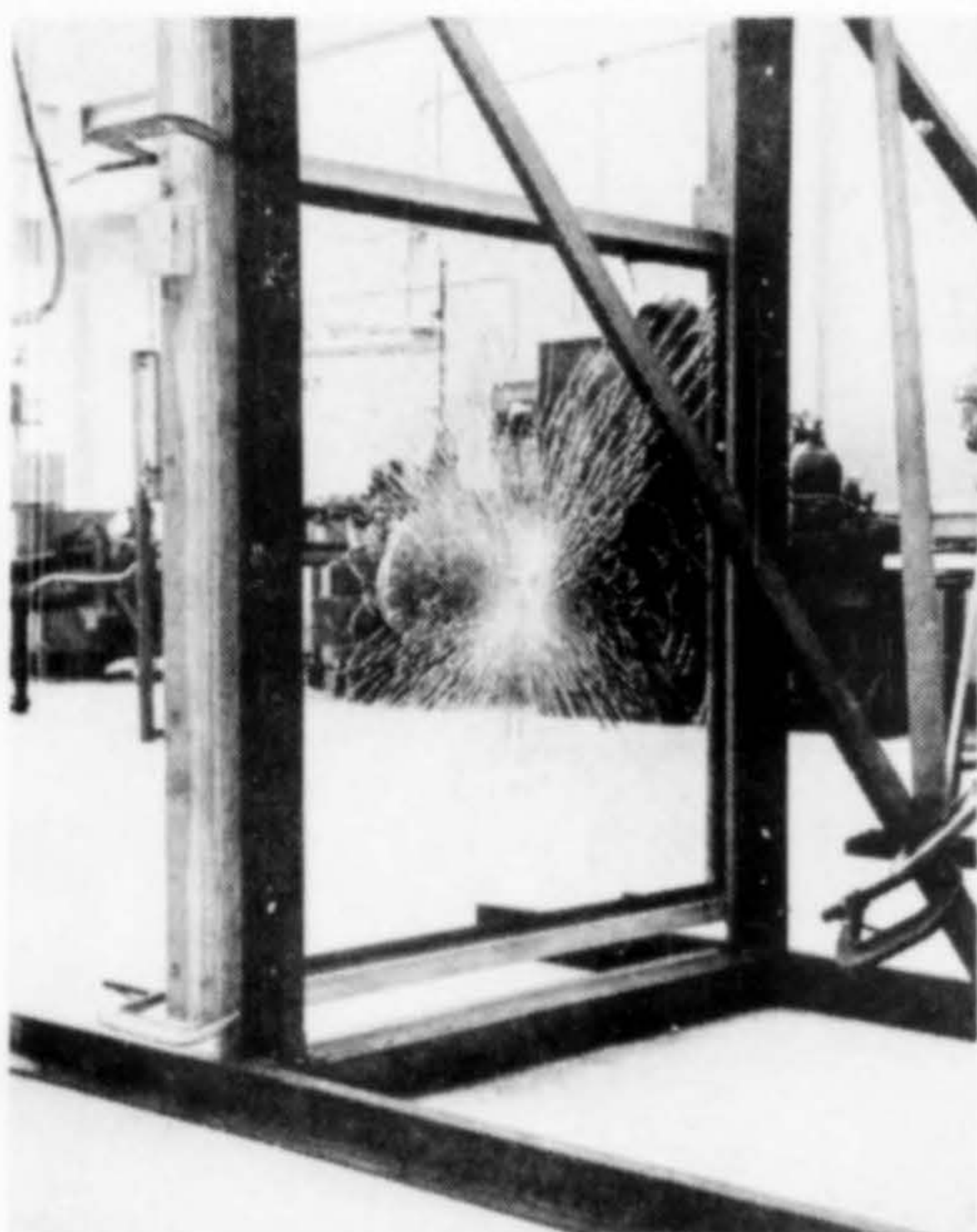
*Hugh N. Stratford photos*







**VigilPane safety glass—**



A special type of safety plate glass for added store protection against robberies resulting from show-window breakage, has been added to the standard product line of Libbey-Owens-Ford. "VigilPane" is a laminated unit with two panels of glass bonded to a plastic interlayer. The glass unit is 5/16-in. thick. An alarm system is installed onto the window after the glass has been installed.—Safety Glass, Libbey-Owens-Ford Glass Co. (A/W), 811 Madison Ave., Toledo, Ohio 43624.

**Mexican Agate floor pattern—**

Mexican Agate, a new pattern in Ruberoid's sheet vinyl flooring, is said to have the authenticity of polished stone and the rich veining of marble. The new colors are gold, dark taupe multicolor, dark brown, green, beige and red brown. Mexican Agate may be used on, above or below grade for residential and commercial use.—Ruberoid Co. (A/W), 733 Third Ave., New York 10017.

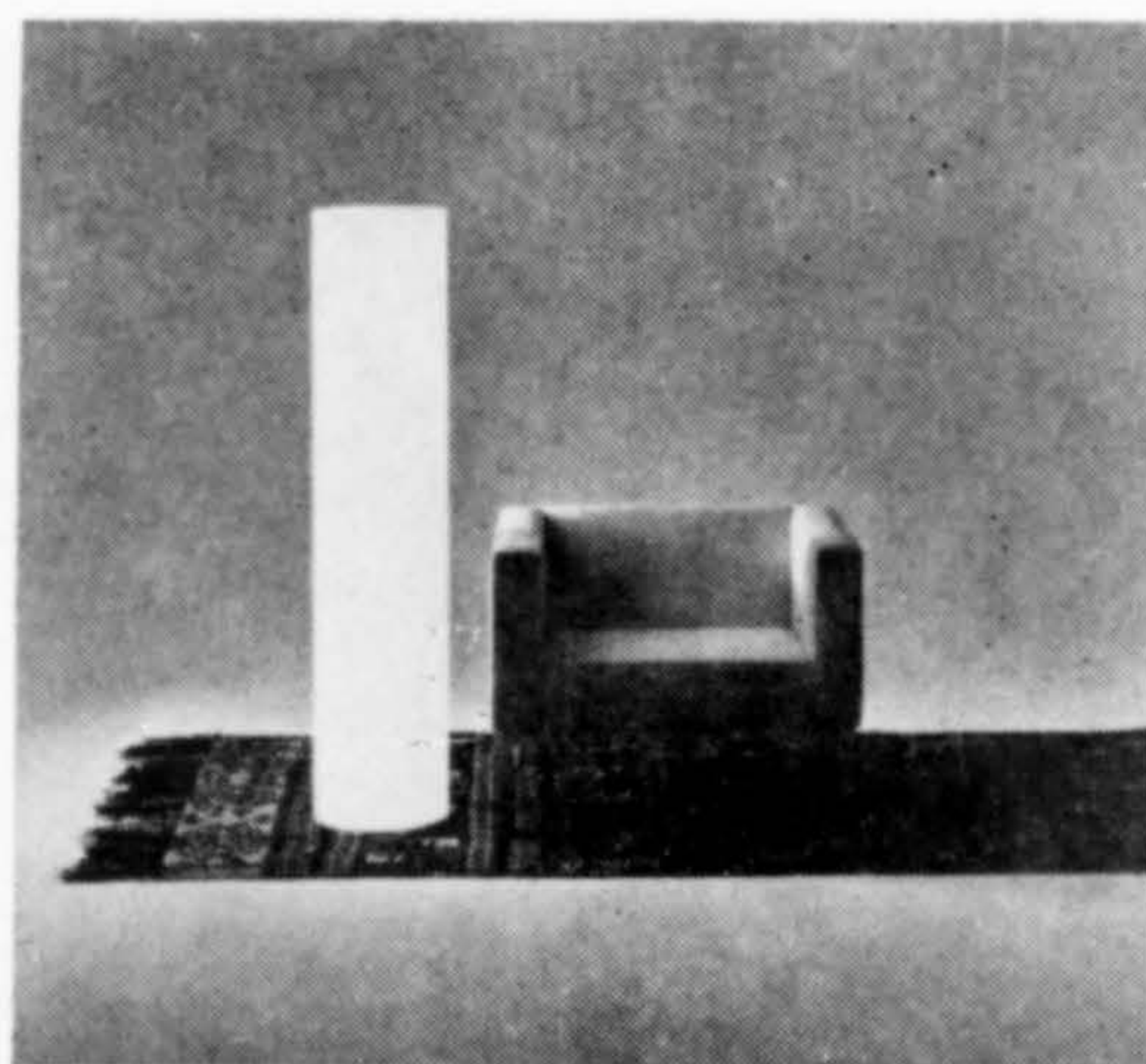
**Unit for wheelchair patients—**

A multi-purpose unit with tilting mirror, designed especially for the convenience of wheelchair patients, has been introduced by Bobrick Dispensers. The recessed stainless steel unit has a fluorescent light fixture, utility shelf and a soap vessel with liquid valve. The mirror can be tilted back and caught with magnetic catch for use by others. The units are designed to fit into a rough wall opening 16" wide x 29 1/4" high and 4" or more deep.—Bobrick Dispensers, Inc. (A/W), P.O. Box 39638, Los Angeles 90039.

**Insulated wall system—**

An insulated wall system said to reduce heating and cooling costs, the Temp-Con Wall System is manufactured in panels 42" wide and any desired length. The panels are made like a sandwich with polyurethane core foamed between two facing sheets of color coated steel. The panel, 2" thick, has a U-factor of .073, and is said to keep temperature and humidity constant, reducing the amount of initial investment in heating and cooling equipment. — Soule' Steel Co. (A/W), 1750 Army St., San Francisco 94119.

**Cylinder floor lamp—**



Habitat has introduced a new plastic cylinder floor lamp, 12" in diameter, 52" high, with a completely closed top. The cylinder lifts to change lamps and can accommodate up to 600 watts. The lamp is operated by a newly designed foot switch on the lamp cord. The plastic is Lumacryl, a translucent plastic especially developed by Habitat for lighting.—Habitat, Inc. (A/W), 341 E. 62nd St., New York 10021.

**Sloped roof drains control—**

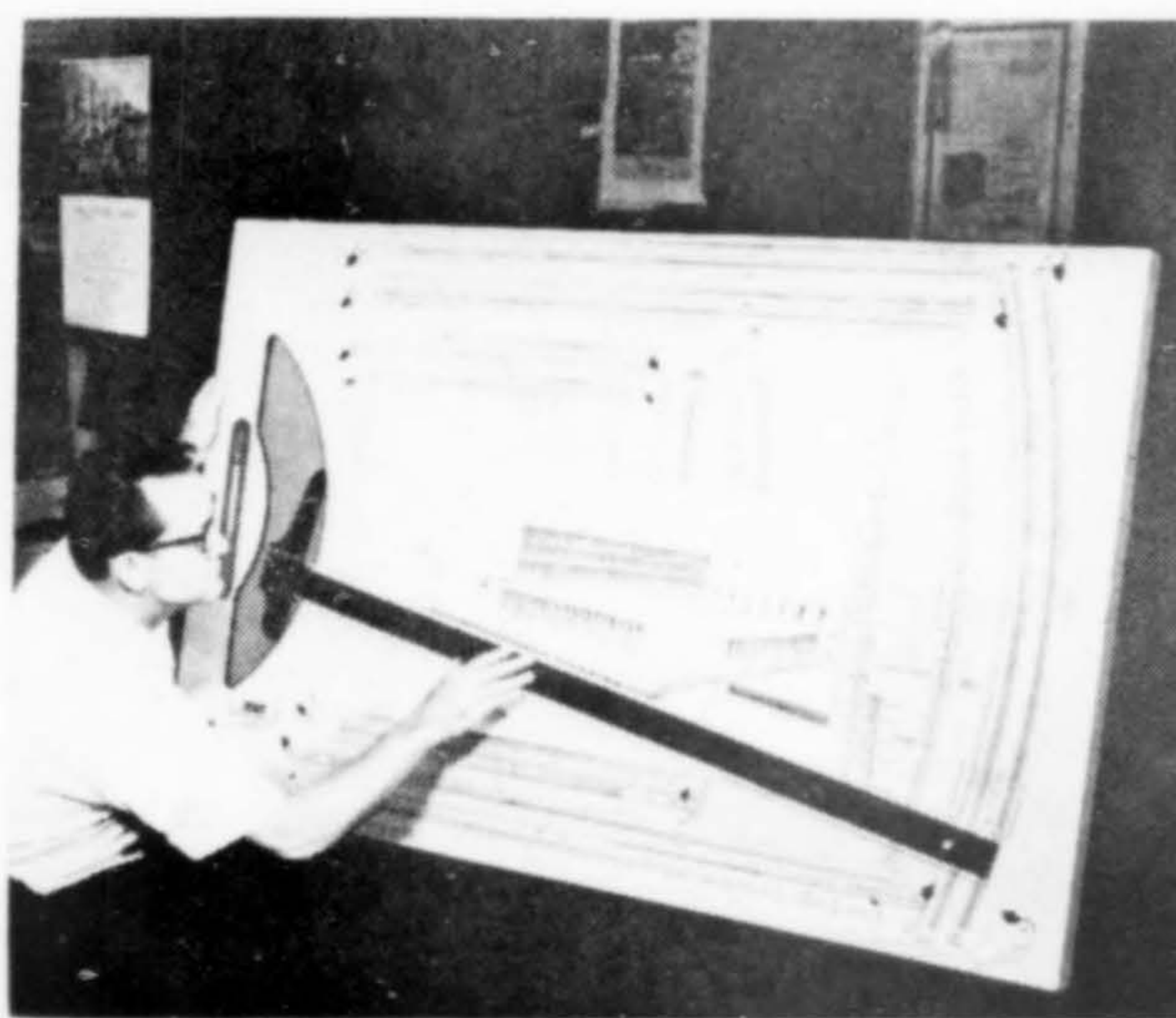
Control-Flo roof drain for sloped roofs is said to control rain water runoff and make possible economies in piping and sewer systems. It is adaptable for use with smaller diameter piping, fewer leaders, smaller diameter sewer system and, according to the manufacturer, greatly reduces maintenance and clean-up costs. A proportional weir, designed to accommodate slopes of approximately 1/8" per foot, is the key to the new drain system. In operation, the control stores a portion of the water on the roof, gradually draining off after the rainfall abates, and controlling the flow rate in direct proportion to the depth of water at the drain. — Zurn Industries, Inc. (A/W), Hydromechanics Div., Erie, Pa.

**Low silhouette ventilators—**



Low silhouette power roof ventilators are available in two types: Saber, with spun aluminum roofs, or Lance, with molded fiberglass roofs. Fourteen basic sizes range in capacity from 865 to 24,974 cfm specially designed for schools, hospitals, restaurants, stores, institutional and industrial buildings. Features include all non-ferrous construction, non-overloading dynamically balanced centrifugal fan wheels, variable pitch V-belt drives, automatic belt tensioners and expanded aluminum bird screens. Automatic shutters, roof curbs, hinged bases and protective coatings are offered as extras.—ILG Industries, Inc. (A/W), 2810 N. Pulaski Road, Chicago 60641.

**Perspective drawing board—**



A professional perspective drawing board, 38"x60", contains all the basic facts and figures for laying out an accurately scaled perspective ranging from a box 1"x1" scale or a building complex at 1/8" to 1'. Perspectives can be drawn from rough layouts or preliminary sketches without a detailed plan. The board accepts either opaque or tracing paper up to to 32"x42". It is of 13/16" Fiberesin, a solid plastic panel in a natural tan birch wood grain pattern with light reflectance of 40-50%. Charts, scales, etc., are impregnated into the board and are said to be erasable. The satin finish is easily cleaned.—Modulux, Inc. (A/W), Oconomowoc, Wis. 53066.

• **Gaco Western, Inc.:** A. M. Moss assumes responsibilities as district manager for the Southern California territory with offices in Long Beach. He has been with the firm nine years having served as Oregon district manager and as a special representative working from the Seattle home office. Patrick White has been named district manager of the Oregon territory with headquarters in Portland. He has been with the firm 11 years and moves into the new post from a position as industrial sales representative in the state of Washington. Adrian Jenkins, formerly technical representative, has been promoted to assistant to the president, Aubrey Davis, Jr. at the Seattle headquarters. District managers and sales representatives are responsible for servicing architects and engineers in their areas and supervising the activities of approved contractors.

• **Krueger Manufacturing Company:** The Tucson, Arizona based heating, ventilating and air conditioning equipment firm, has purchased the Rink Corporation, Ardmore, Pennsylvania, according to an announcement by Robert Chandler, chairman of the Krueger board. The eastern firm manufactures acoustical products for noise control in air distribution system. It will be operated as a subsidiary of Krueger.

• **American Forest Products Corp.:** William I. Christopher has been named advertising assistant at the San Francisco headquarters of the corporation. Dave Ohman, advertising and public relations manager, announced that Christopher would be working for AFPC as well at its subsidiaries. Offices are at 2740 Hyde Street, San Francisco.



**INTERNATIONAL FIBERGLASS CO.** of Venice, California, helped put Strawberry Point, Iowa on the map with this 12x15-ft. strawberry. It was moulded in four quarters and then fused together. The interior structure, leaves, stem, etc., were assembled with a 3-ft. stub of pipe extending from the bottom, ready for erection. It was hauled to its destination on a low-boy trailer, police escorted. The entire display stands approximately 35-ft. high.

• **Wyckoff Company:** William C. Cairns has been elected president of Wyckoff, Seattle, succeeding Walter L. Wyckoff, named chairman of the board. Cairns has been with the company for eight years and in the forest products industry, 20 years. Other officers elected were Richard A.



Thurston, vice president-sales, and Ralph S. Seaton, vice president and treasurer.

• **Kaiser Cement & Gypsum Corp.:** Harvey E. Dougherty has been named contractor sales representative in the South Central Montana and Northern Wyoming area, it was announced by Douglas S. Ashton, Rocky Mountain division sales manager. He will be headquartered in Billings, Montana.

• **Oregon Building Congress:** Johnson Acoustical & Supply Company, Portland, has been named Contractor-of-the-Year by the Oregon association. Herb McCoy, sales engineer for Empire Building Materials Company, was selected as Congressman-of-the-Year.

• **Sunroc Corporation:** The Glen Riddle, Pennsylvania manufacturer of water coolers and drinking fountains, and its subsidiary, P. O. Moore, Inc., manufacturers of Telkee Key Control Systems, announce the appointment of Richard D. Gildea as assistant regional sales manager. In this newly created position, he will be assisting Paul Walter, regional sales manager of Sunroc Western Company which serves the Western United States.

• **J. H. Baxter & Co.:** Northwest district sales offices in Portland have been moved to 202 Riviera Plaza, 1618 S.W. First Avenue. Al W. Irwin is manager of the Portland office.

• **Western Hardwood Plywood Producers:** Formation of a new trade organization has been announced by the group's new president, Richard L. Rinde, who is also president of Columbia Plywood Sales, Portland. Membership is open to plants regularly producing unfinished hardwood plywood west of the Continental Divide. Other officers and directors include: C. E. Leonardson, Georgia Pacific, vice president; James H. Mueller, St. Regis, secretary; E. W. Maw, North Pacific Plywood, treasurer; and Jack Burch, Evans Products; Donald Van, Mount Baker Plywood; Steve Franko, Lorenz Lumber Company; Peter DeFotis, Buffelen Woodworking; Al Smith, Everett Plywood, directors.

• **Architectural Pottery/Architectural Fiberglass:** Rita and Max Lawrence announce the appointment of Barry Rosengrant as executive vice president with duties in the general area of management and specific responsibilities for sales and marketing. He was formerly West Coast manager of Knoll Associates.

• **Koppers Company:** Facilities for pressure-treating of utility poles and other wood products by the Cellon process will be installed at the Koppers Denver plant located at 5601 Fox Street. Scheduled to go into production in early spring, the new facilities will serve the utility market in the Rocky Mountain area and states to the east with Cellon treated, color-coated Douglas Fir, Ponderosa and Lodgepole pine poles.

### SAM Award to Yakima Banking Center



The brick industry's Special Award of Merit (SAM Award) plaque has been presented to the Bank of Washington for their Yakima, Washington branch. The award is made periodically to firms or individuals who have encouraged the imaginative use of brick in the construction of their buildings. The citation accompanying the award, presented by Donald Clark, representing the Northwest Brick Association reads: "We commend it for the imaginative utilization of brick in a commercial building."

Paddock & Hollingberry were architects for the Central Yakima Banking Center Branch; Hill's Construction Company, builders; M. D. Brown, Inc., masonry contractors, and Skillington, Helle, Christianson & Robertson, structural engineers.



**NORTHWEST BRICK Association's SAM Award** is presented to Goodwin Chase, left, president of the Bank of Washington by Donald R. Clark, center, representing the brick industry. William Paddock, right, was project architect.

## Architecture / West

Published by Construction Publications/West, Inc.  
1945 Yale Place E., Seattle, Wash. 98102. EAst 3-7007

ROSCOE E. LAING  
Vice President  
General Manager

WILLIAM C. GOODLOE  
President  
STUART W. TODD  
Secretary

CHARLES M. ANDERSON  
Treasurer  
N. B. CHAPIN  
Publisher Emeritus

### HOME OFFICE

L. C. McDowell, Advertising Director  
Floyd Graham, Advertising Sales  
Phyllis E. Forth, Production Manager  
Frances S. Eggan, Circulation Manager

### LOS ANGELES

Floyd Patrick, 422 South Western Ave., 90005; 384-6173

### SAN FRANCISCO

Norman L. Erickson, Suite 106-B, 1870 El Camino Real, Burlingame  
94010, phone: 692-3580.

### SALT LAKE CITY

Peggy Hansen, 3790 Lois Lane, CRestwood 7-4606

### MONTANA

James D. Gough, Jr., AIA, 318 S. Church Ave., Bozeman

Subscriptions: \$6 a year; \$10 outside 13-state West.  
Single copy, 50c

Pacific Printing Co.



not specified

SOME THOUGHTS on school design are here excerpted from a talk Dr. Robert H. Johnson, Jr., gave before the Montana Chapter of the American Institute of Architects last fall. Dr. Johnson is director of the University of Montana School Planning Center. The education research division which he heads is operated by the university for the benefit of improved school practice throughout the state and the region. The division writes educational specifications, helps with school board campaigns, school leasing—almost anything that relates to schools.

“LET’S BUILD schools for a period of time, not for eternity. In the past we have built buildings impossible to tear down when their purpose has become obsolete . . . Schools should be built with flexible design so it can be changed to fit new purposes . . . Schools of the future will require a lot of quiet spaces. There must be more free space so that it can be continually changed, shaped and reshaped.

“School design is like a triangle formed by the school administrators, the architects and the school planners. The relationship exists because school boards and school administrators are unable to keep up with all the changes in education without the assistance of architects and school planners . . . Architects aren’t educators and educators aren’t architects . . . which means they have to get close together.

“In professional school planning we are required to provide architects with educational design, then the architect must take this along with the talents of his profession and put the two together. School boards, school planners and architects must redesign old space to meet new needs. In the past, we have grown so fast this hasn’t been a problem—but it will be in the future”.

WHILE we hope to rear children with some sense of beauty, we put them in schools that are designed solely for the benefit of the janitors.

—Lewis Crutcher, AIA



A/W HAS  
THE NEWS  
FOR ME!

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Profession or Job Title \_\_\_\_\_

Type of Business \_\_\_\_\_

One Year \$6.00  Please Bill Me

(Washington State subscribers please add 4.5% sales tax)

Special, Cash with Order, Two Years \$10.00

### OUR ADVERTISERS . . .

and where you will find their messages

Bethlehem Steel Company	III-cover
DeBourgh Manufacturing Company	5
Gaco Western, Inc.	II-cover
Graham, Walter Studios	13
Latco Products	30
Mutual Materials Company, Builders Brick Products	14
Trus-Joist Corporation	6, 7
United States Steel Corporation	11
Weidemann Industries, Inc.	15
Zonolite Division, W. R. Grace & Company	31



# STRUCTURAL DESIGN NEWS

FROM BETHLEHEM STEEL

No. 22

New academic center with open, multi-deck parking.

When completed, the Auburn Science and Engineering Center at University of Akron will consist of multi-level, semi-detached, steel-framed educational buildings built over a two- and three-level parking structure. The multi-deck garage provides 150,000 sq ft of space...enough for 345 cars.

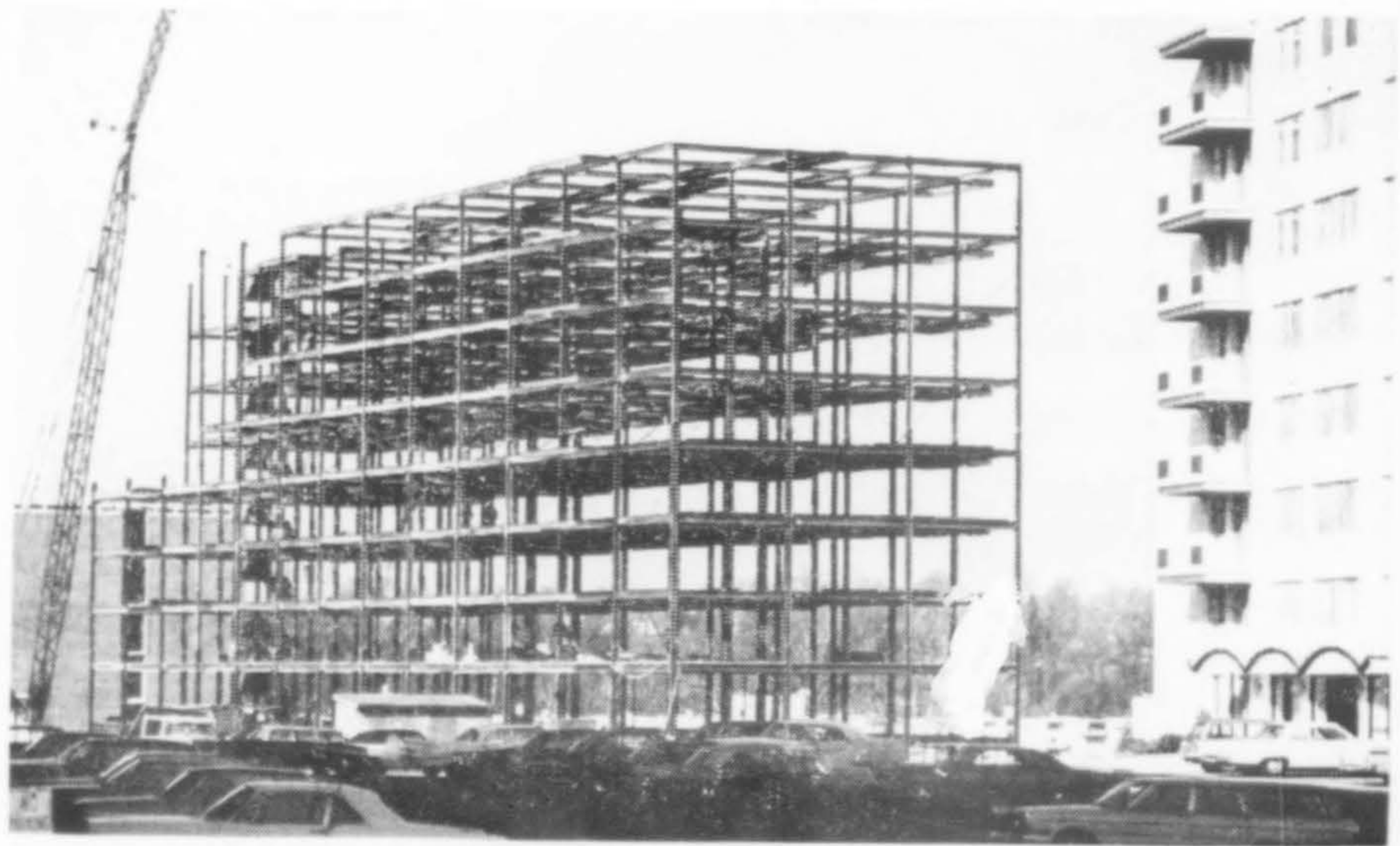
Each of the three towers contains five stories, including a plaza level. A classroom-lecture hall building, and a library with a mezzanine complete the complex. Total space: 227,000 sq ft, all of it free of columns. Composite construction was used throughout for economy.



Owner: Akron University; Architect: Tuchman-Canute Architects; Structural Engineer: Francis W. Stafford; Steel Fabricator and Erector: Burger Iron Company; General Contractor: Freeman Construction Company; Bethlehem supplied the majority of the 1,900 tons of A36 structural steel.

Steel framing contributes to \$90,000 lower cost of first phase apartment construction. With the first two 110-unit buildings completed, work is underway on the second phase of this Top-Of-The-Hill Apartments project at Hillcrest Heights, Maryland. The combination of efficient column spacing, careful materials selection, and rapid steel erection resulted in a tidy saving for the owners, Oak Hill Village Associates.

Each of the buildings is framed with 235 tons of Bethlehem structural steel. An all-welded structure, combining A36 structural steel and high-strength Bethlehem V50 (50,000 psi min yield), proved to be the most economical method of construction. Engineering design studies indicated that another framing material would produce 38% greater column loads, and cost 23% more.



Owner: Oak Hill Associates; Architect: Sheridan, Behm, and Associates; Structural Engineers: Horatio Allison Associates; Steel Fabricators: Ingalls Steel Corporation; Steel Erectors: Ray Gains; General Contractor: Filmore Chaiken Construction Company.

Design simplicity contributed to rapid steel erection. All nine levels of the first building in phase two went up in five weeks.

**BETHLEHEM STEEL**



ARCHITECTURE/WEST  
1945 Yale Place East  
Seattle, Wash. 98102

University  
Microfilms  
300 N Zeeb Road  
Ann Arbor  
Michigan 48106

