

Architecture / West

JUNE 1967



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- 13** Esplanade Apartments, Sherman Oaks, California/Kamnitzer and Marks
- 16** Minor-Jones Building, Everett, Washington/Mithun & Associates
- 18** Where the architects hang their hats/Robert W. Champion, Everett, Washington
- 19** Omark Industries, Inc. plant, Milwaukie, Oregon/Skidmore, Owings & Merrill
- 22** Corporation Yard, San Francisco Water Department, San Francisco/Milton T. Pflueger & Associates
- 24** Stansbury Apartments, Salt Lake City, Utah/Edwards & Daniels
- 26** Urban Design: Central City, San Bernardino, California/Victor Gruen Associates
- 30** Proper restaurant design for proper fire rates—a paper by Richard L. Haugland, C.P.C.U.

4 Building news

6 Architect news

10 Salt Lake City AIA Honor Awards

12 AIA national competition winners

28 Products in Action: Fire-Trol Columns/Oak Street Medical Center, Salem, Oregon/Groom, Blanchard, Lamien & MacCollin

32 Products

34 Literature

35 Manufacturers/Suppliers

36 Not Specified

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Business data on page 36

THE COVER: Esplanade Apartments, Sherman Oaks, California, Kamnitzer & Marks, architect. Jordon photo. Page 13.

HIGHLIGHTS and SIDELIGHTS

Denver needs \$100 million in housing construction—

The five-county Denver metropolitan area has a current need for \$100 million in housing construction, according to a recent market letter issued by Western Federal Savings & Loan Association of that city. Their experts said that the actual need is for 6,000 new family units and at least 2,000 apartment units to be built during 1967. Projects foremost on the list will be several very high rise apartments.

Westerners move—

If the statistics of past years keep pace, by this month slightly more than 25 percent of all Westerners over the age of one will have changed their residence since this time last year. The mobility of people in the 13 Western states is greater than in any other area of the United States and is one of the major factors stimulating new home construction.

"Air rights" tentatively approved—

A public housing complex to be constructed on "air rights" over a San Francisco neighborhood parking lot has tentative Federal approval. If built, it would be the first time such a dual use has been approved anywhere. San Francisco's housing authority has been trying for two years to get the idea approved as a means of reducing the cost of housing by \$39 to \$73 a month. This approval would mean that the heavy expense of buying land for the proposed 110 unit apartment project, designed by architects Anshen & Allen, would be avoided. The proposed project, estimated at \$1.8 million, would be built in San Francisco's Mission district. The units have been designed for people over 62 with low income, making them eligible for public housing. Heretofore the FHA has frowned on such dual purpose projects and the tentative approval of the proposal is a major breakthrough.

Utah architects launch course—

An introduction to architecture course for 12 to 18 years olds is being taught twice each month by architect Fred Montmorency, president of the Utah Chapter, AIA. Classes are held at the Craft House, 3271 S. 5th East, Salt Lake City, from four to six p.m., the second and fourth Mondays of the month, run for 10 weeks, supplemented by field trips.

Labor shortages, costs deter housing—

The money shortage and the precariousness of financing are not the greatest drawbacks in the housing construction market at the present time. In the West, where the need for more housing increases daily, the builder is faced with a shortage of the labor market and rising labor costs. A gradual erosion of the home-building labor pool has been going on over the past few years, with many being absorbed into other industries. There are few young people going into the building construction trades. Coupled with this are the many wage increases, including heavy fringe benefits, that employers will have to meet about June 1. Hardest hit will be the 4-Bay County area, around San Francisco, where carpenters will start working a 36-hour week on June 16, in addition to receiving \$5.025 per hour in wages.

San Bernardino state office building—



The recently dedicated San Bernardino, California, State Office Building took 13 years from proposal to completion. Red tape, legislative battles over appropriations and condemnation suits delayed construction of the building, needed as a central location for government agencies. As finally erected, it is three times as large as first planned, cost more than three million dollars (the 1957 budget requested \$1.33 million for the structure), now houses between 400 and 450 employees. Architectural credit goes to California state architect Carl C. McElvy and project architect, Harold Sutton.

Alcatraz proposed for United Nations monument—

A proposal that Alcatraz become a monument to the United Nations has been endorsed by the advisory board on National Parks, according to an announcement by Stewart Udall, Secretary of the Interior. Under the plan, the former Federal penitentiary would become part of the National Park Systems and would be known as "United Nations Monument, California." If the proposal is now approved by Secretary Udall, the park system staff will be asked for cost estimates and planning.

Edward Durell Stone named for Eisenhower Center—

Edward Durell Stone has been appointed to design the proposed \$5 million Eisenhower Medical Center at Palm Springs, California. Plans call for complete utilization of the 80-acre site, valued at \$500,000, and donated for the center by Mr. and Mrs. Bob Hope. The hospital, resident and nurses homes will be situated on an island within an artificial lake. First phase, the 128-bed hospital and housing for staff, is expected to be completed by 1970.

Gas station design to be improved—

A program to improve the appearance of major gasoline stations, both old and new, has been launched by Herman H. Rappaport, Beverly Hills, president of North American Funding, Inc. Three architectural firms have been signed for the project: Philip Johnson, Paul Rudolph and Whittlesey, Conklin & Rouissant, all of New York. Research data on locations of 22,000 stations in California was compiled with the cooperation of the California Board of Equalization. Rappaport said that there was an excellent opportunity to find a new gas station approach that would be harmonious with President Johnson's highway beautification program.

BUILDING CONCEPT

Non-Com[®] lumber is staying at this Holiday Inn.

Advantages offered by Non-Com fire-protected lumber were so impressive that the building contractor for the new Holiday Inn Motel in East Orange, New Jersey, changed his original specifications from steel studs to Non-Com wood studs. And for a lot of good reasons:

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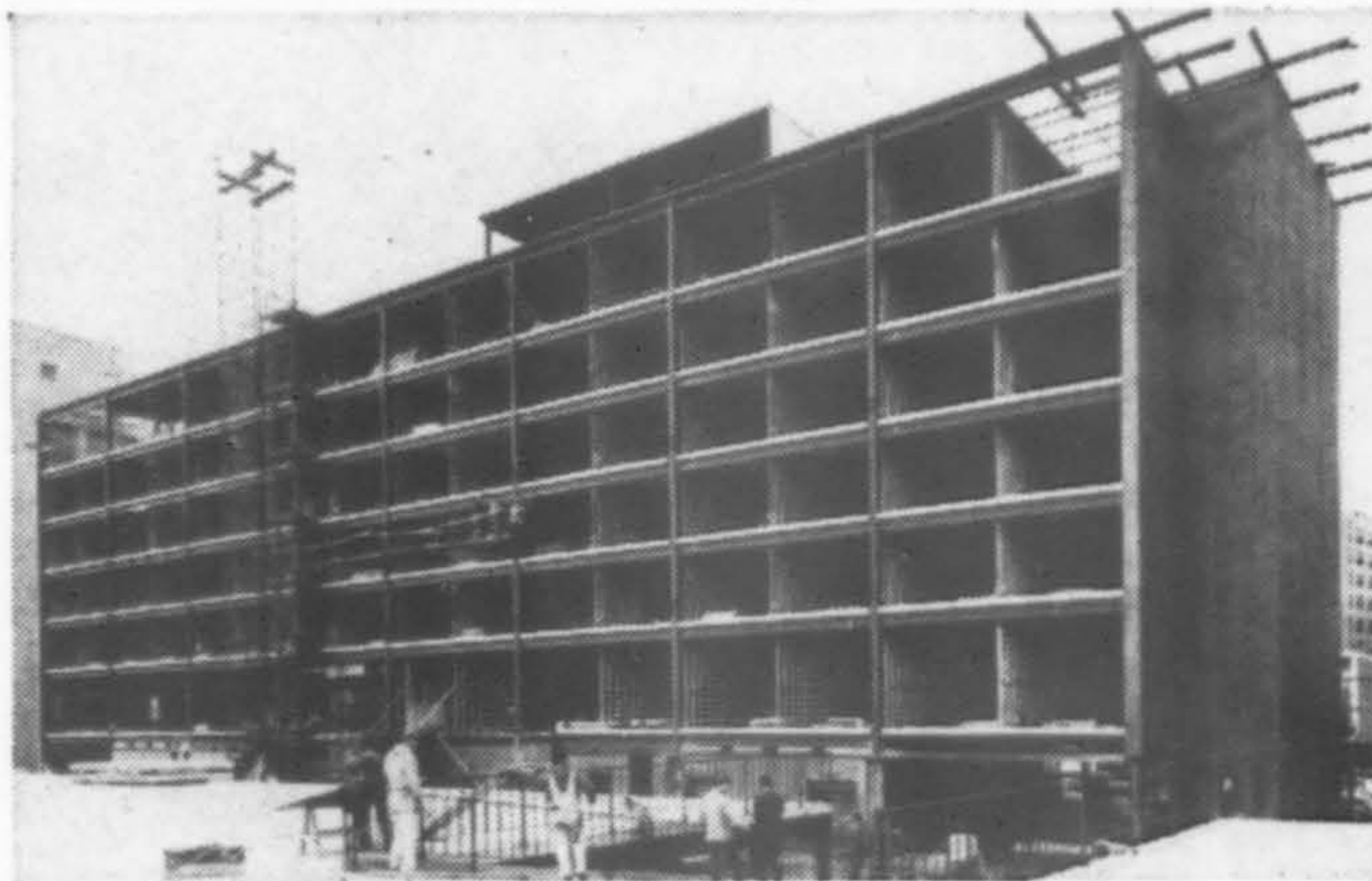
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New firms, associations, office changes

□ Lincoln J. Jones has opened an office for the practice of architecture at 1240 Pearl Street, Boulder, Colorado. For the past 10 years he has been a partner in the Boulder firm of Nixon and Jones, Architects.

□ S. Russell Oda and Harrell L. McCarty announce the establishment of an architectural practice, Oda/McCarty, Architects, at 580 Laukapu St., Hilo, Hawaii.

□ Rogers/Nagel/Langhart, Denver architectural firm, has announced the appointment of four new associates of the firm: Gary T. Merideth, interior designer; John M. Elmore and James E. Millensifer, architects, and Kennon B. Stewart, engineer.

□ Christopher R. Wojciechowski has been named an associate member of the George Vernon Russell, FAIA, architectural firm in Los Angeles.

□ James Miller, formerly a partner in the firm of Campbell-Miller-Michael-Yost, has joined Saul Zaik in a new association, Zaik/Miller, with offices at 4621 S.W. Kelly, Portland.

□ James Ware, formerly a partner in the firm of Pierson, Miller, Ware & Associates, Phoenix, has joined the firm of Biggs & Kaufman, with a change in name for both architectural establishments: Pierson & Miller, Architects, AIA, and the latter, Biggs, Kaufman & Ware, Architects, AIA.

□ Lloyd S. Laity, formerly with the Toronto office of John B. Parkin Associates, has permanently located in the Los Angeles office as vice president/design.

□ Peter G. Koltnow has joined Victor Gruen Associates as project director, according to an announcement by Ben Southland, partner in charge of the Beverly Hills firm's urban planning division.

□ Dennis J. Wilde, an architectural planner, has joined the staff of Cornell, Howland, Hayes & Merrifield, engineers and planners, in the firm's Portland office. He has recently returned from Copenhagen, Denmark, where he was associated with Juul Moller & Erick Korshagen.



Four new associates have joined Rogers/Nagel/Langhart, Denver. Left to right: Gary T. Merideth, John M. Elmore, James E. Millensifer, Kennon B. Stewart.

□ Samuel M. Burnett has been appointed a project architect for Charles Luckman Associates, Los Angeles.

□ Lois Baker has been named director of interior design for Frank L. Hope & Associates, San Diego architectural-engineering firm. The appointment marks the establishment of the first full-time interior design department by the firm.

□ Theodore J. Wirth, landscape architect, and Ray O. Leland, architect, have associated under the name of Theodore J. Wirth & Associates, Landscape Architects, Architects and Planning Consultants with offices at 1925 Grand Avenue, Billings, Montana.

□ Vinton P. Frost has been appointed director of client relations for Burke, Kober, Nicolais & Archuleta, Los Angeles-San Francisco architectural-engineering firm.

Commissions

Robert Clements & Associates, Los Angeles, have been designated to serve as architects and engineers for the Downtown Redevelopment Program for the city of Corona . . . San Francisco's John Carl Warnecke & Associates have been named as architect for a new major luxury apartment building to rise on Nob Hill, on a site presently occupied by the Sproul residence . . .

Corbett/Dehnert, Lander, Wyoming architects, and Rogers/Nagel/Langhart, Denver, have been commissioned to plan Central Wyoming College's campus and first buildings at Riverton, Wyoming . . .

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Appointments and elections

□ Eugene F. Gilstrap, Salem, Oregon, architect and former construction analyst for the Oregon State Department of Finance and Administration, has been named assistant director of Oregon State University's Agricultural Experiment Station in Corvallis, where he will be responsible for facilities planning and construction. He has closed his offices in Salem where he had been in private practice the past two years.

□ Sherwood Stockwell, partner in San Francisco firm of Volkman & Stockwell, Architects, has been named a member of the San Francisco City Planning Commission.

□ Elected to office in the Seattle Planning & Redevelopment Council (SPARC) were architects Philip Jacobson, vice president; David H. Checkley and John M. Morse, trustees.

□ Robert L. Bliss, head of the department of architecture at the University of Utah, has been elected president of the Association of Collegiate Schools of Architecture.

□ Two San Francisco architects have been named to the Bay Area Rapid Transit District staff: Sprague Thresher, formerly with Combs & Thresher, will be staff architect, and Tallie B. Maule will be coordinating architect for BART's engineering consultants, Parsons Brinckerhoff - Tudor-Bechtel. The appointments follow the recent selection of John E. Burchard, dean of the School of Environmental Design at the University of California, as special architectural advisor to the BART board of directors.

□ George A. Dudley, Los Angeles, dean of the School of Architecture and Urban Planning, University of California at Los Angeles, has been elected president of the Environmental Goals Committee, a part of the Goals Project of the Los Angeles City Planning Department.

□ Architect Milan Srnka, Phoenix, has been appointed to serve on the Planning and Zoning Commission for that city, filling the unexpired three years of the outgoing chairman, Milton Sanders.

□ James D. Gough, Jr., 37, has been appointed director of the School of Architecture at Montana State University, Bozeman. He has been acting director since August, 1966. He joined the MSU faculty in 1958, shortly after receiving his M.A. at Cranbrook. His present activities include a contributing editorship to *Architecture/West*.



□ Fred M. Guirey, Phoenix, partner in the firm of Guirey, Srnka & Arnold, has been appointed to the advisory council of the Southwest Regional Laboratory for Educational Research and Development. The Laboratory, with headquarters in Los Angeles, serves the states of Arizona, Nevada and Southern California. Its program is oriented toward the development of better teaching devices, practices and other services to the field of education.

□ Nathaniel Owings, FAIA, San Francisco, and Paul Thiry, FAIA, Seattle, have been named to the National Academy of Design.

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News notes, address changes

□ Henry B. Baume, Denver architect, and national president of the Construction Specifications Institute, named "Man of the Year" in Denver, the Building Industry Conference's first achievement award. He is a partner in the firm of Baume, Polivnick & Hatami.

□ Robert McConnell, assistant professor in the School of Architecture, Arizona State University, has accepted a full professorship at the University of Kansas.

□ San Francisco architect Ezra Ehrenkrantz was one of four architects appointed to a 15-member panel to study zoning, housing and building codes, taxation and development standards, reporting directly to President Johnson and Congress.

□ Robert Walter Springer, 50, Everett, Washington, died on March 21. A graduate of the University of Washington School of Architecture, he had been an architect with the firm of William Arild Johnson & Associates, Everett architects-engineers, since 1948.

SIMPSON-GERBER, AIA, ARCHITECTS—Suite 410, 7911 Herschel Ave., La Jolla, Calif.

B. V. JACOBOWSKY—277 Mar Vista Drive, Monterey, Calif.

DEWEY DEARING—121 East Pikes Peak Ave., Colorado, Springs.

W. C. MUCHOW ASSOCIATES, ARCHITECTS—3707 Cherry Creek North Drive, Suite A, Denver.

THEODORE L. KALSTROM—1655 Lafayette, Suite 300, Denver, from Littleton.

ROGER SPIKER—Route 1, Boise, Idaho, from Reno, Nevada.

JAMES E. WITNER—2823 E. 2nd St., Phoenix, from Tucson.

HERBERT C. PEARSON—Salmon Bay Marina, 2100 W. Commodore Way, Seattle.

THOMAS ECHTERNACH—1831 Westcliff Drive, Newport Beach, Calif.

DAVID ALEXMAN—425 Juniper Drive, Pasadena.

DAVID J. REICHEL, AIA, ARCHITECT—Charleston Bldg., 251 Kearny St., San Francisco.

HOWARD BRANDIS—P. O. Box 3026, Portland, Oregon, from Las Vegas.

NORMAN E. HODGE—9485 W. Colfax Ave., Denver.

FRED BASSETTI & COMPANY—2027-5th Avenue, Seattle.

JOSEPH F. DAMERON—7542 Fay, La Jolla, Calif.

SHERROD R. MARSHALL—8425 W. 3rd St., Los Angeles, from Beverly Hills.

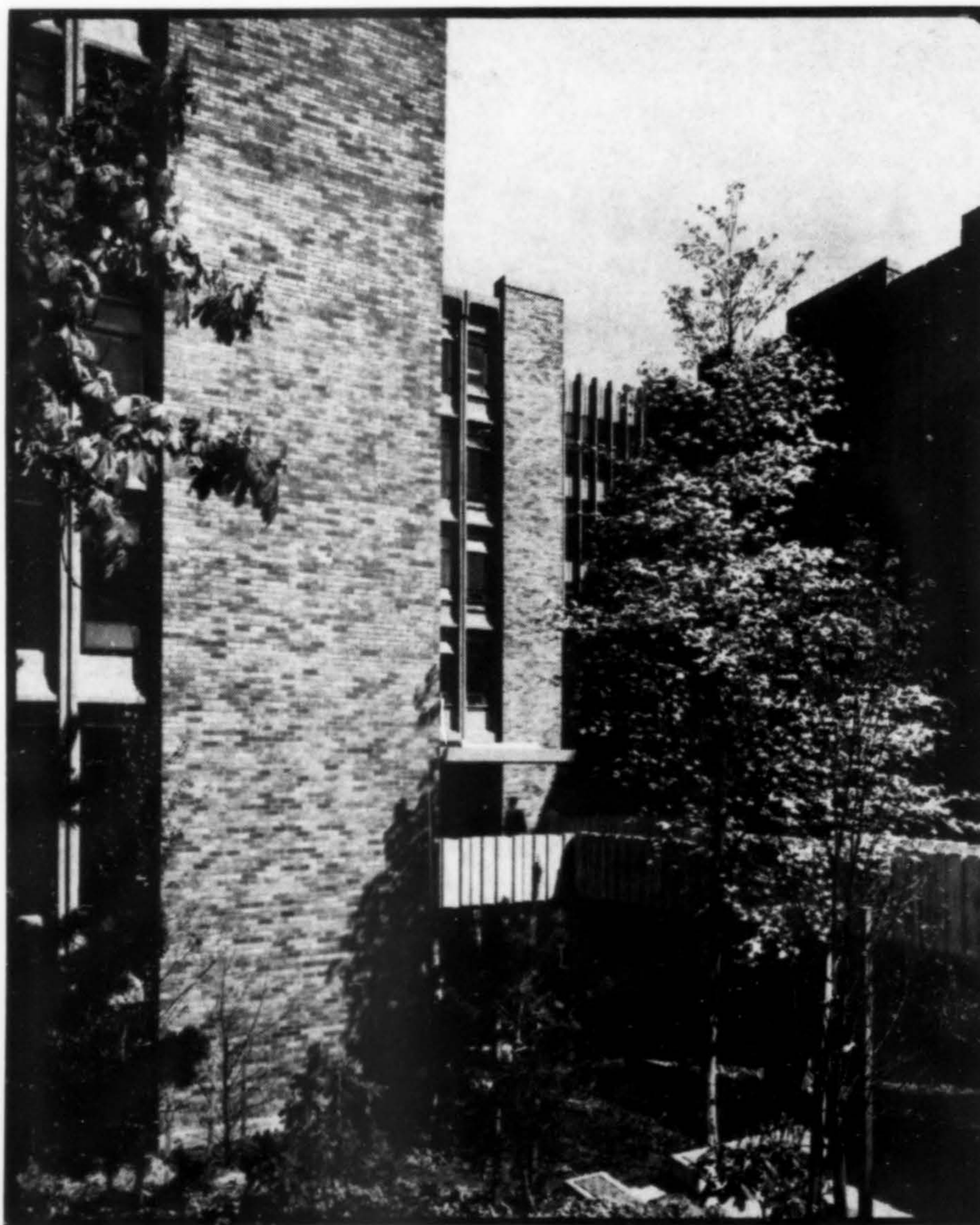
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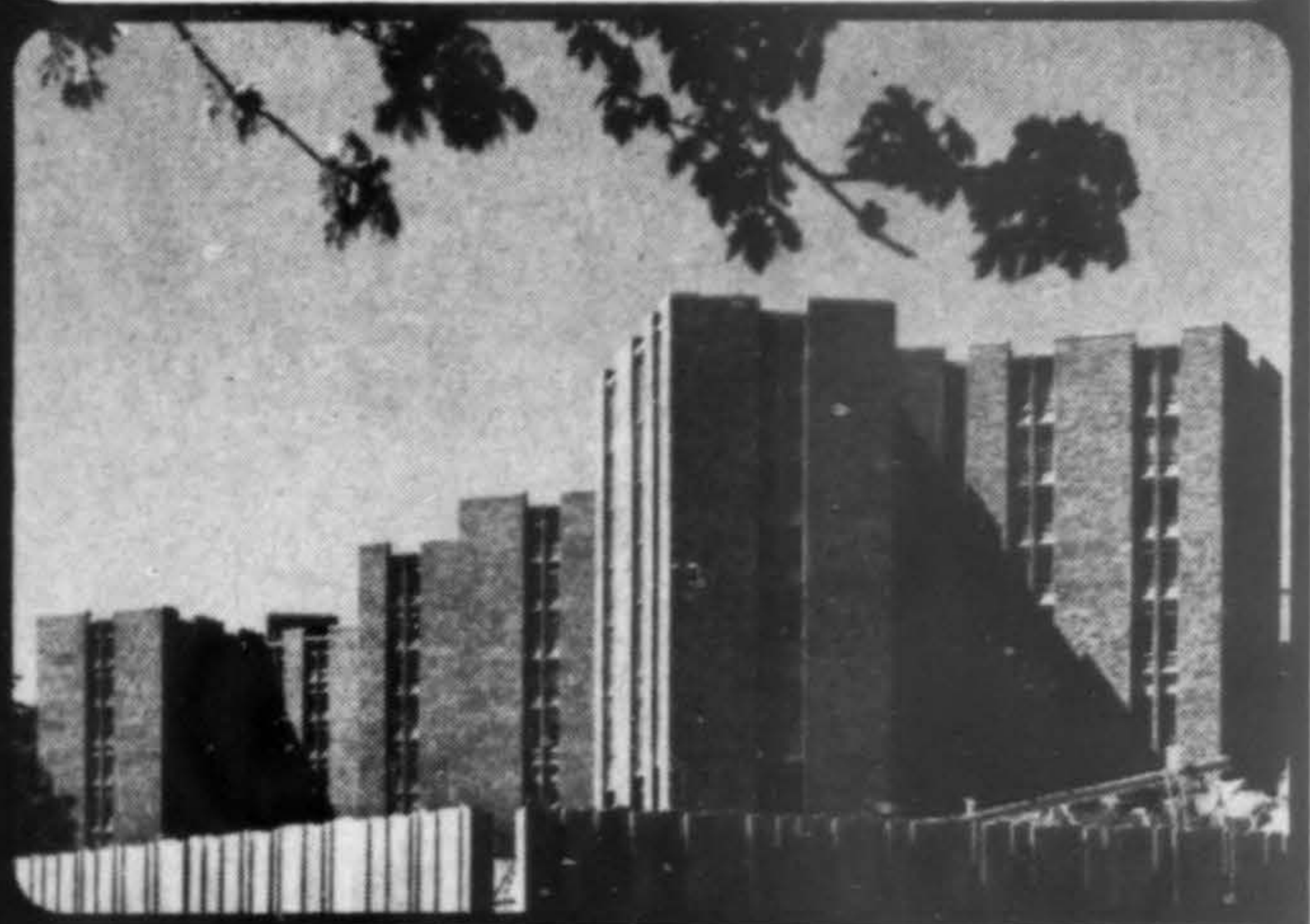
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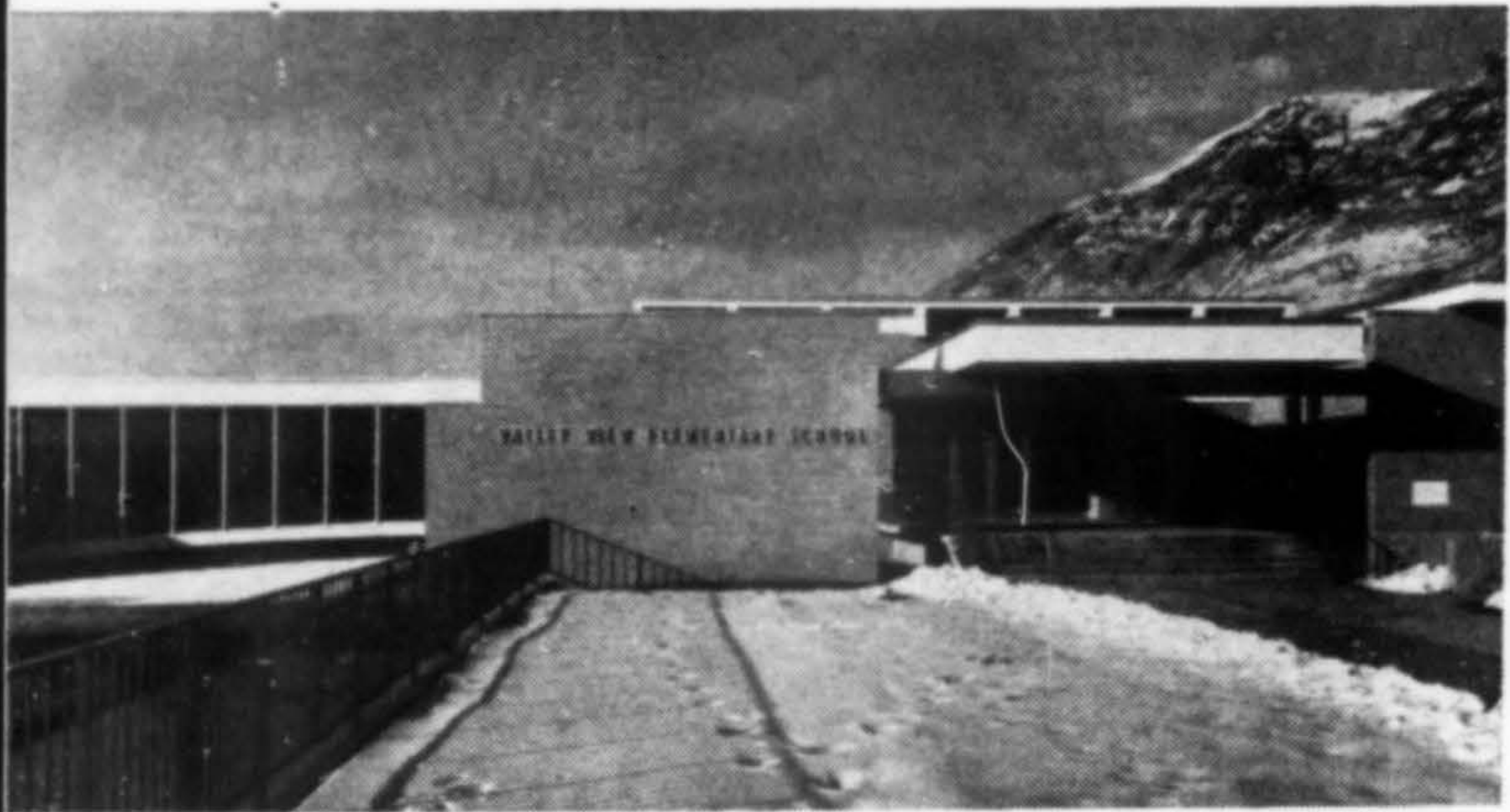
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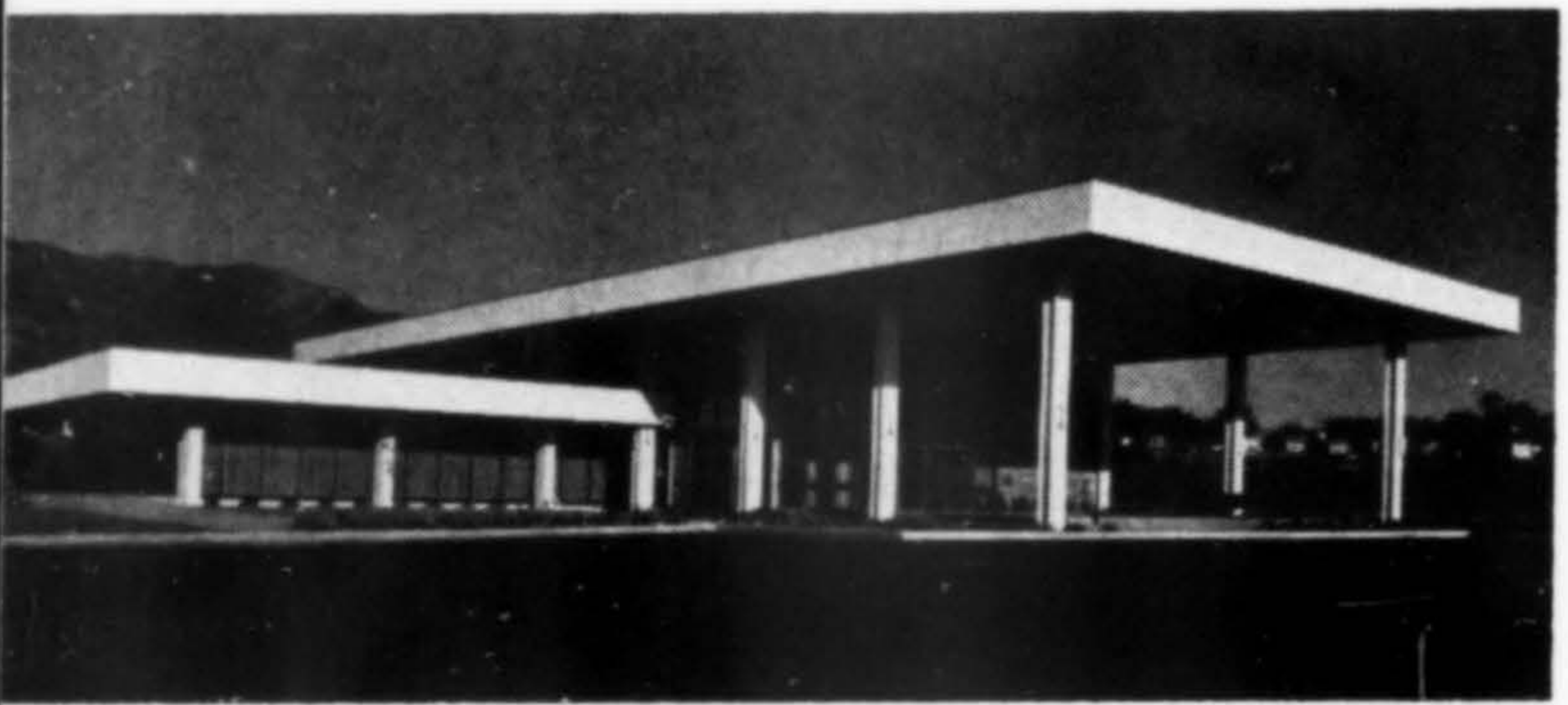
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1.



2.



3.



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6.



Utah Chapter, AIA, cites eight projects in annual competition

Eight Utah buildings were accorded awards of merit in the annual competition sponsored by the Utah Chapter, American Institute of Architects. Award-winning projects were chosen from 27 entries by a jury of Washington state architects: Ibsen Nelson and Fred Bassetti, FAIA, Seattle, and George Bartholick, campus planner at Western Washington State College, Bellingham.

MERIT AWARDS

1. **COLLEGE OF LAW**, University of Utah
Young & Fowler Associates, Architect
M. Morrin & Son Construction Co., Contractor
2. **VALLEY VIEW ELEMENTARY SCHOOL**, Pleasant Grove, Utah
Young & Fowler Associates, Architect
Richard J. Miller & Son Construction Co., Contractor
3. **FEDERAL EMPLOYEES CREDIT UNION HEADQUARTERS**, Ogden, Utah
Arthur Mueller, Architect; Tom Thliveris, Associate
Wadmann Construction Co., Contractor
4. **FORT DOUGLAS CLUB** remodeling and expansion, Salt Lake City
Dean L. Gustavson Associates, Architect
Skyline Construction Company, Contractor
5. **COLLEGE OF PHARMACY BUILDING**, University of Utah
Richardson & Richardson, Architect
Cannon Construction Company, Contractor
6. **BRANCH BANK**, Continental Bank & Trust Co., Salt Lake City
Snedaker & Budd, Architect
Paulsen Construction Company, Contractor
7. **DR. HARRY E. FISHER CLINIC** addition and expansion, Salt Lake City
Brixen & Christopher, Architect
Williams & Peterson, Contractor
8. **EAST ELEMENTARY SCHOOL**, Tooele, Utah
Scott, Louie & Browning, Architects-Engineers
Hogan & Tingey, Contractor

7.

8.





'taint paint

"This is stain."

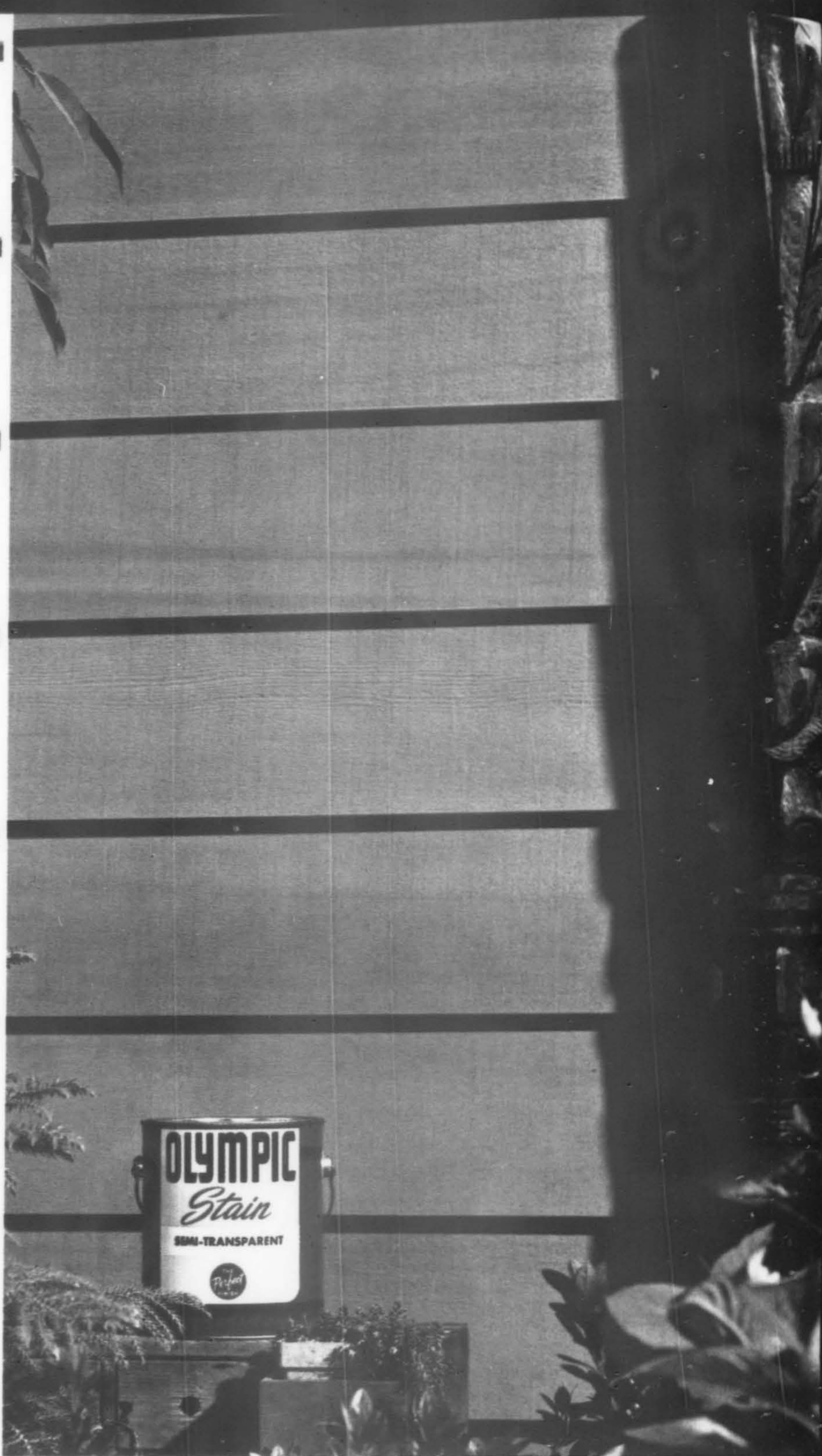
"Are you sure?"

"Positive. Olympic Solid Color Stain. Hides like expensive paint. But it costs a lot less. Easier to apply, too. Even over old paint. And it doesn't make a thick film over the wood; you can still see the natural beauty of the texture. Oh, and it's guaranteed. Won't crack, peel, flake or blister."

"That's a promise?"

"In 30 beautiful, living colors."

Olympic Solid Color Stain



'tis beautiful

"This is Olympic Semi-Transparent Stain."

"Beautiful!"

"Exactly. See how it adds color and depth without hiding the natural richness of the wood?"

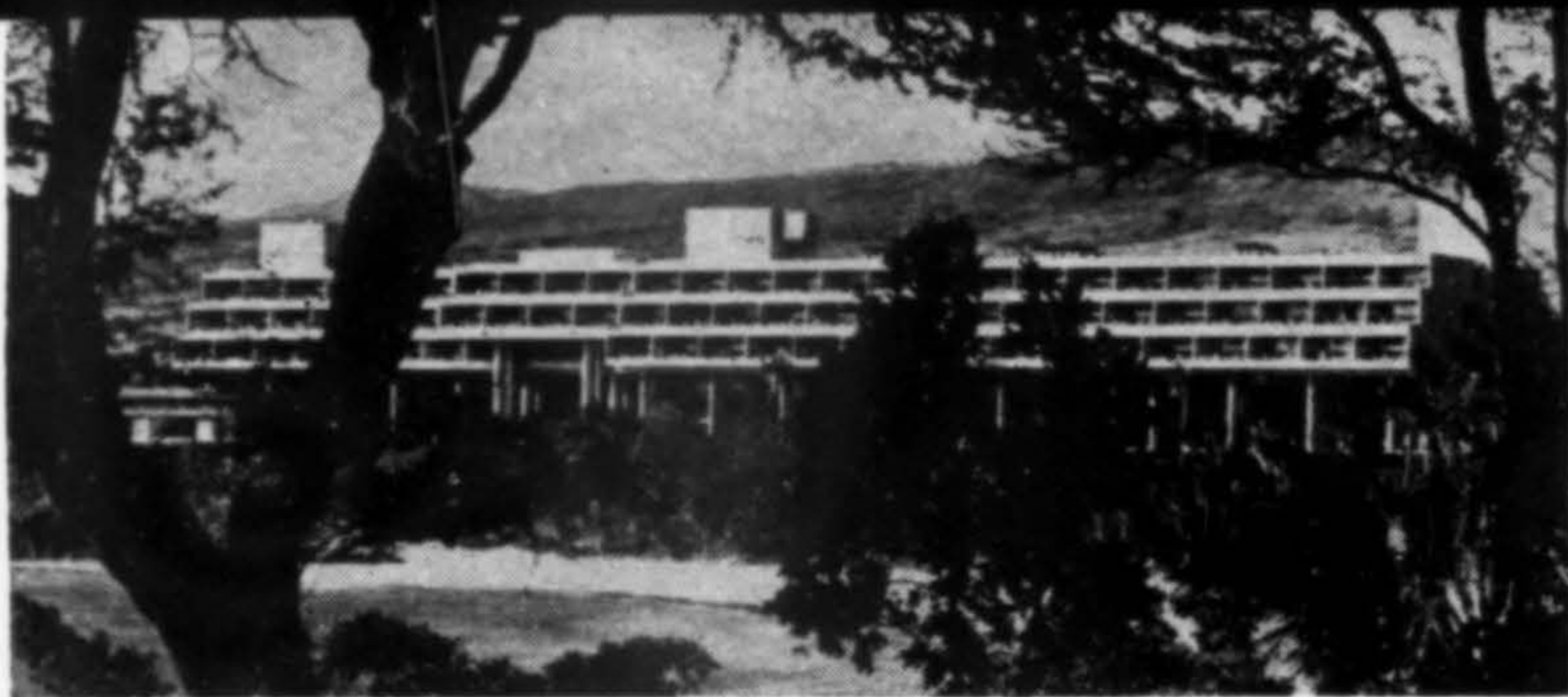
"Really shows off the grain and texture, doesn't it?"

"Right. And in 36 tones. That's why architects like it. And builders. 'Fact, anybody who likes wood likes Olympic."

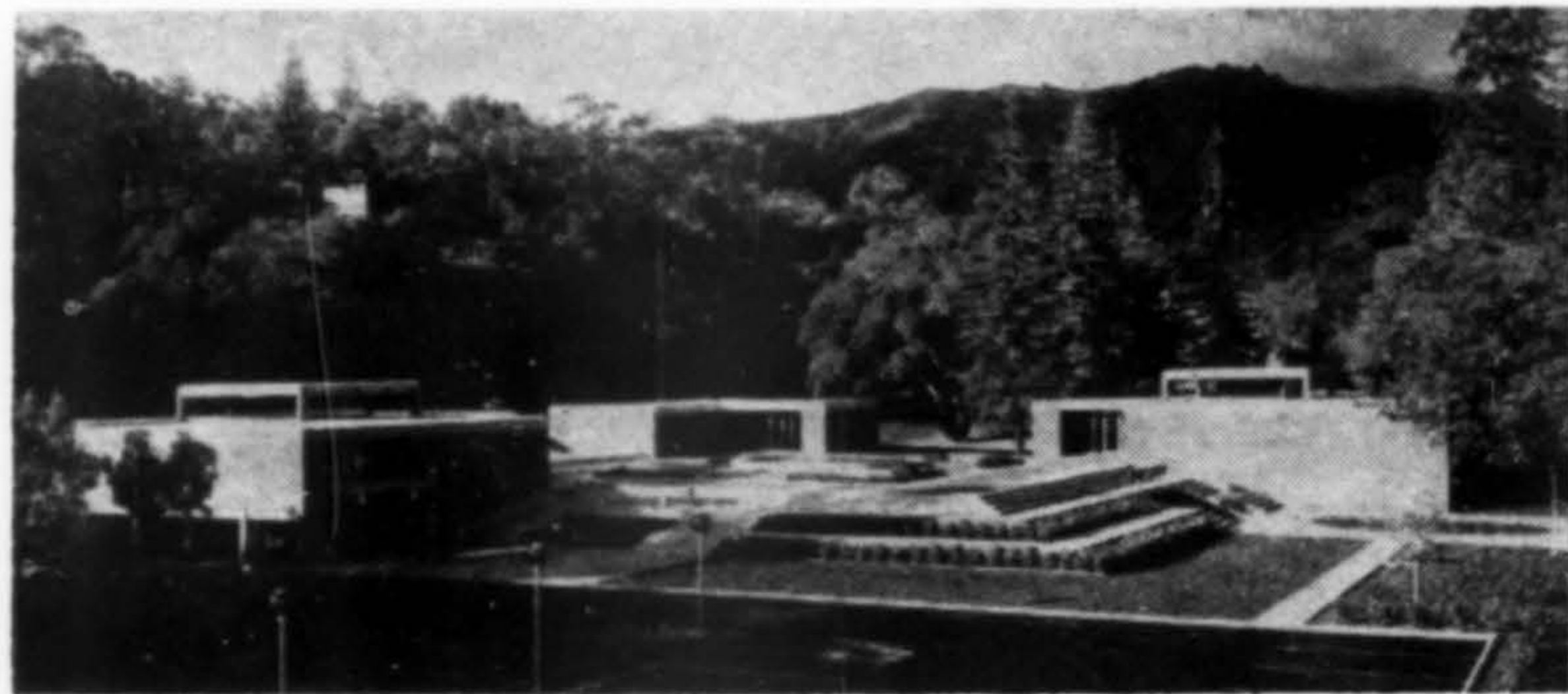
"I like wood."

"I *knew* you were my kind of people."

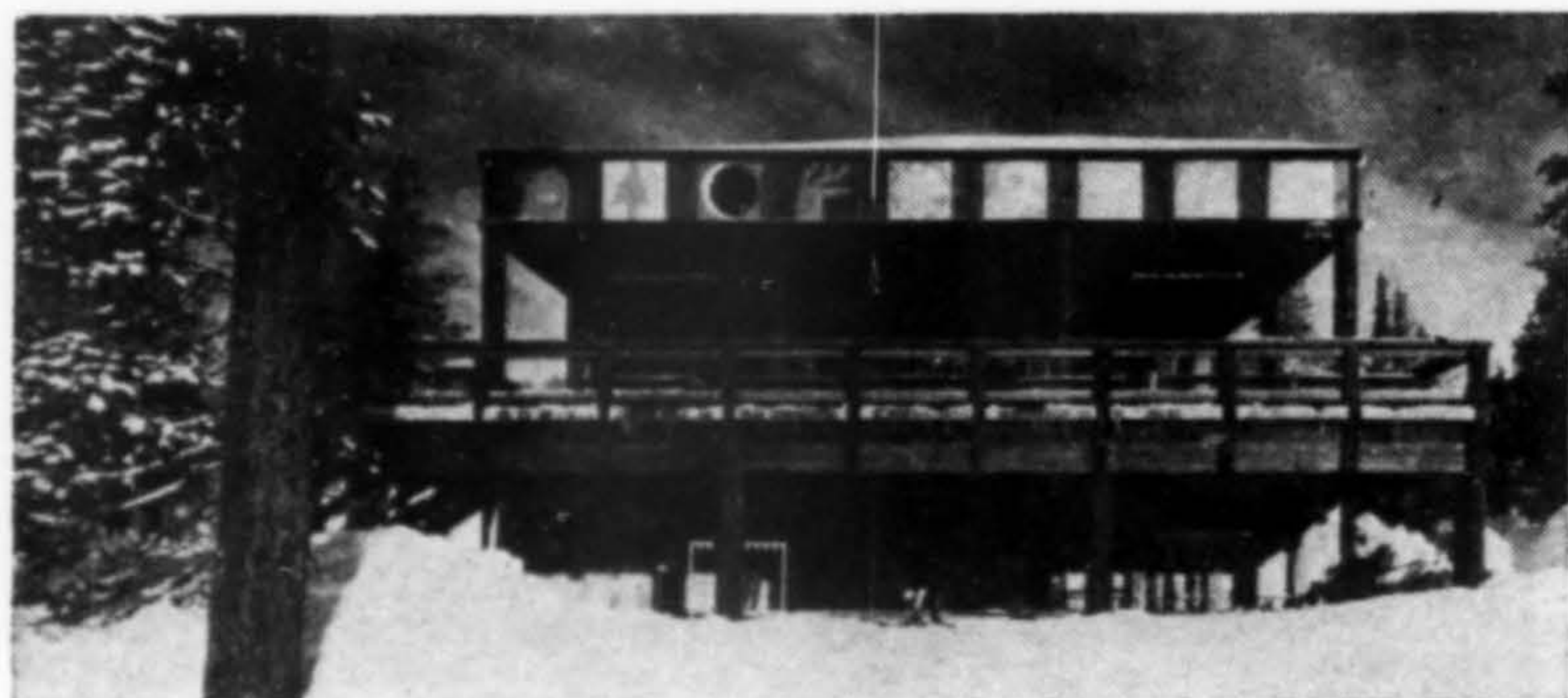
Olympic Semi-Transparent Stain



MAUNA KEA BEACH Hotel, Kamuela, Hawaii; Skidmore, Owings & Merrill, architect.



CIVIC CENTER, Los Gatos, California; Stickney & Hull, architect.



BOREAL RIDGE recreational development, Truckee, California; Ian Mackinlay AIA & Associates.

AIA honors six Western projects

Six of the 20 Honor Awards accorded by the American Institute of Architects were presented to Western architects. The awards, presented during the 99th annual convention in New York City, were selected from a total of 317 entries. Jurors were James F. Hunter, FAIA, Boulder, Colorado, chairman; R. Max Brooks, FAIA, Austin, Texas; Vladimir Ossipoff, FAIA, Honolulu; Joseph N. Smith, AIA, Atlanta, and Philip Will, Jr., FAIA, Chicago.



SEA RANCH Condominium I, Sonoma County, California; Moore, Lyndon, Turnbull, Whitaker, architect.



RIDGEWAY MEN'S DORMITORIES, Western Washington State College, Bellingham, Washington; Fred Bassetti & Co., architect. (A/W, Nov. '63).

REDWOOD NATIONAL BANK, Napa, California; Neill Smith & Associates, architect.



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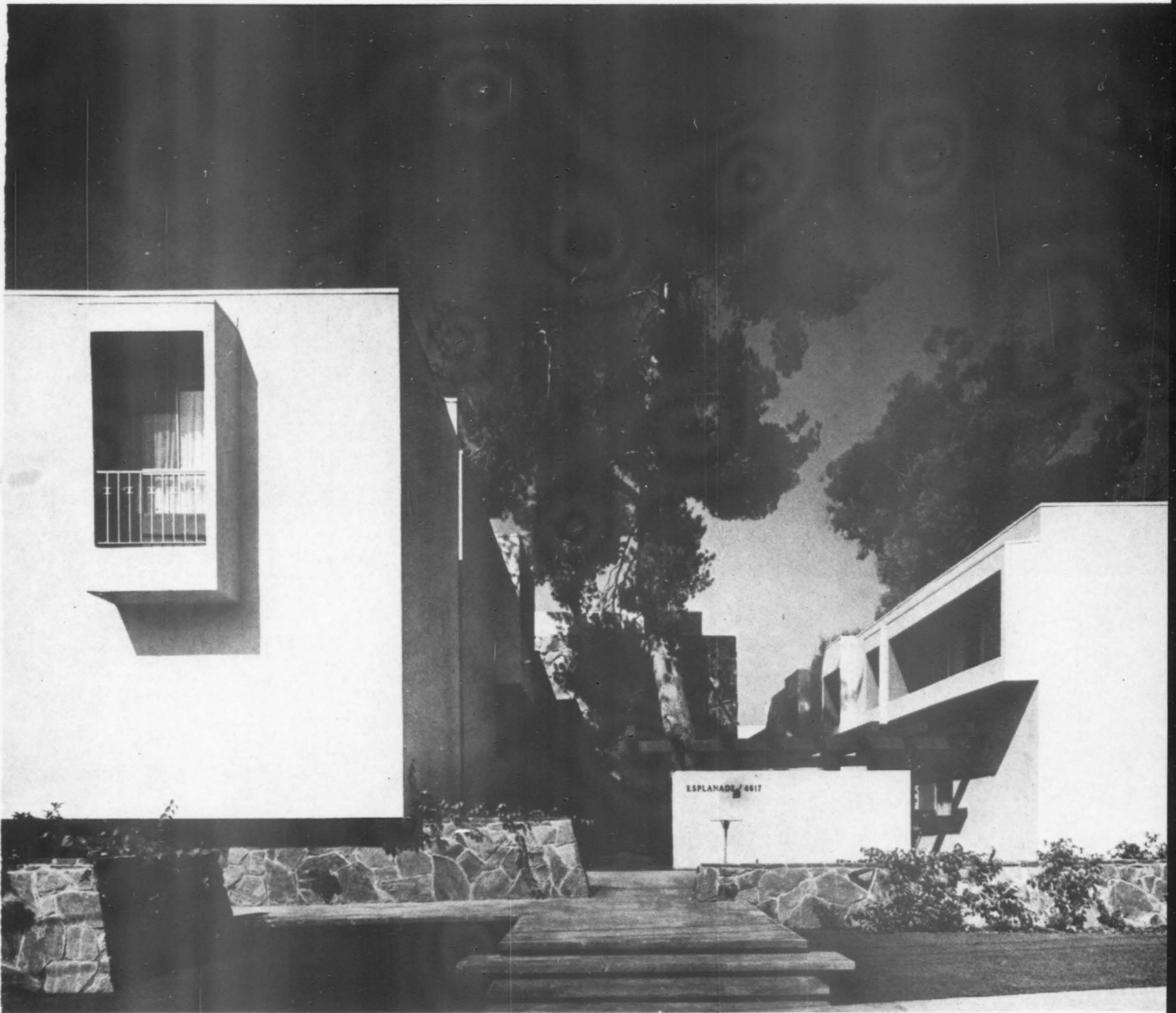
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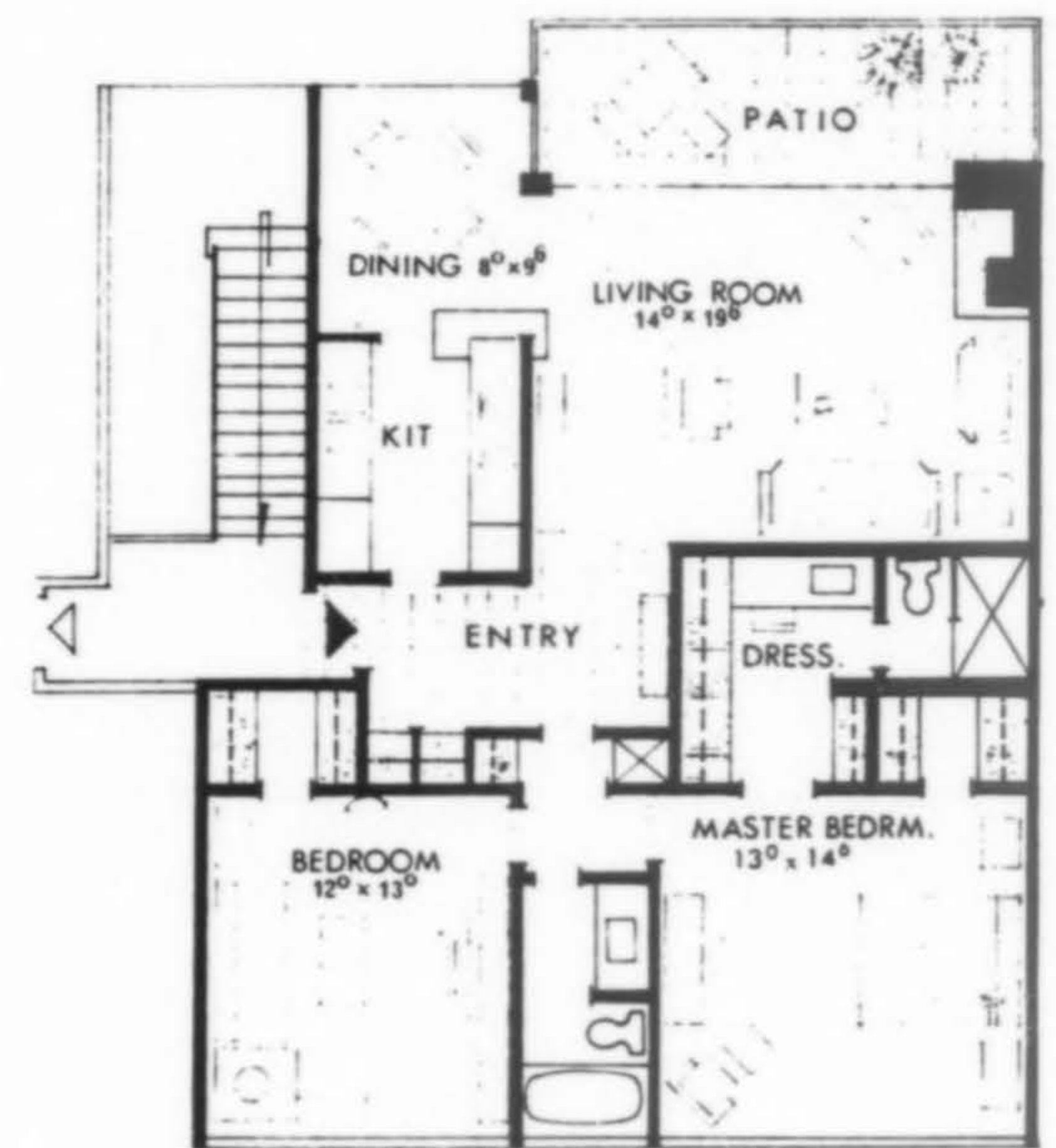
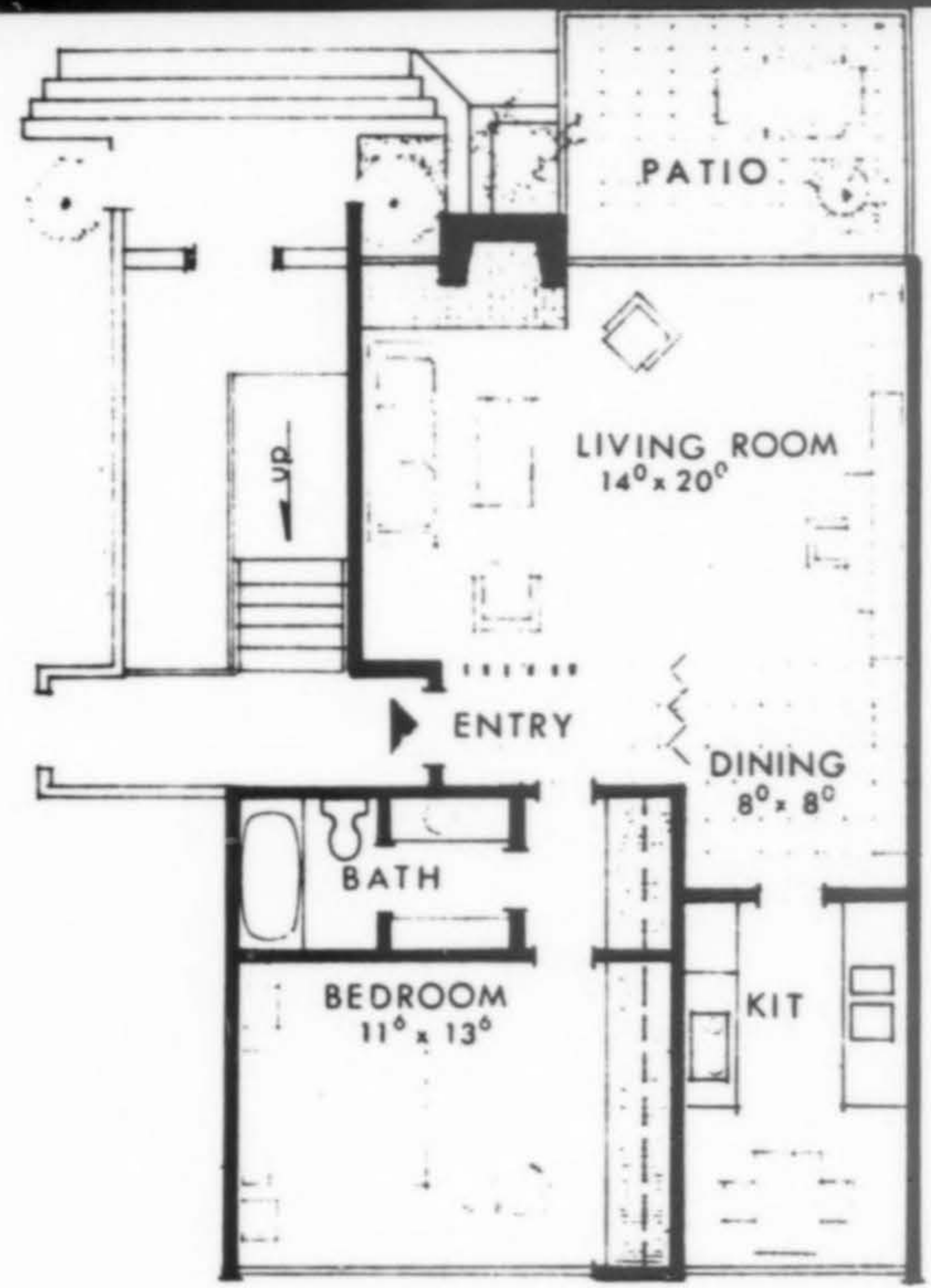
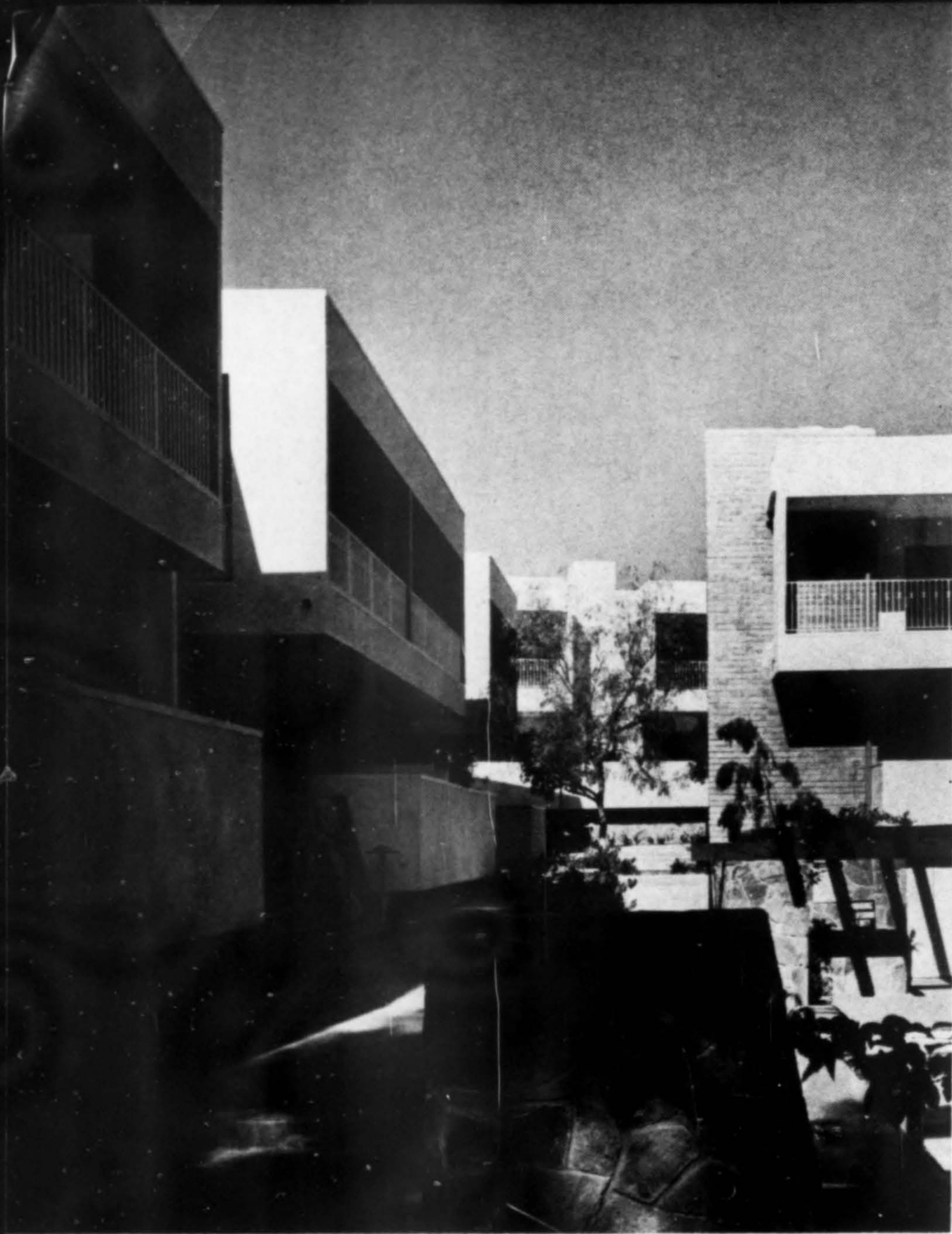
drinking fountains • water coolers
laboratory and decontamination equipment
dental fountain/cuspidors

Spatial sequences:
A THOUGHT for the PEDESTRIAN



ESPLANADE APARTMENTS, Sherman Oaks, California

KAMNITZER and MARKS, Architects



ESPLANADE APARTMENTS

38 units in 12 different plans, including one and two bedroom, two bedroom and den and studio suites with three baths.

Wood frame and stucco construction

Gross building square footage: 46,322

Net rentable square footage: 42,652

Balconies & private patios: 6,270

Parking: 53 cars, 13 tandem

Owner-Builder: Janet and Hyman Harrison

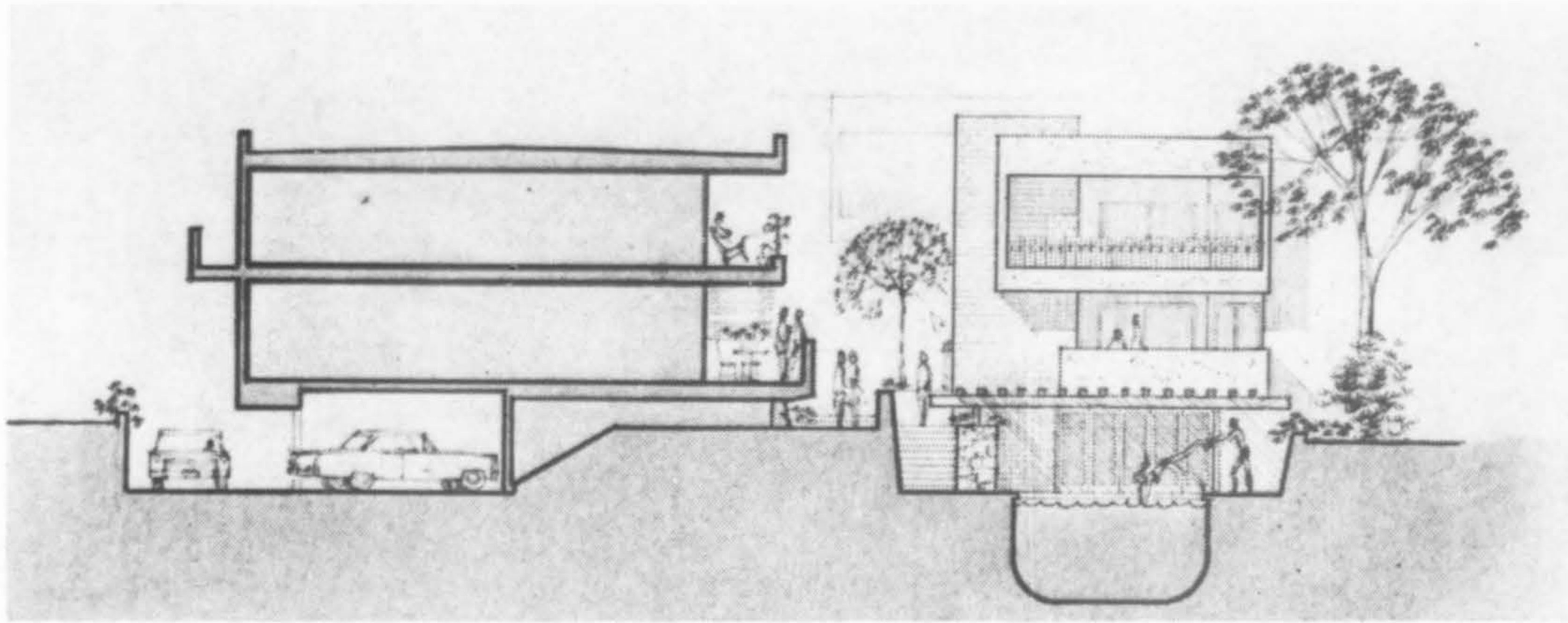
Landscape Architect: Courtland Paul

Electrical Engineer: Jerry Athans

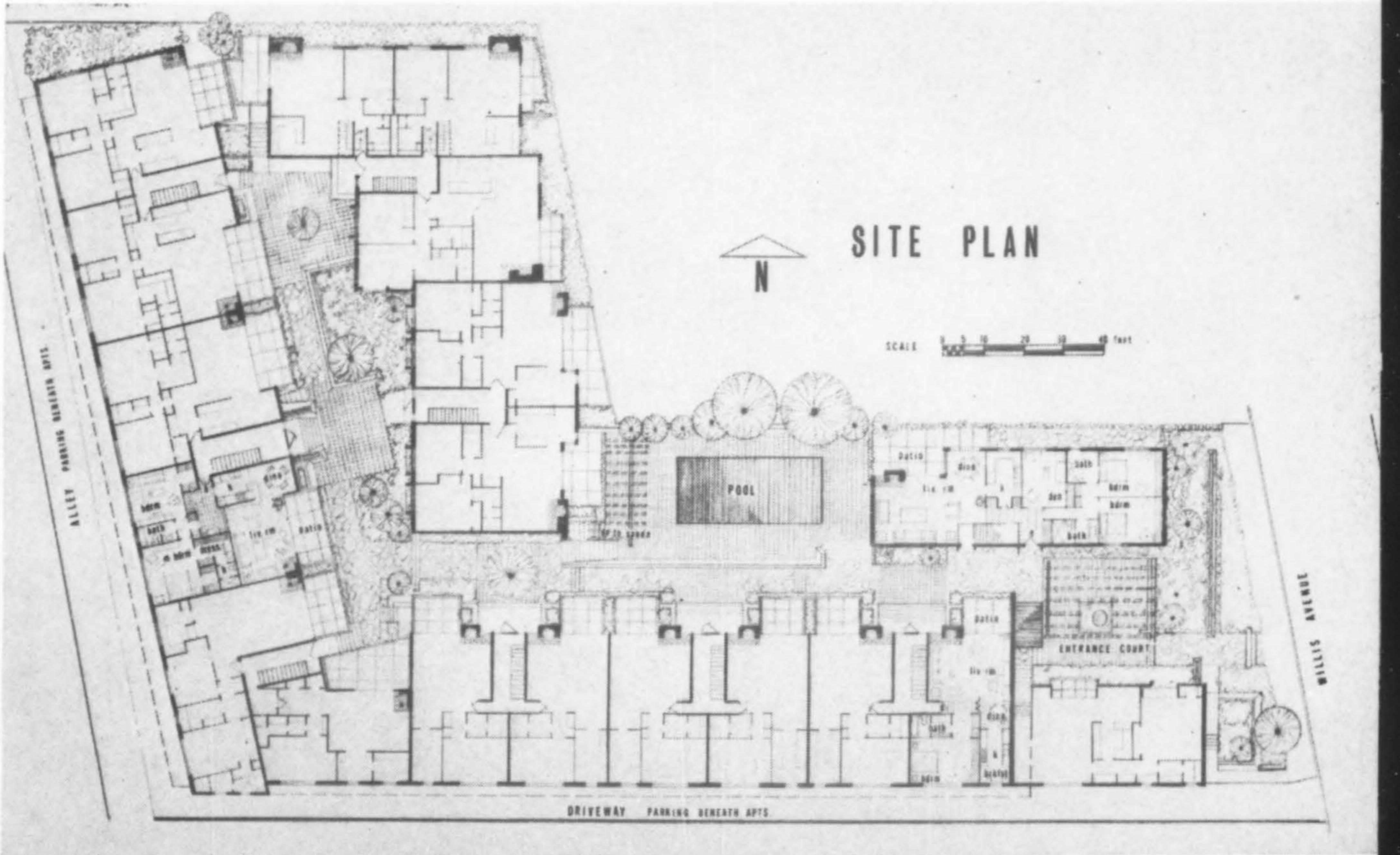
Structural Engineer: Reiss & Brown



Photos by Jordan



A reception court, built around an 80-ft. existing pine tree, invites one to enter and, upon entering, the visitor is immediately caught up in a series of spatial sequences geared to the pedestrian. The entrance court, with its old conifer, fountain, pergola and free-standing mailbox wall, approaches a large open area through a narrow passage-way. Here, a sunken swimming pool at the lowest end leads upward via landings to the stairhalls. Between these, a terraced major walkway leads through still another constricted space to stairhalls leading up to apartments and down to the garage area.



MINOR
JONES
BUILDING



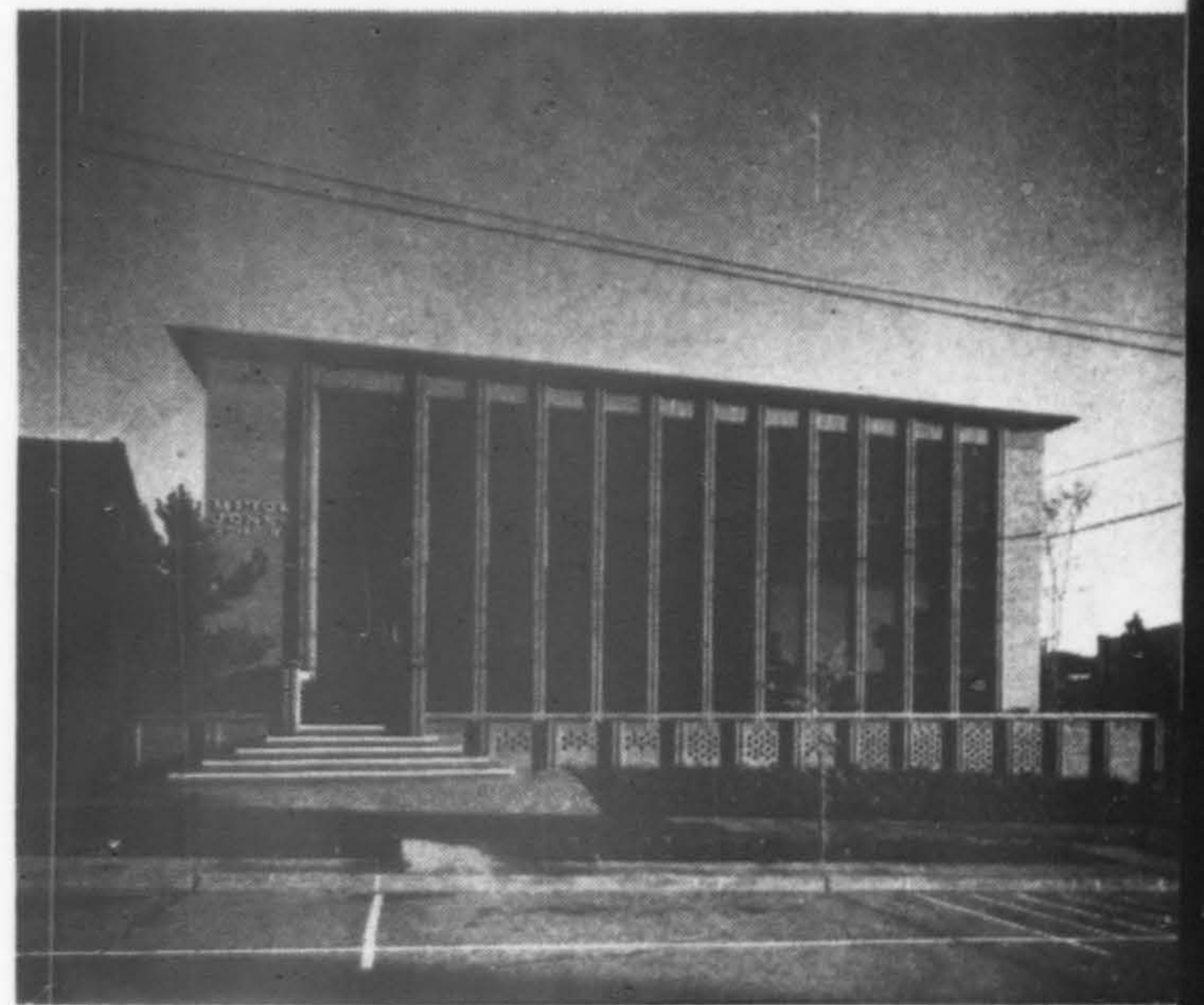
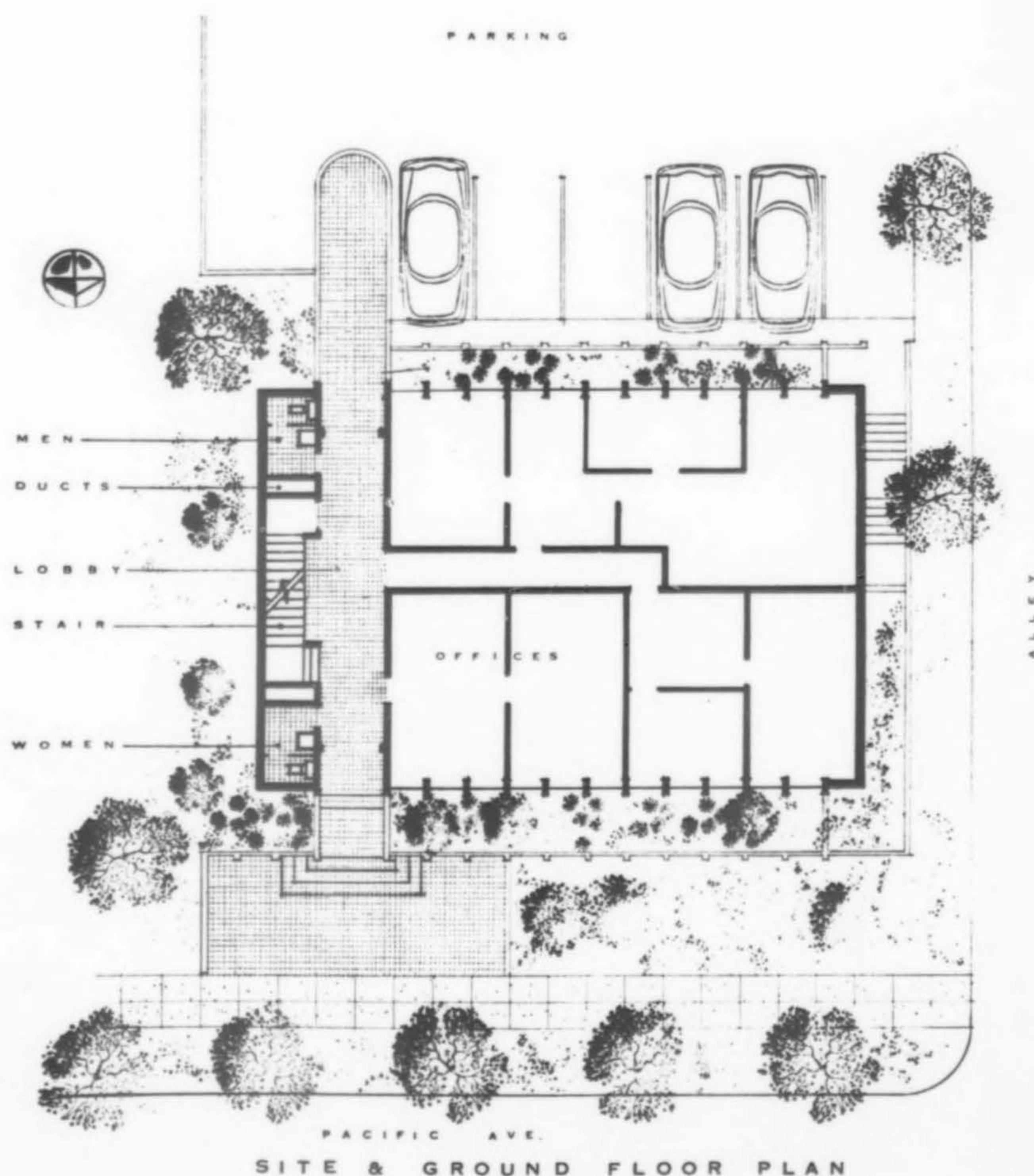
Handsome - inside and out

ENHANCING an area rapidly responding to a new vitality in the city of Everett is this three-story, 7,200-sq. ft. office building, located just south of the new Snohomish County Courthouse. A patterned brick garden wall around the building provides a sunken landscaped court for daylighting the lower floor.

The entrance corridor has a buff-colored quarry tile floor which continues into the parking area on the south and to the sidewalk on the north. Exterior walls and columns of the building are a buff-colored brick with solar bronze colored glass framed in bronze anodized sash. The plate glass is heat-absorbing, double-pane to reduce glare and provide sound isolation from traffic noises.

Steel beams and columns form the structural system with concrete subfloors to provide acoustical separation between floors. Walls and ceilings are paneled with oak flooring applied horizontally and stained a warm brown color. Stairways and other corridors have gold-colored carpeting. Offices have acoustical tile ceilings with modular fluorescent lighting fixtures, which can be located to accommodate any office arrangement. The building is air-conditioned with a multiple zone, gas-fired heating and cooling air-handling unit.

Consultants on the project were Gerard Torrence, structural; Valentine, Fisher & Tomlinson, mechanical and electrical; William Teufel, landscape architect.

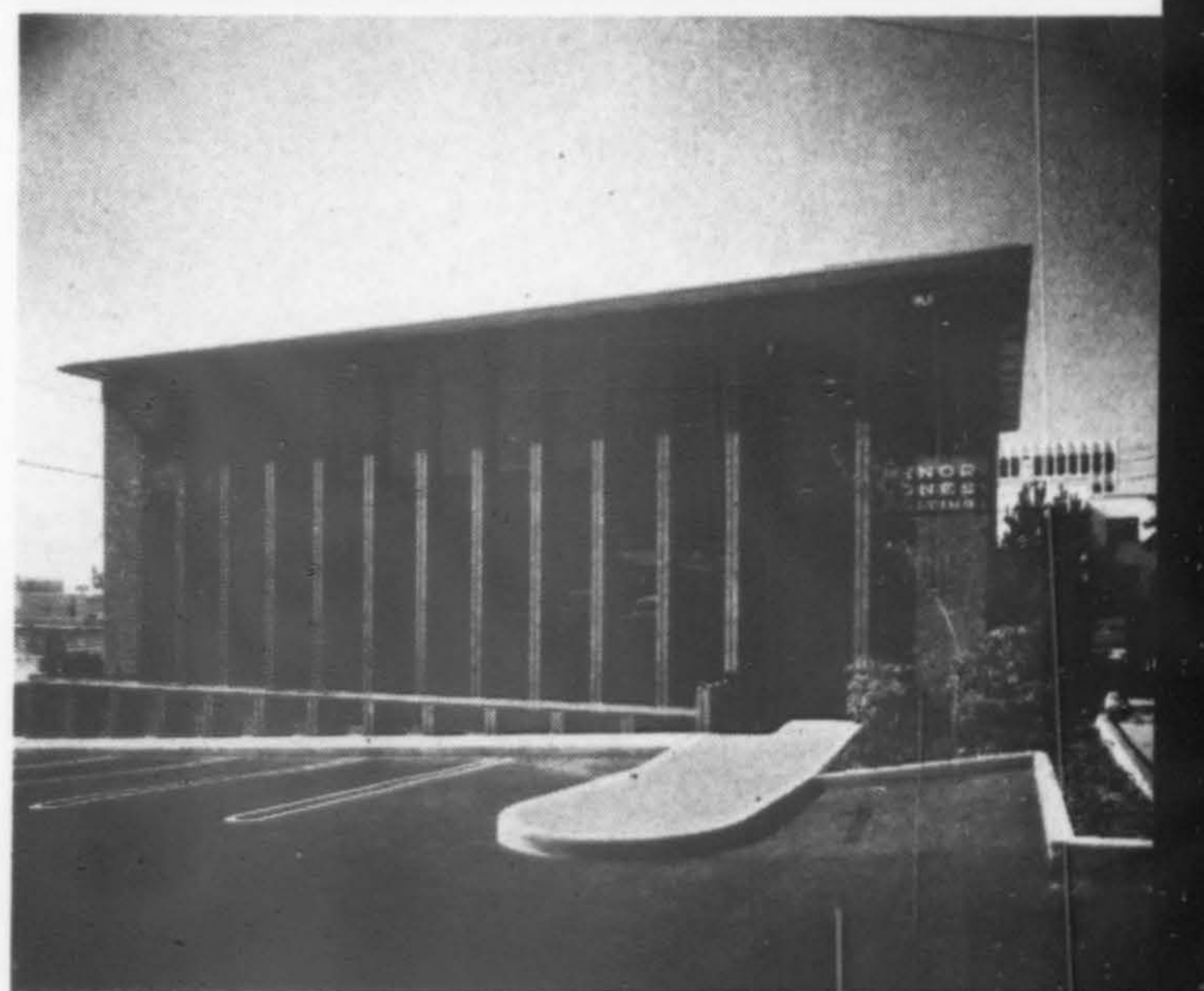


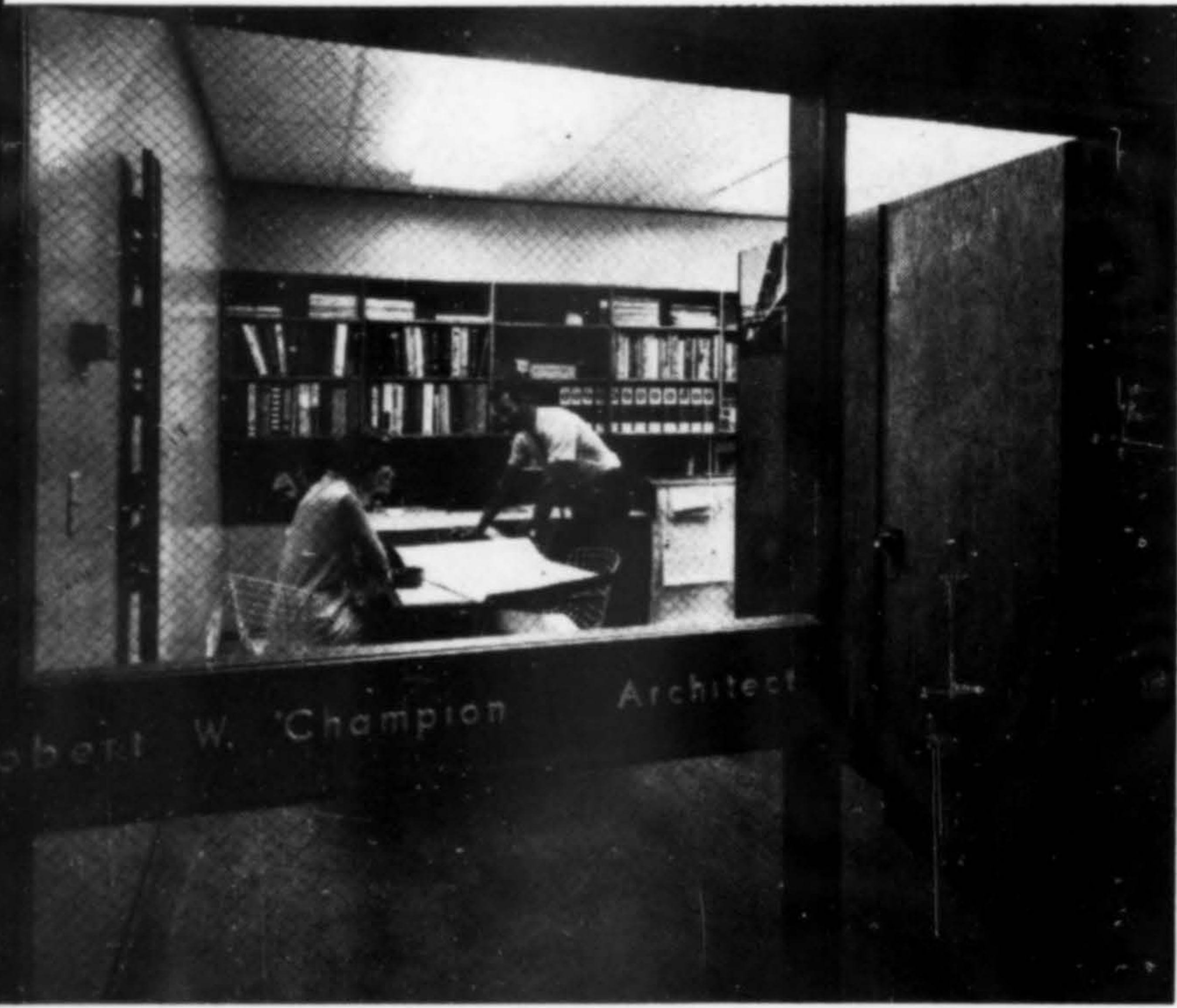
MINOR-JONES BUILDING
Everett, Washington

MITHUN & ASSOCIATES
Architect
Robert W. Champion, Project Architect

SANFORD WRIGHT
Contractor

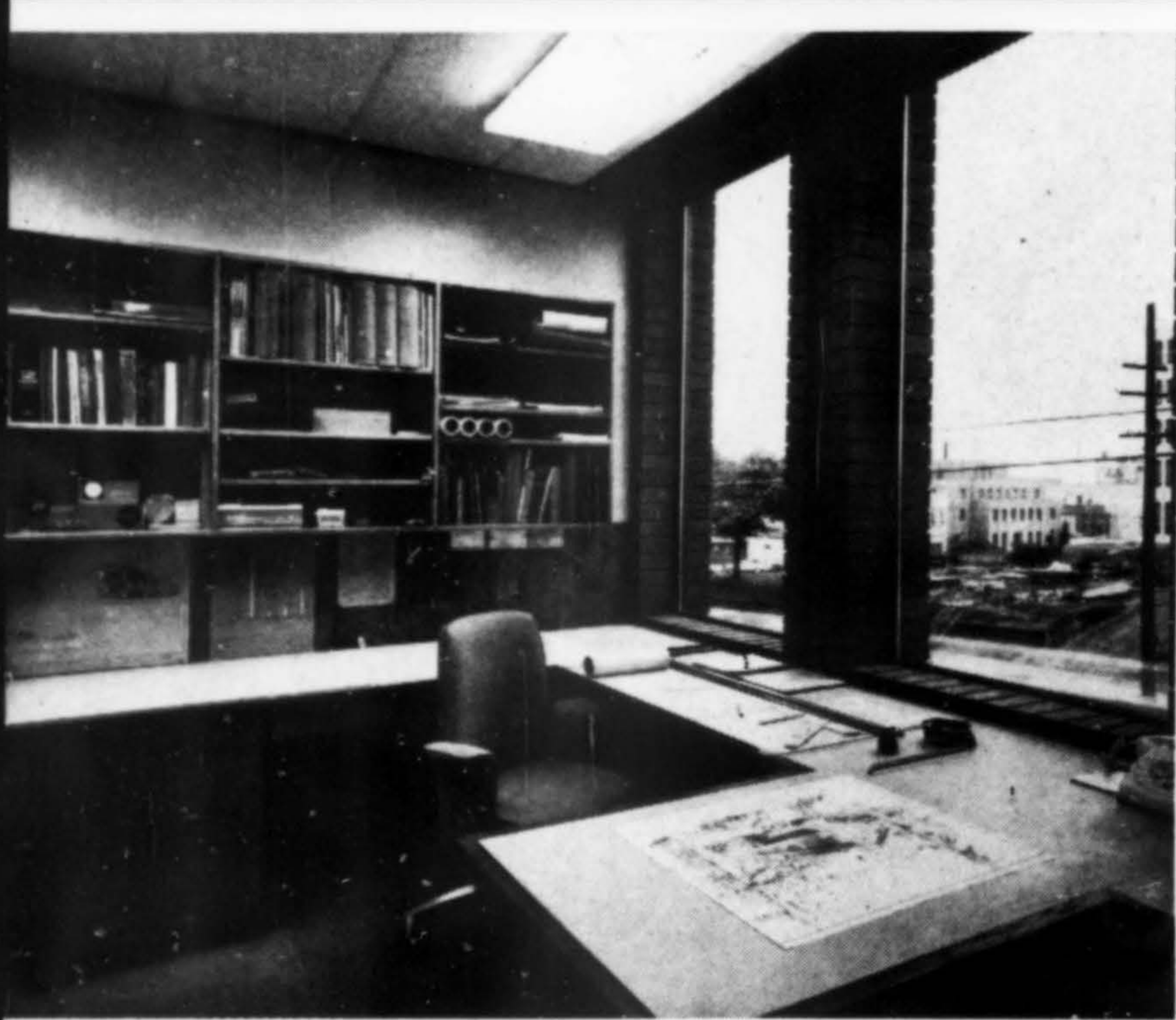
Hugh N. Stratford photos





Where the architects hang their hats . . .

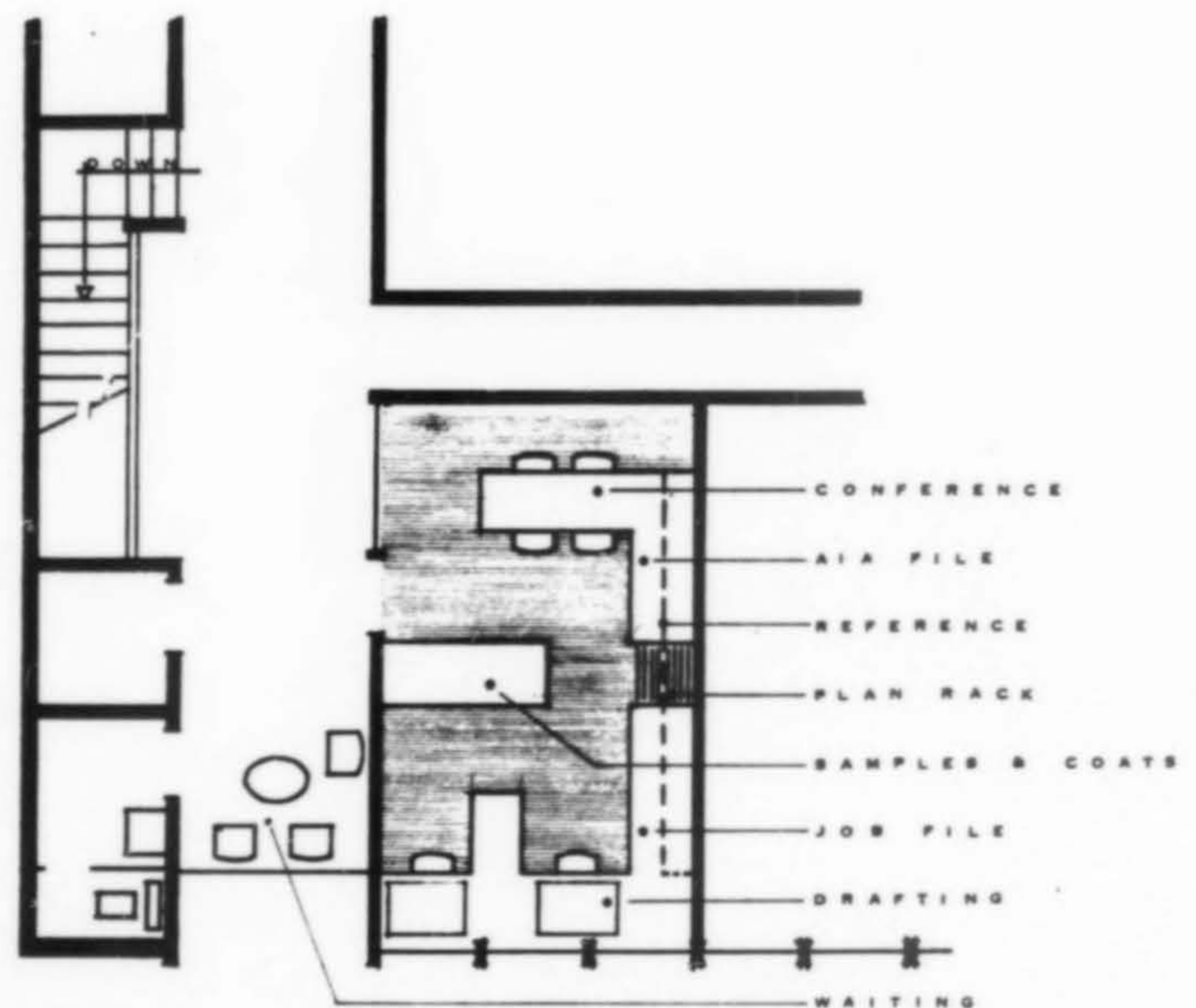
ROBERT W. CHAMPION
Everett, Washington



ROBERT CHAMPION's office in the Minor-Jones Building fits him well—he was project architect on the building. (See preceding pages.)

After graduating from the University of Washington (1960), he became associated with Mithun & Associates, Bellevue, Washington, where he remained approximately five years. Following completion of this project, he left the Mithun office to establish his own firm in Everett where he is working in the commercial and residential field.

The office is arranged for efficient utilization of space, and was treated as a single unified area with the only separation of the space being the free-standing storage cabinet. The conference table wraps around the perimeter of the office, forming the drafting areas along the north-oriented window wall. All floors, including the drafting area, are covered with gold carpeting. The oak cabinetwork is stained to match the oak paneling and trim in the building.



Hugh N. Stratford photos

Compatibility of plant, product, site

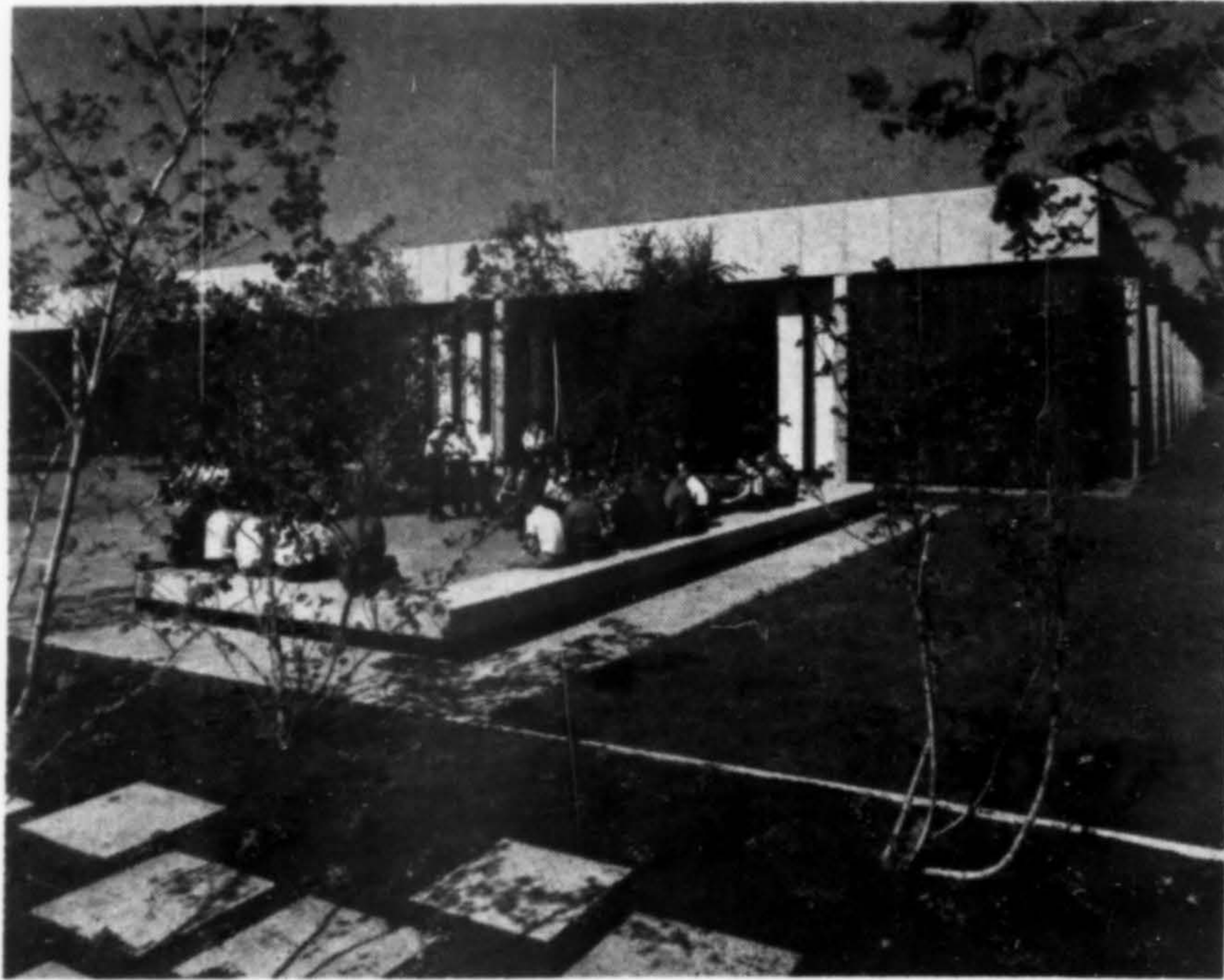


OMARK INDUSTRIES, INC., Milwaukie, Oregon

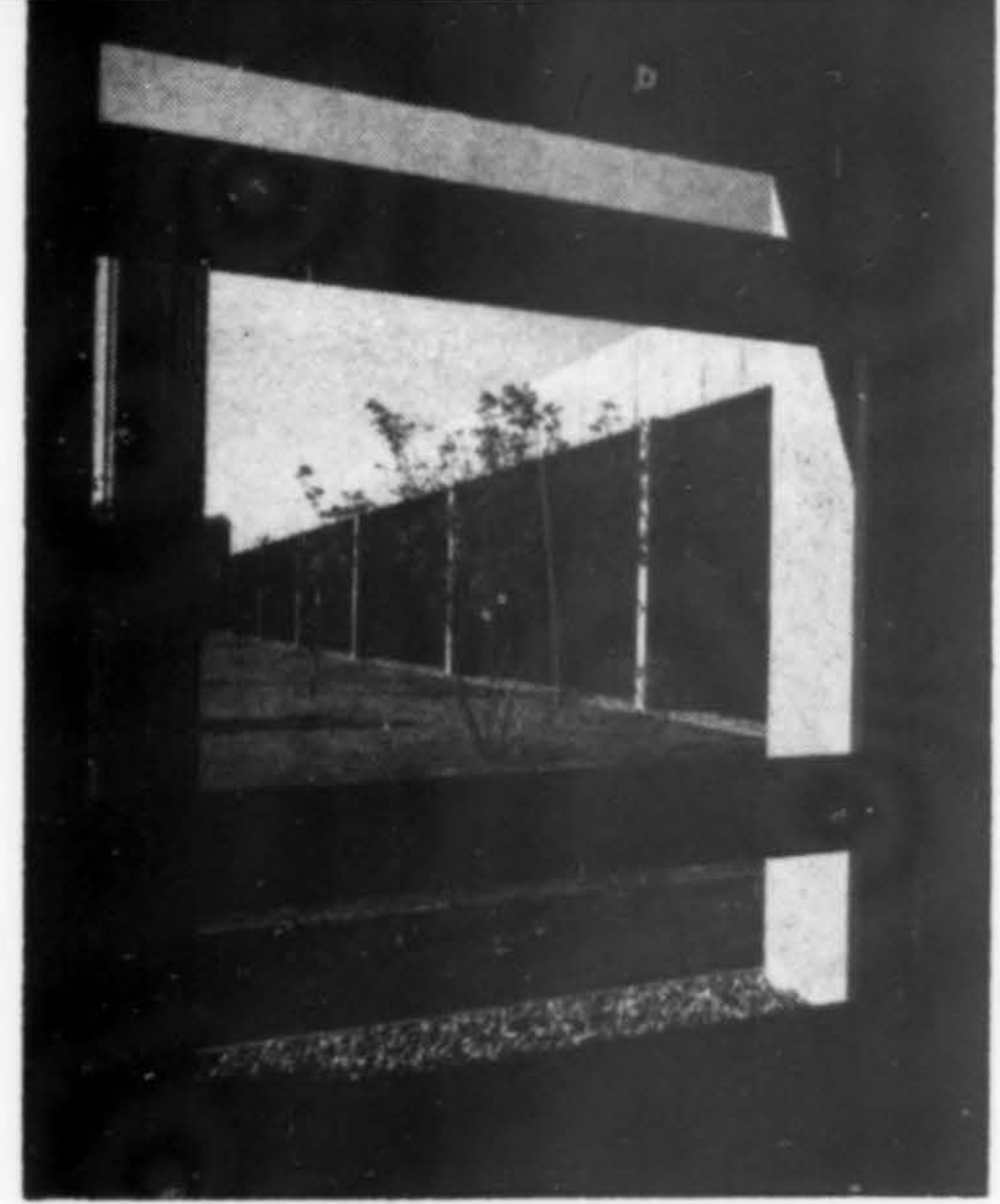
SKIDMORE, OWINGS & MERRILL, Architects

JUHR & SONS, OREGON LTD., General Contractor

COMPATIBILITY OF PLANT, PRODUCT, SITE



SKIDMORE, OWINGS & MERRILL, Architects

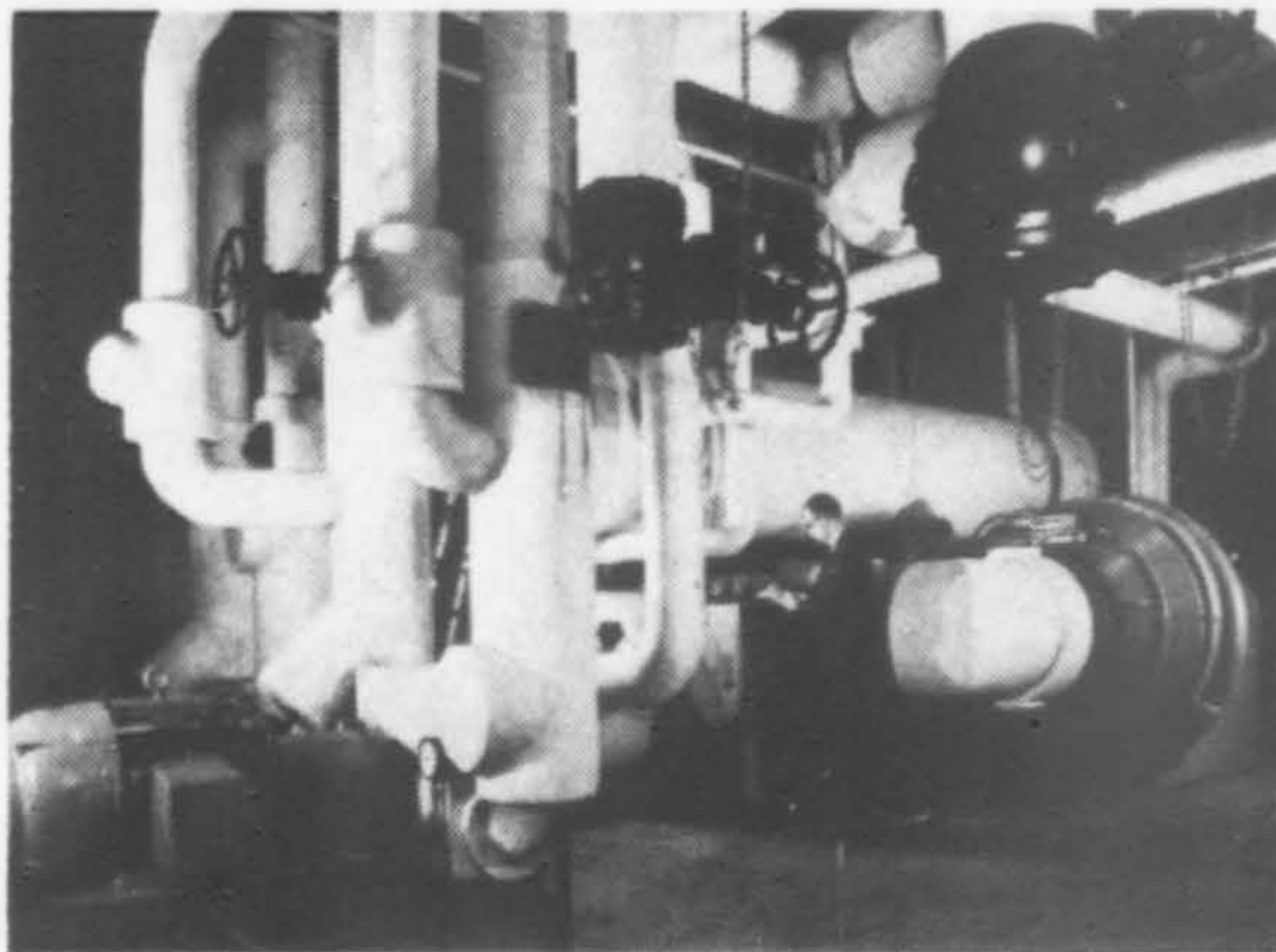
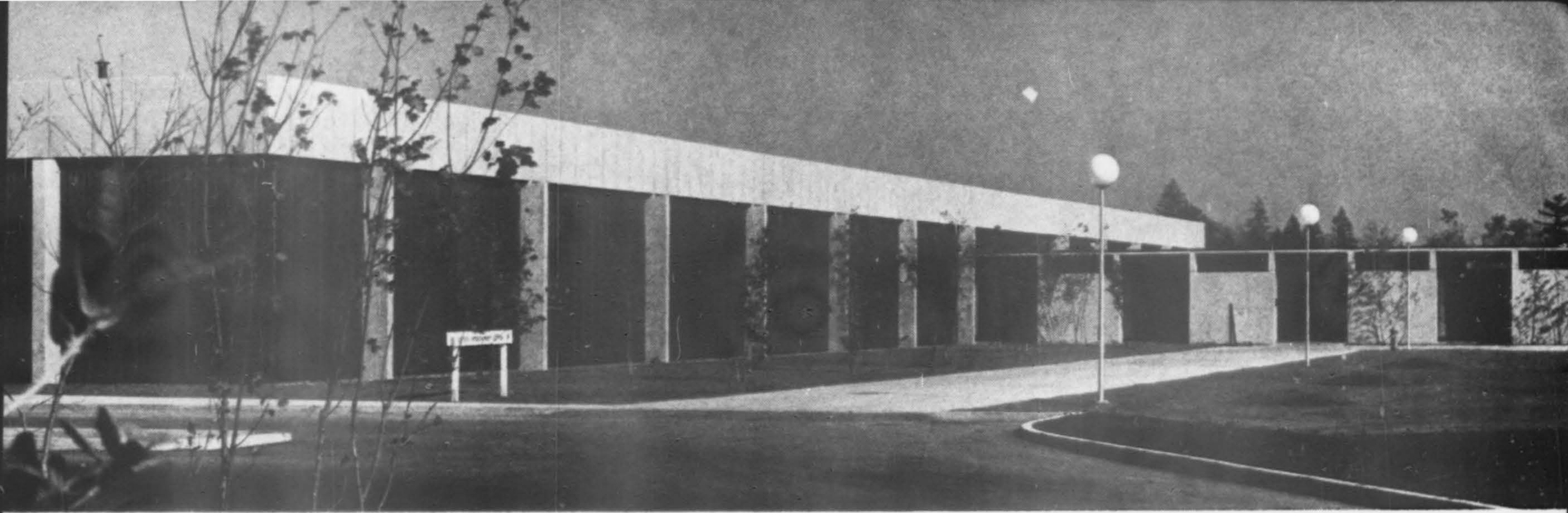


OMARK Industries, Inc. manufacturing plant is located on 33 acres in a wooded suburban area just east of the city of Milwaukie, providing a pleasant environment for a manufacturing facility.

The manufacturing building is one story, approximately 155,000 sq. ft., completely air conditioned. The basic structure has reinforced concrete columns, glu-laminated roof beams and wood decking. Exterior wall surfaces are redwood batt on cedar boards fastened to tilt-up concrete walls set between the exposed concrete columns. All materials used are closely related to Omark's cutting and fastening products.

Completed in 1965 at an approximate cost of \$2.4 million (including site preparation, parking, landscaping), consultants were Cooper & Rosé, structural; Steelman-Duff, Inc., site preparation.



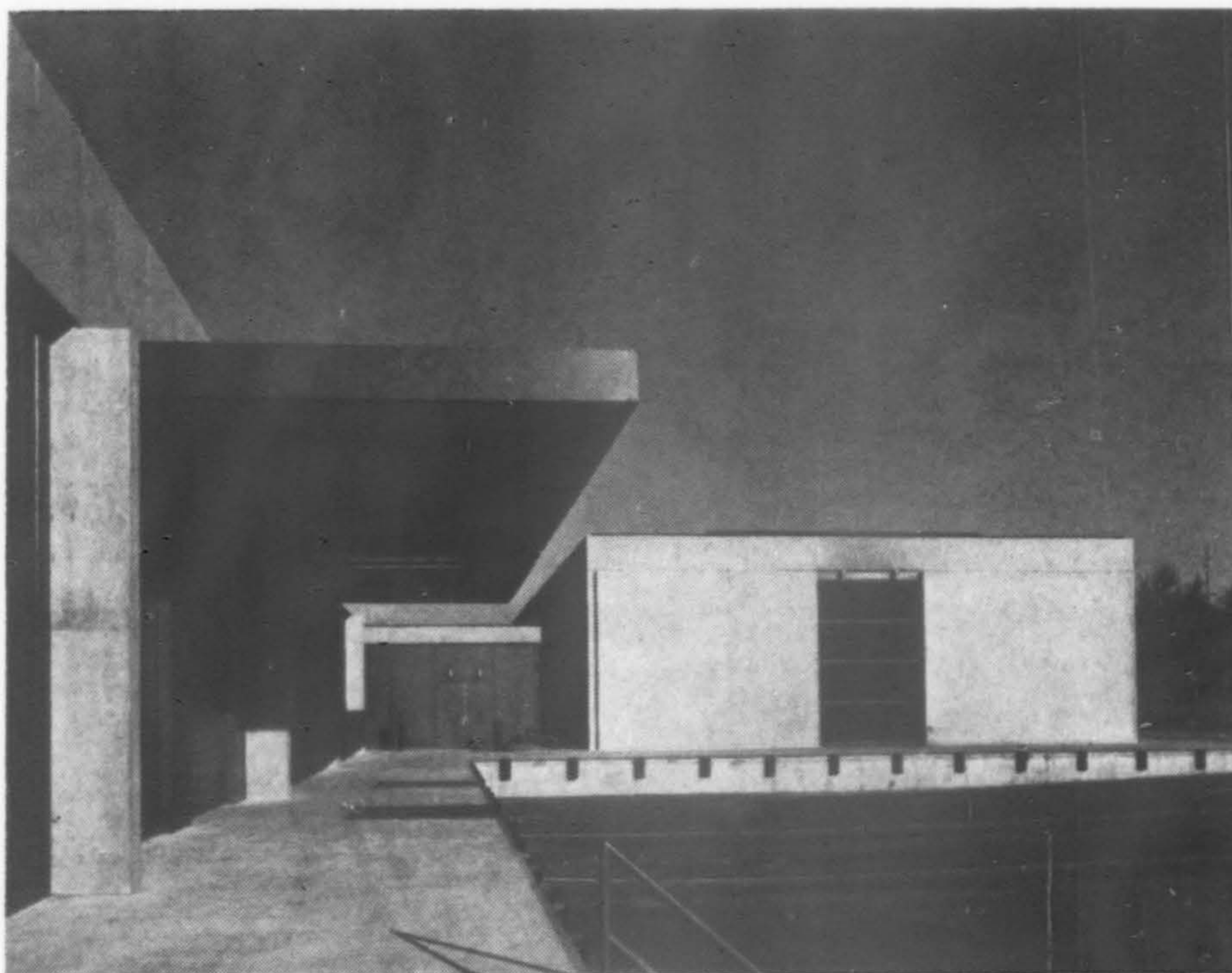


Mather Photos

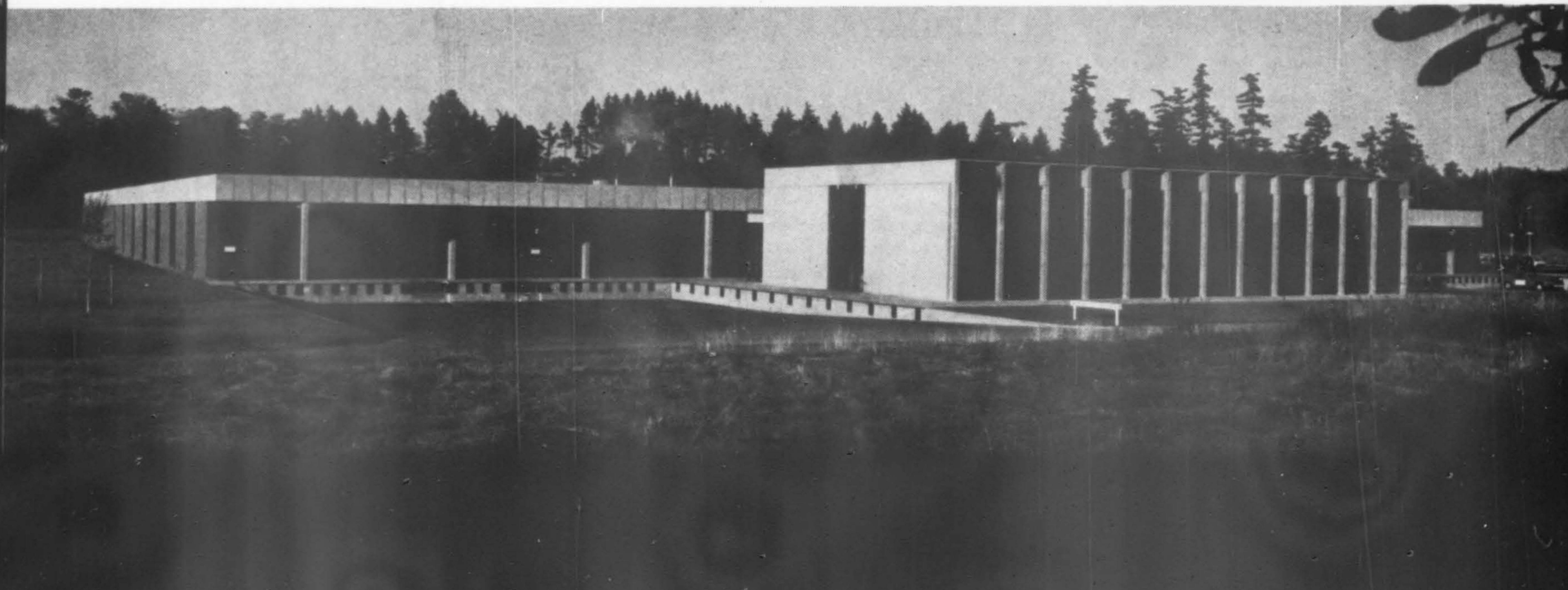
Site planning evolved four basic functional elements:

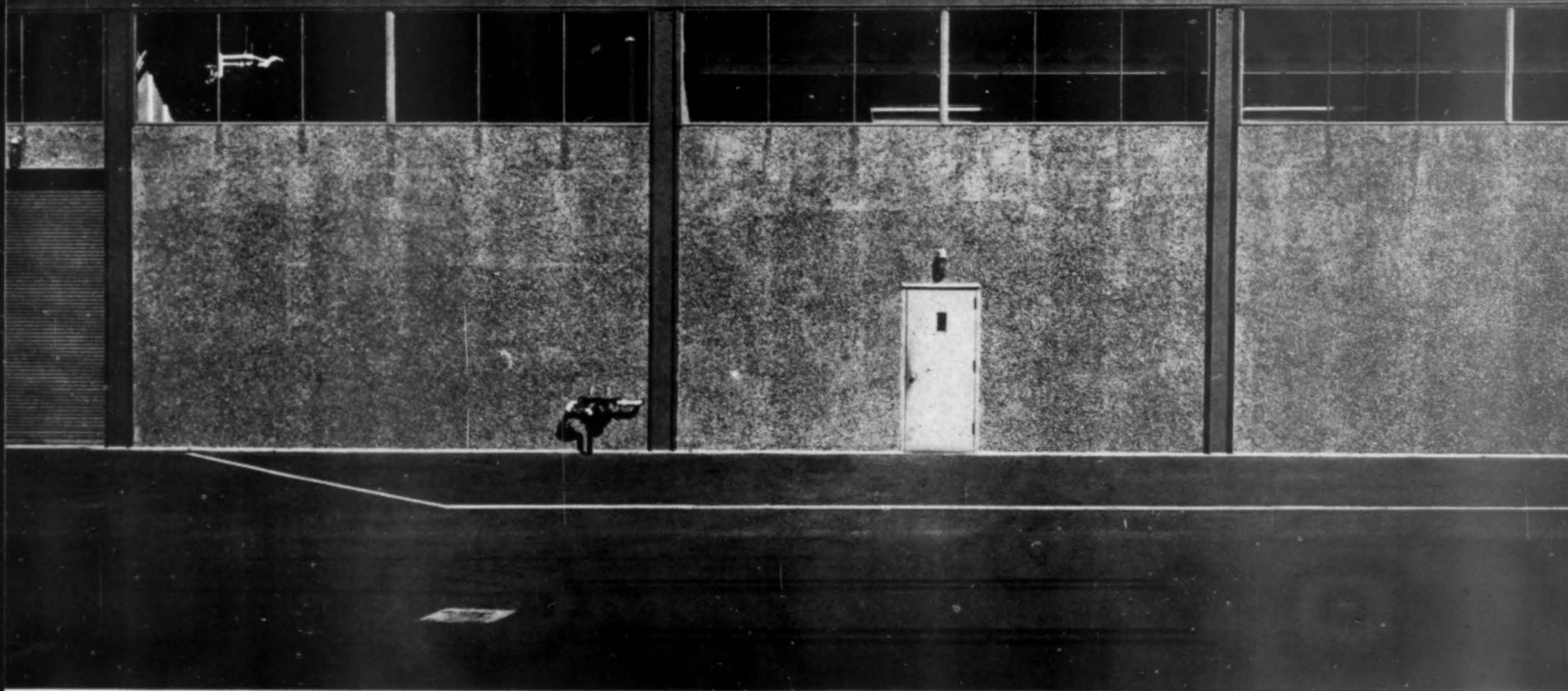
- the main manufacturing building (principally used for the manufacture of cutting and fastening products and systems)
- a special building housing equipment to heat treat metal parts
- a wing housing office functions related to the main building
- site for an unassigned function to be connected by a small office wing to the main plant at a future date

The 200 HP steam boiler is used mainly for process work. A 485-ton pump system is used for recovery of heat from the heat treat area. This waste heat totals in excess of 10,000 BTU per hour with all five heat treat furnaces operating. Normal operations on weekends calls for a minimum of three furnaces to be kept on the line, giving an adequate heat source for year-round heat pump operation. An economic analysis showed that the additional cost of the heat pump air conditioning system, over a conventional boiler fired heating system, would be amortized in less than ten years through fuel savings alone. As a bonus, the entire plant was fully air conditioned with resultant increased employee comfort and consequent labor savings in production. The process boiler can be used for heating in an emergency.

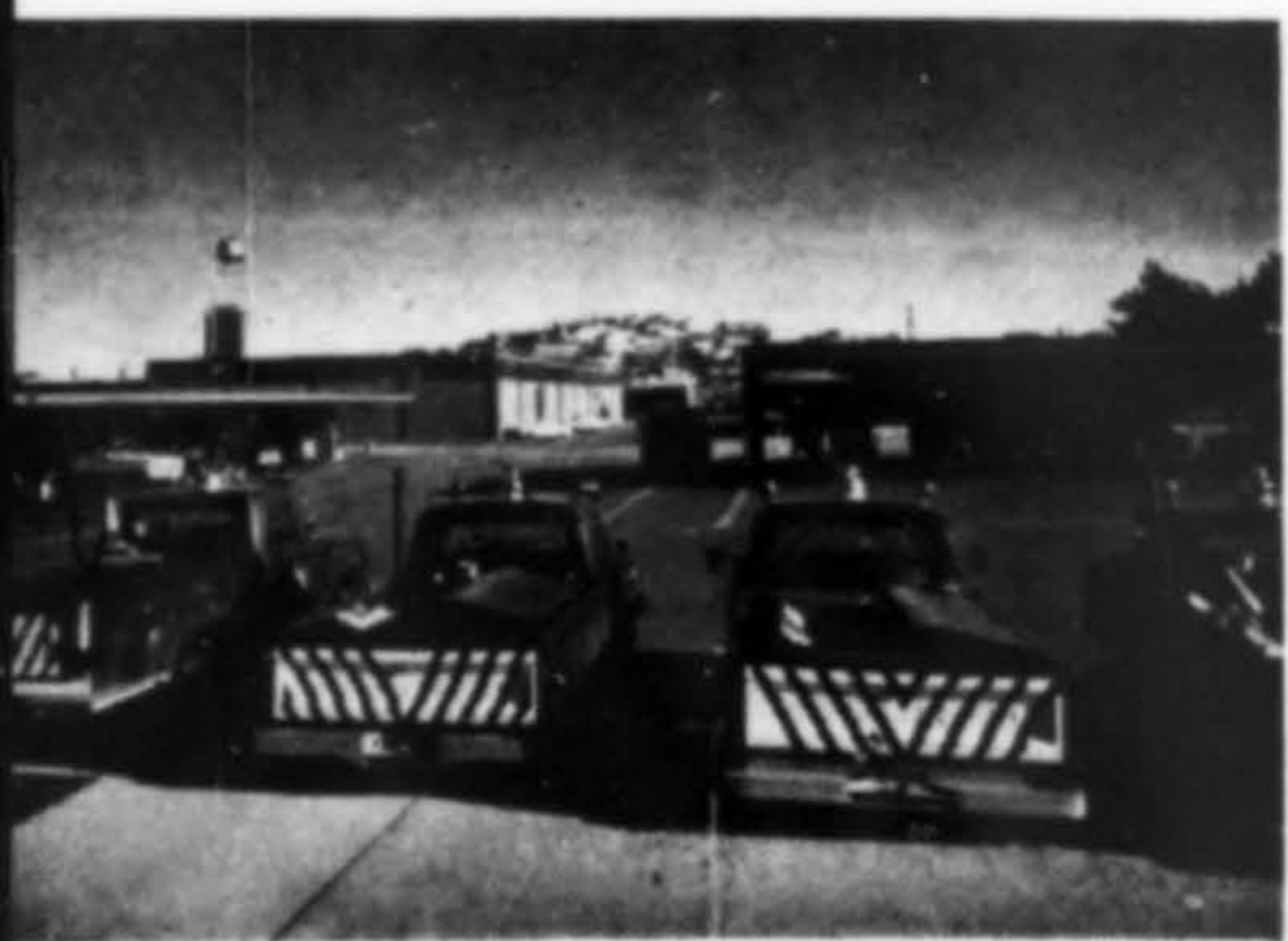


Edmund Y. Lee photos except as noted





Joshua Freiwald photos

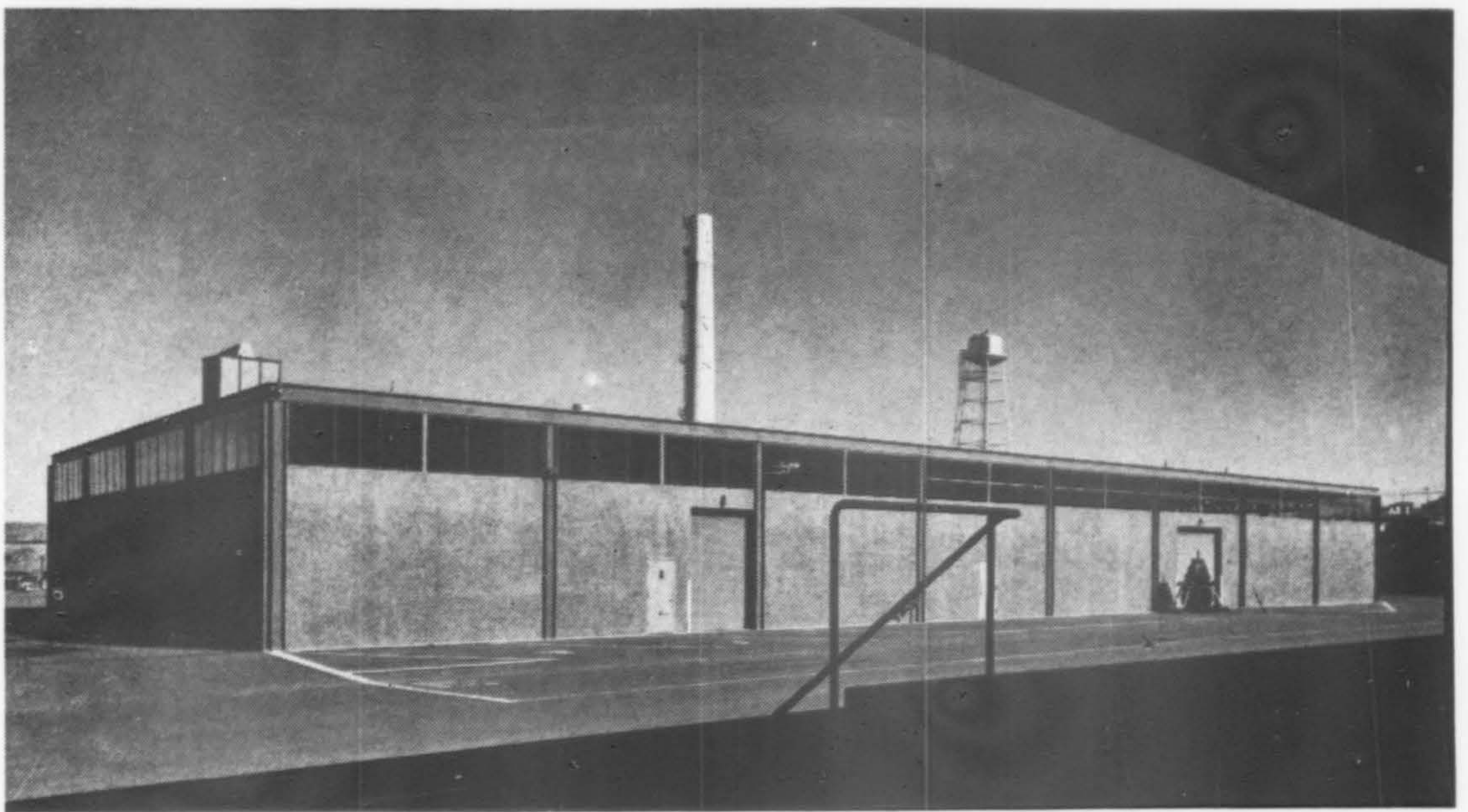
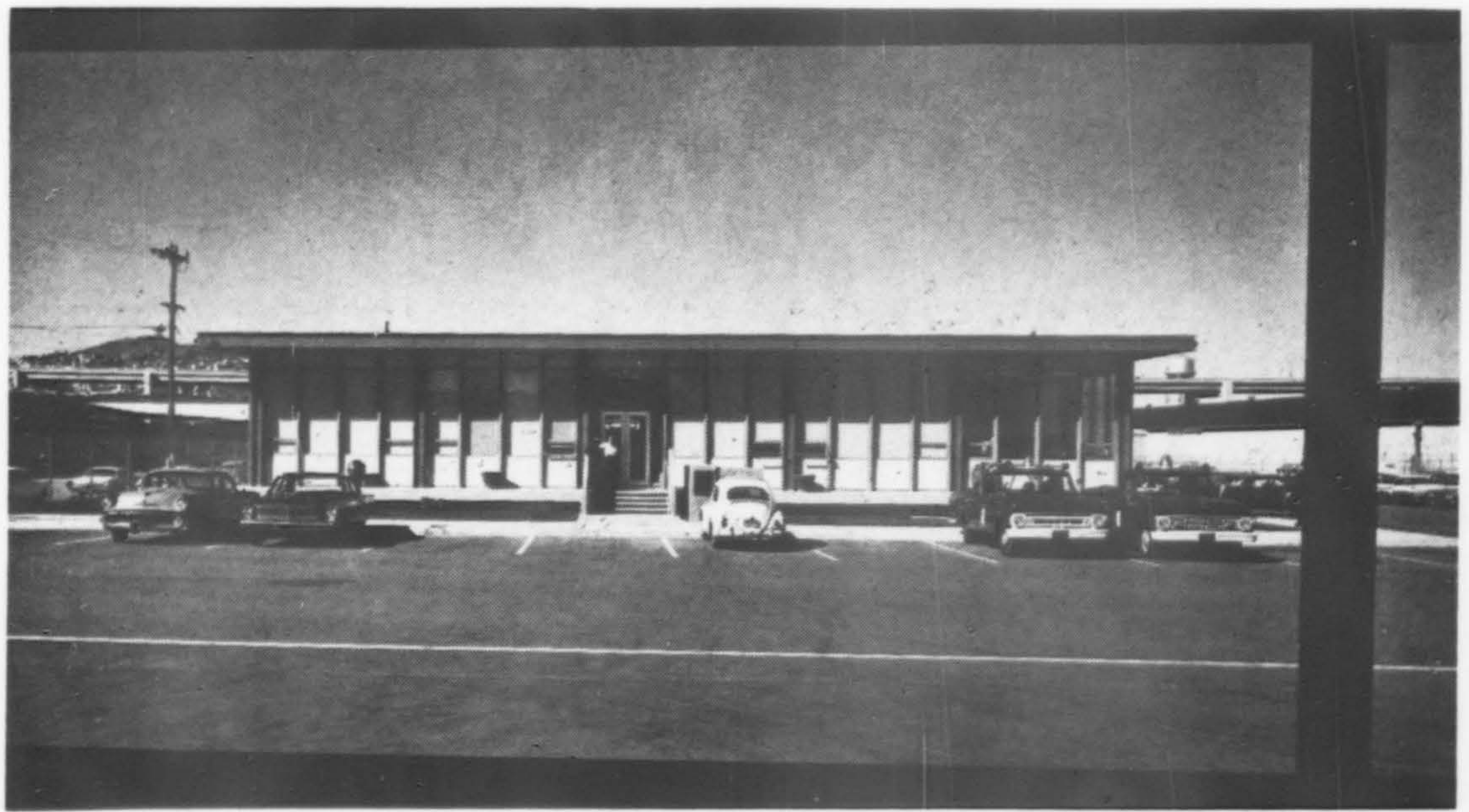


Corporation yard for a city

SAN FRANCISCO WATER DEPARTMENT
San Francisco, California

MILTON T. PFLUEGER & ASSOCIATES, Architect

CAHILL CONSTRUCTION COMPANY, General Contractor



PROJECT ELEMENTS:

- a. Administration Building (11,000 sq. ft.)
- b. Warehouse (17,370 sq. ft.)
- c. Shop Building (30,020 sq. ft.)
- d. Two Vehicle Storage Sheds

LOCATION:

Industrial area, south of Market Street

DESIGN OBJECTIVES:

Clean, straightforward design to achieve an appealing and efficient industrial complex.

CONSTRUCTION MATERIALS:

- a. Administration Building: exposed steel beams and columns with bay infill panels of enameled steel and glass.
- b. Warehouse & Shop Building: exposed aggregate concrete infill panels, steel frame
- c. Vehicle Storage Sheds: lightweight steel frame construction

COMPLETION: 1962

TOTAL COST: \$1,260,000

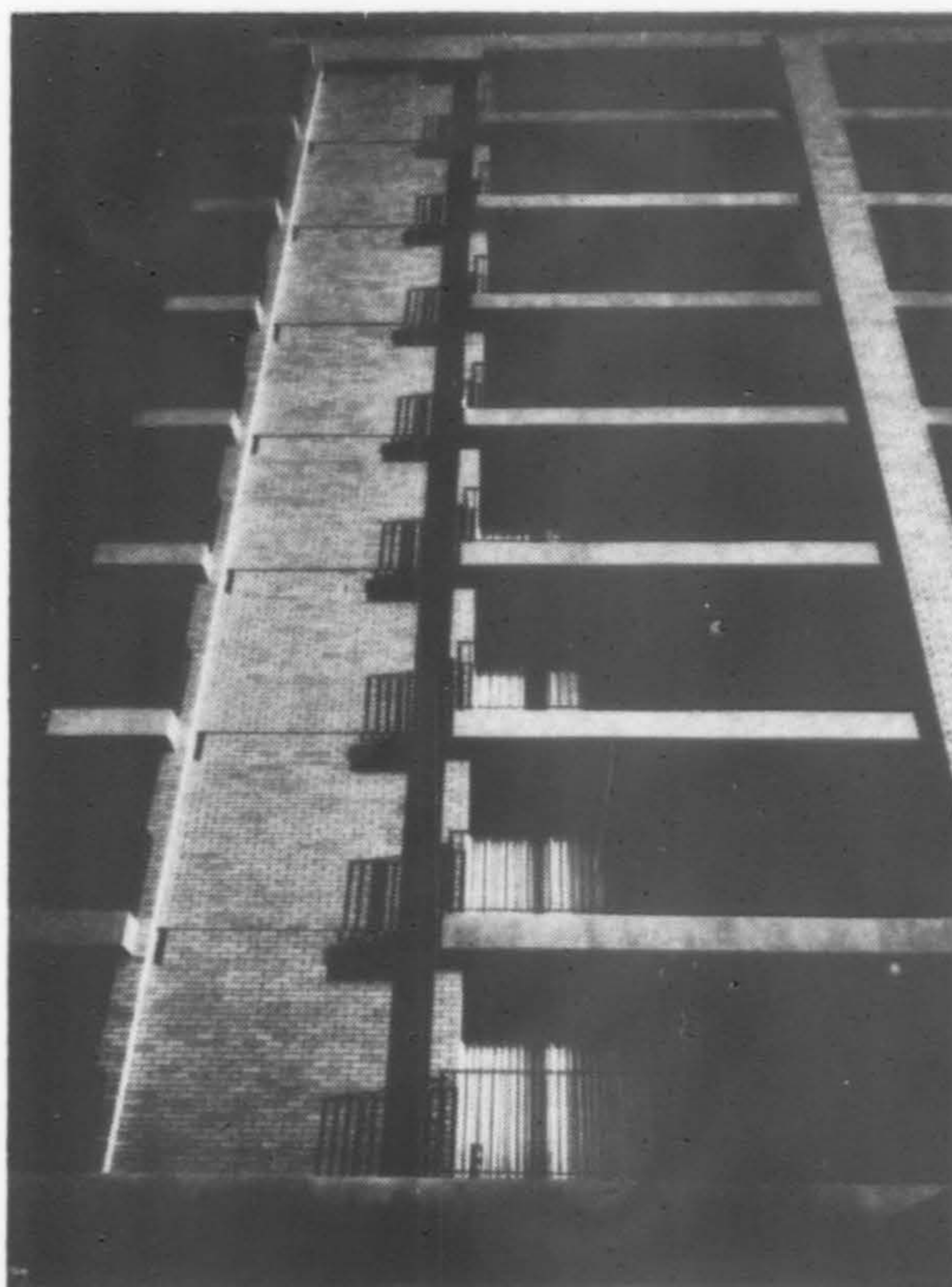
CONSULTING ENGINEERS: Earl & Wright

MECHANICAL & ELECTRICAL ENGINEERS: Bentley Engineers

LANDSCAPE ARCHITECT CONSULTANT: Douglas Baylis

The STANSBURY APARTMENTS in SALT LAKE CITY





THERE WERE many advantages in choosing a prestressed lift-slab construction process for the Stansbury Apartments: All eleven lift slabs were poured on the sub-basement floor, one on top of the other, virtually eliminating cold weather concrete work because slabs were poured during summer months; other trades were able to proceed unhampered by scaffolding; cost-savings accrued through reduced interest on the construction loan, and by allowing tenants to move in as floors were completed.

In the 14 levels are eight typical apartment levels, two parking levels, a penthouse and a roof-top sun deck.

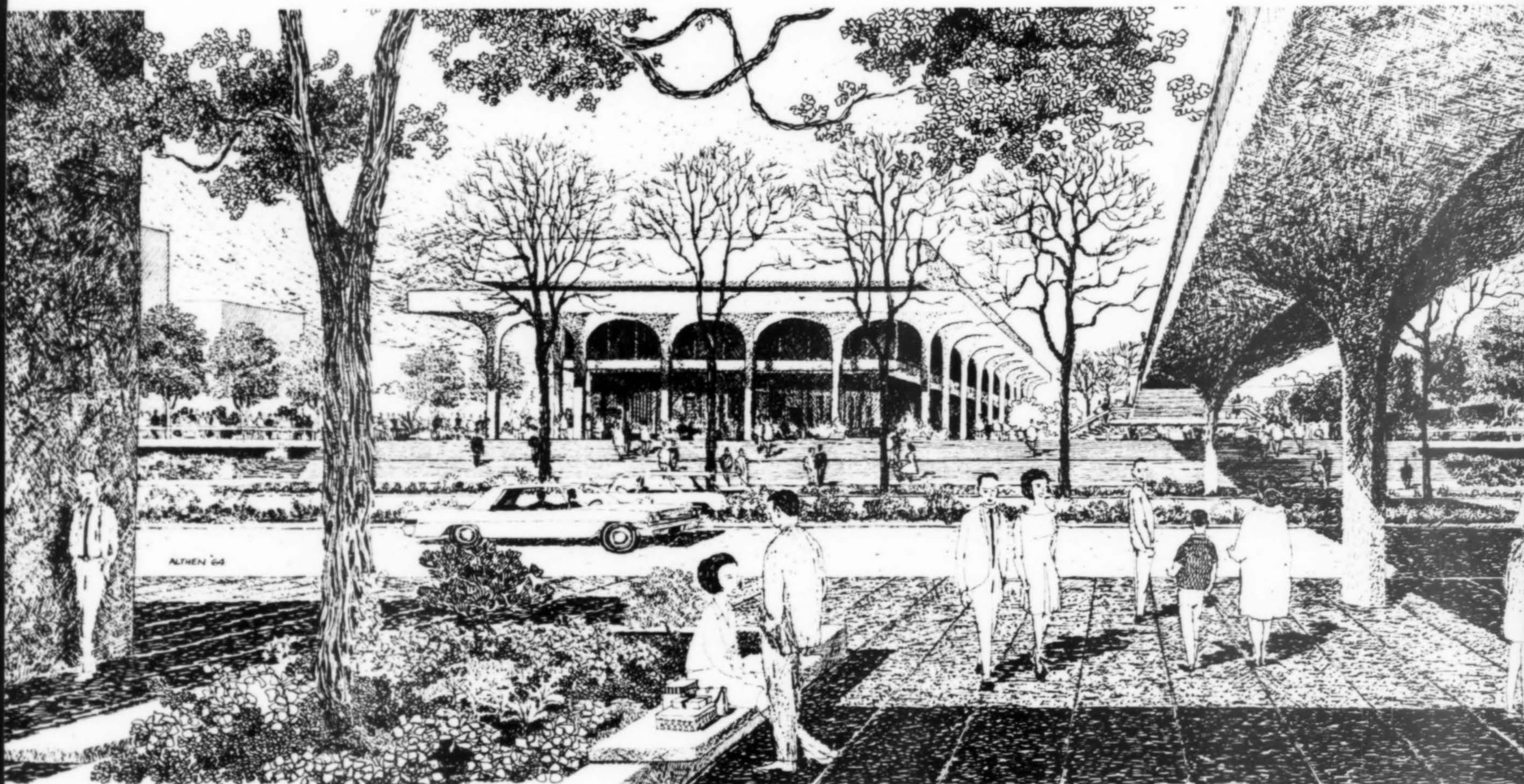
Exterior walls are brick with architectural concrete facing at the balcony edges. Each apartment has its own private balcony. Corner windows are floor-to-ceiling.

Cost was approximately \$1,350,000. Consultants were Joseph F. Patrick, structural, and Mark Bryner Associates, mechanical-electrical; Western Concrete Structures, Inc., lift-slab construction.



Urban design:

San Bernardino's Central City project



SAN BERNARDINO'S Central City urban development project covers approximately 94 acres downtown. Heart of the project is Inland Center, a two-level enclosed pedestrian mall on 3rd Street between E and G streets. Federal funds in the amount of \$16.25 million have been approved by the Department of Housing and Urban Development for Central City. It marks the first time in history that federal monies have been granted for a covered mall.

Inland Center affords a complete range of shopping facilities, as well as cultural and community services, all contained in one unified building complex under a common roof. Its principal feature is the system of centrally located, air-conditioned pedestrian courts and arcades located in the center of the building and toward which all stores are oriented.

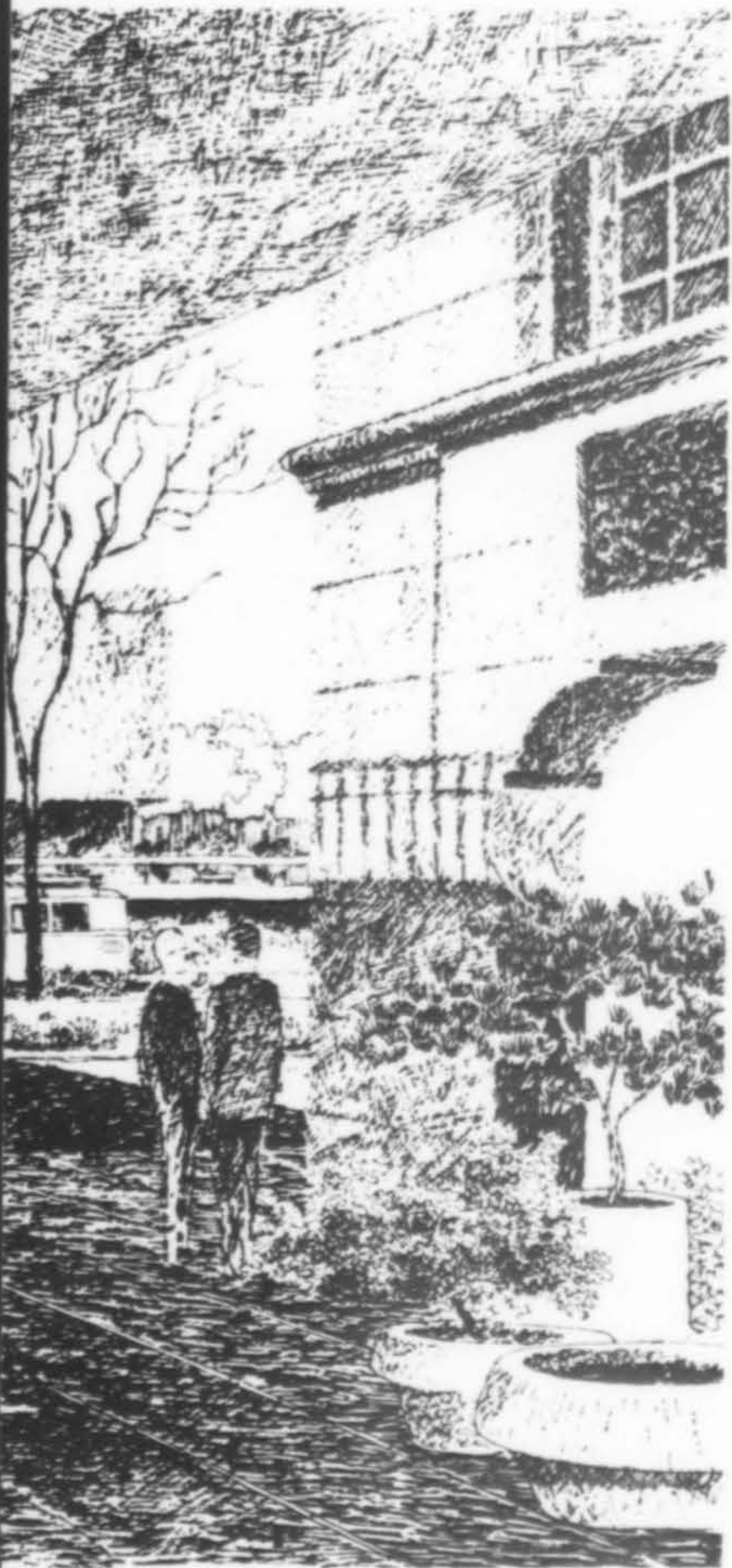
The principal garden court is the skylighted north-south mall, paved in colored concrete, and extending the full length of the shopping center, linking the north and south courts, featured areas near two of the larger department stores. The east-west mall is a transverse garden court featuring a high barrel vault design with intermittent skylighting. A third enclosed public area, the lower mall, serves the lower level.

Pedestrian spaces are richly landscaped, with ample street furniture, two aviaries and seven fountains. Trees and shrubs have been planted throughout the parking lots (to accommodate 4,700 cars) and at the perimeter of the center.

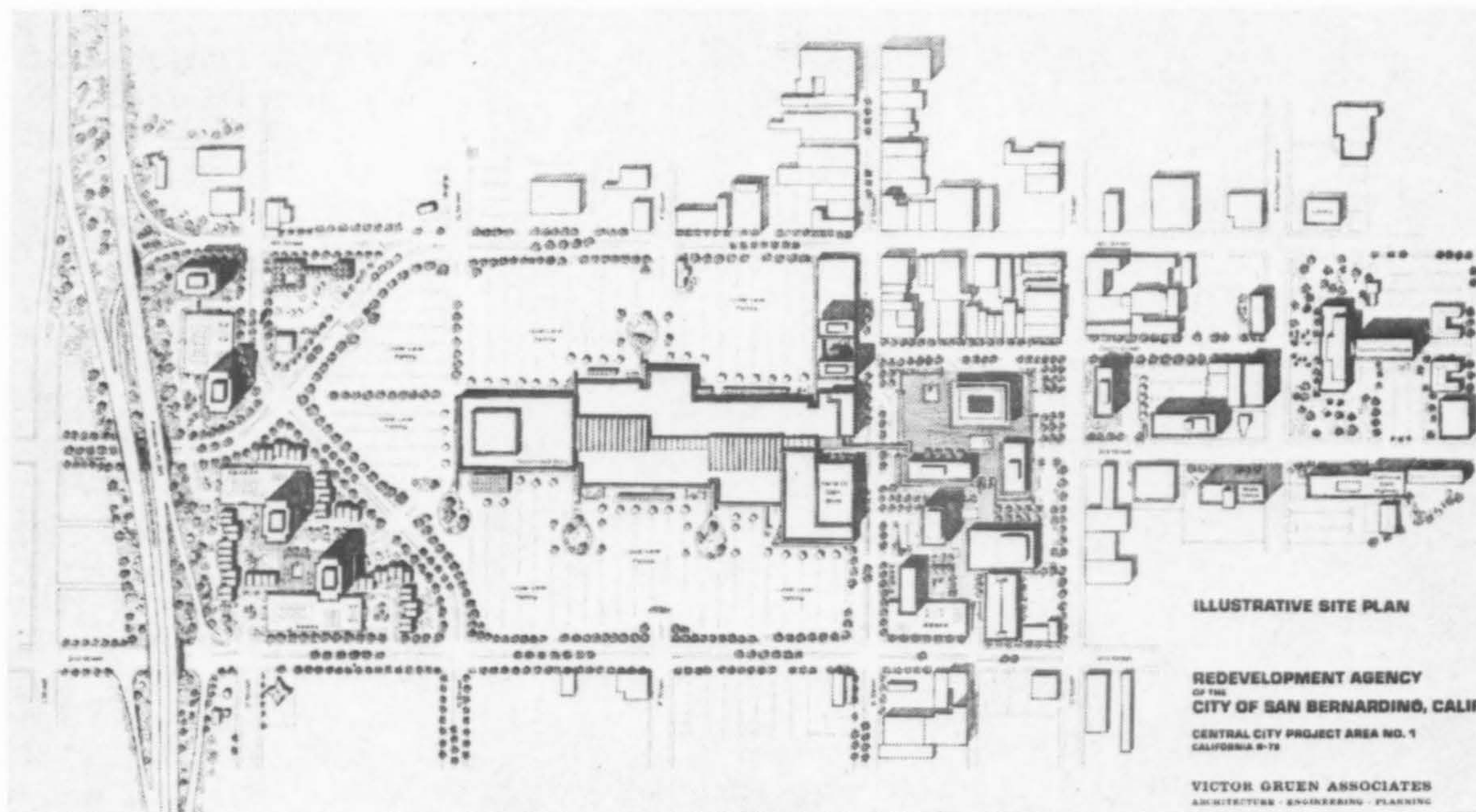
CENTRAL CITY PROJECT, AREA NO. 1

Redevelopment Agency of
San Bernardino, California

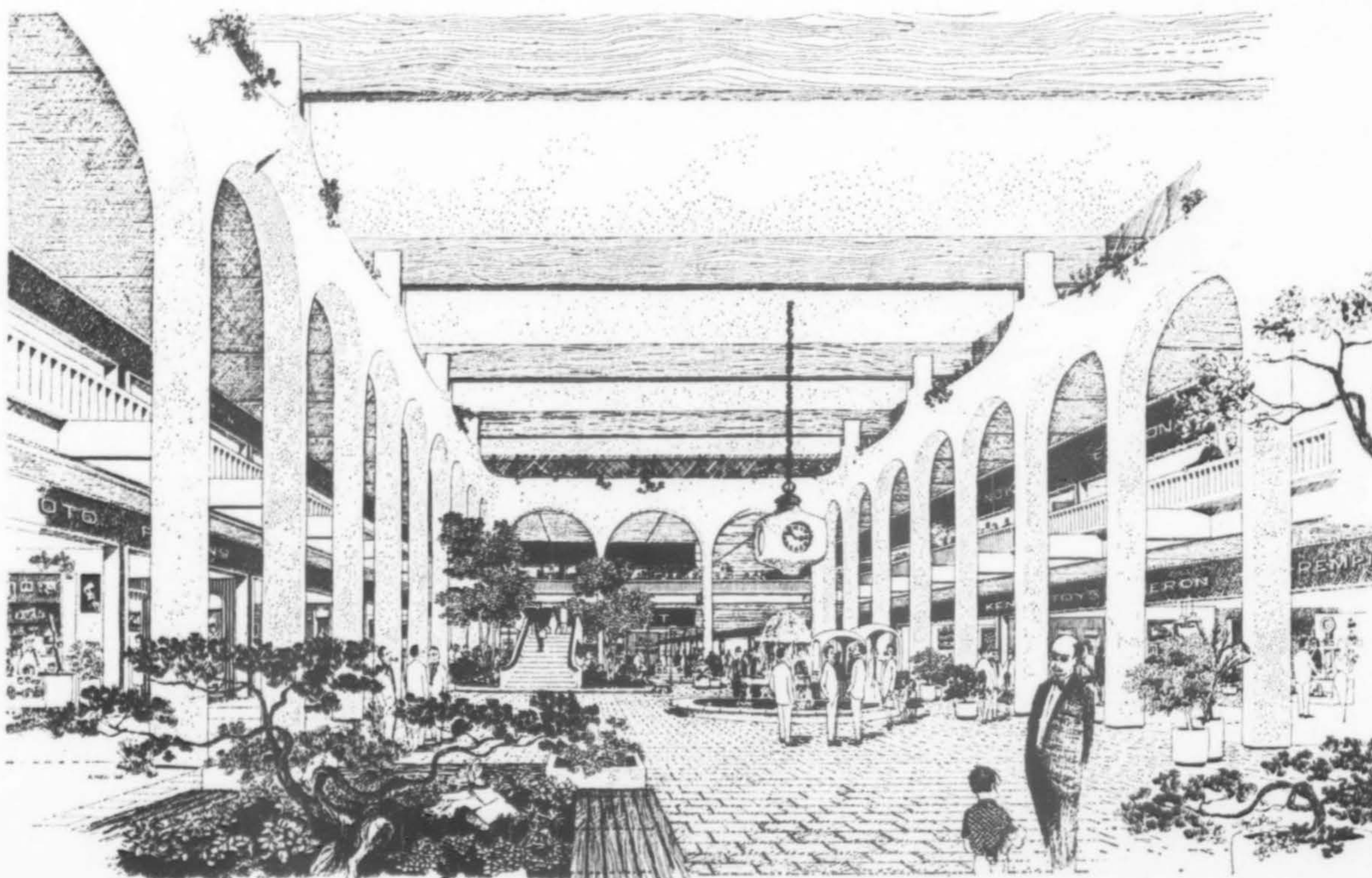
VICTOR GRUEN ASSOCIATES
Architects-Engineers

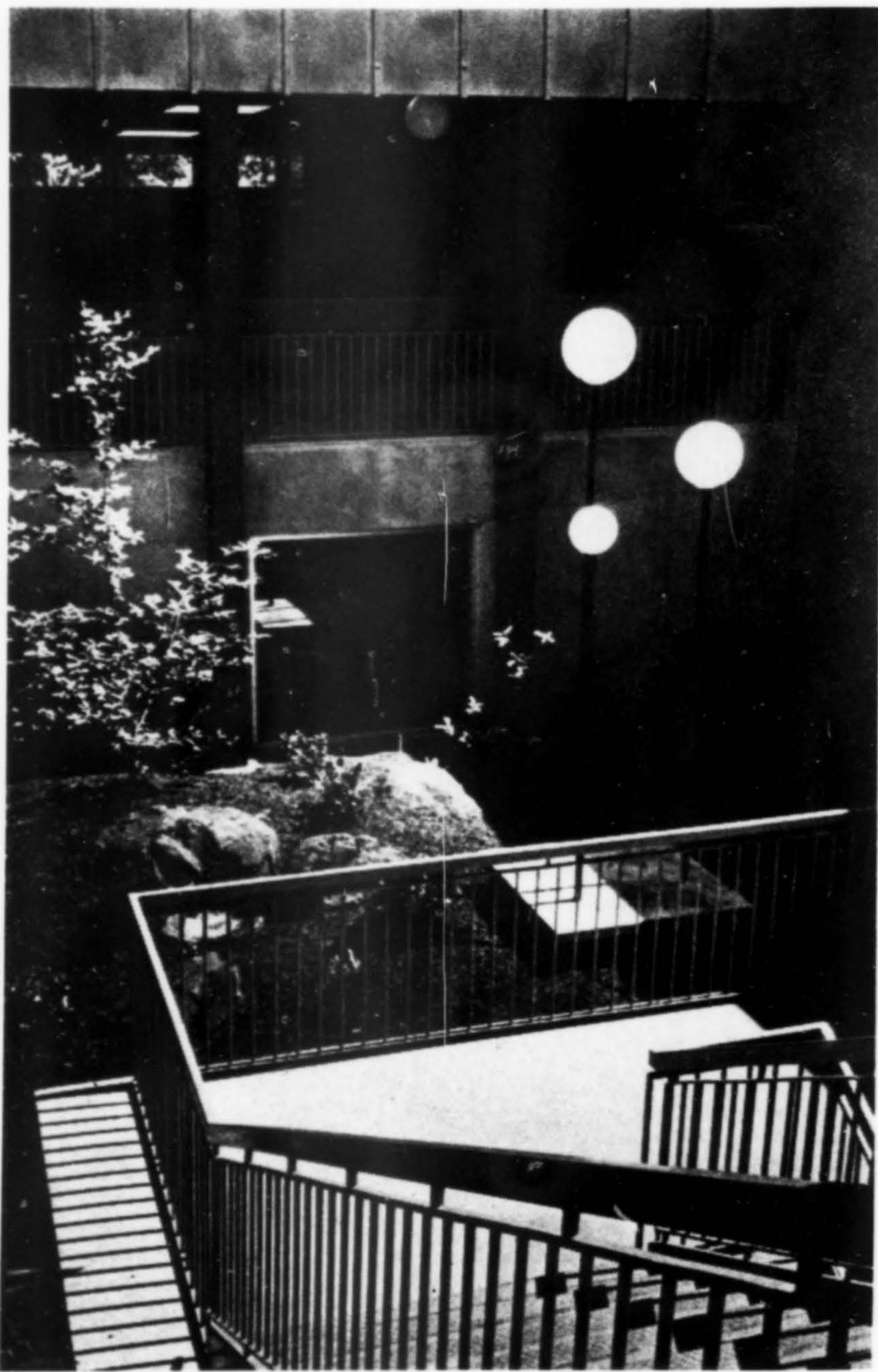


◀ View of City Hall looking across "E" Street from the retail center.



▲ The site is 63 acres in size, and is bordered by "E" Street on the east, Colton Avenue on the northwest and by the San Bernardino freeway on the southwest. It is located on the southerly border of the city of San Bernardino, California. A flood control channel runs parallel to "E" Street, on the side adjacent to the development. It is bridged in two places to allow ready access to the parking areas on the east side of the building complex. Four other access roadways lead from the Colton Avenue frontage.





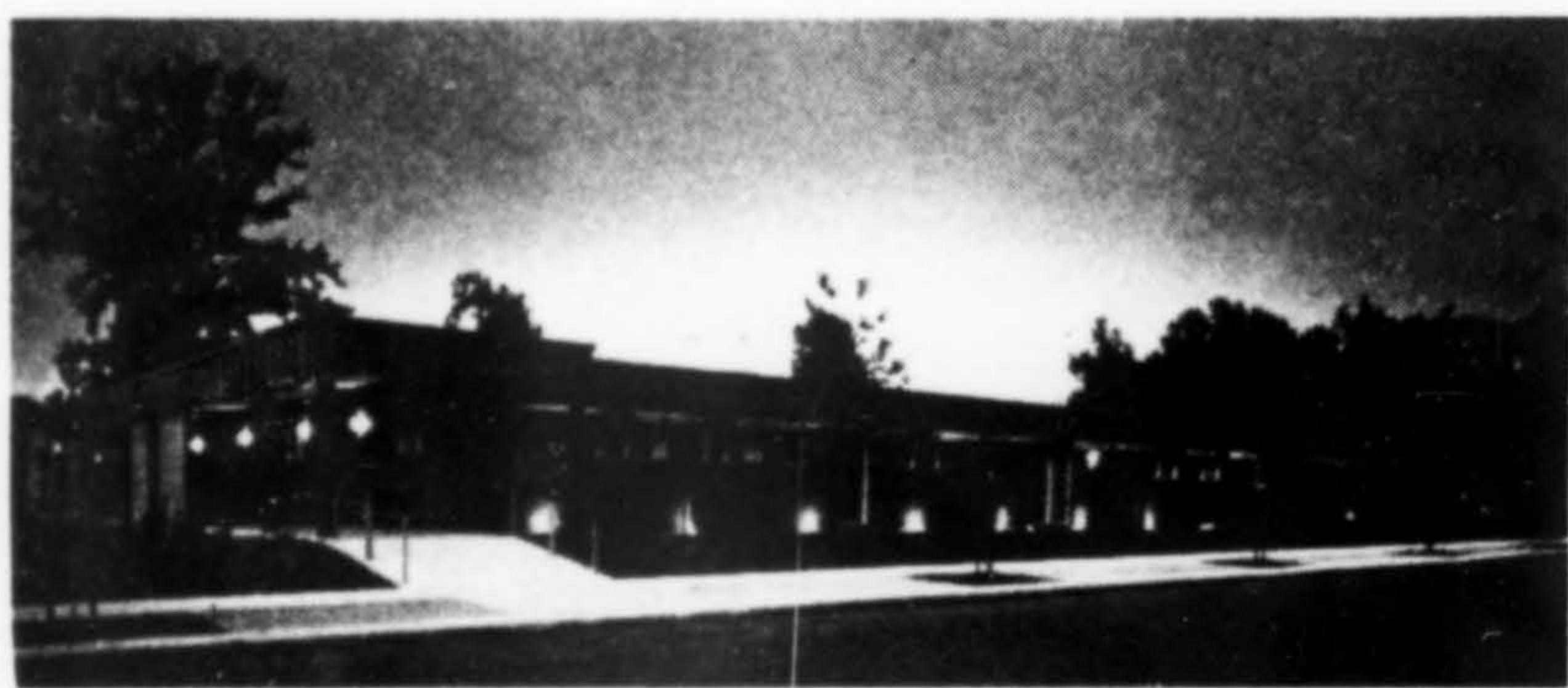
Products in Action: Fire-Trol Columns

OAK STREET MEDICAL CENTER
Salem, Oregon

GROOM, BLANCHARD, LAMEN & MacCOLLIN
Architects

STANLEY V. CARLSON
Structural Engineer

BATTERMAN CONSTRUCTION, INC.
General Contractor



SITE TOPOGRAPHY for this complex of medical offices facilitated lower level patient parking. Circulation patterns resulting from patients arriving from street level and parking level led to design of a central mall area common to all offices. An elevator and a stair lead from the lower level to the mall, where all offices entries are oriented.

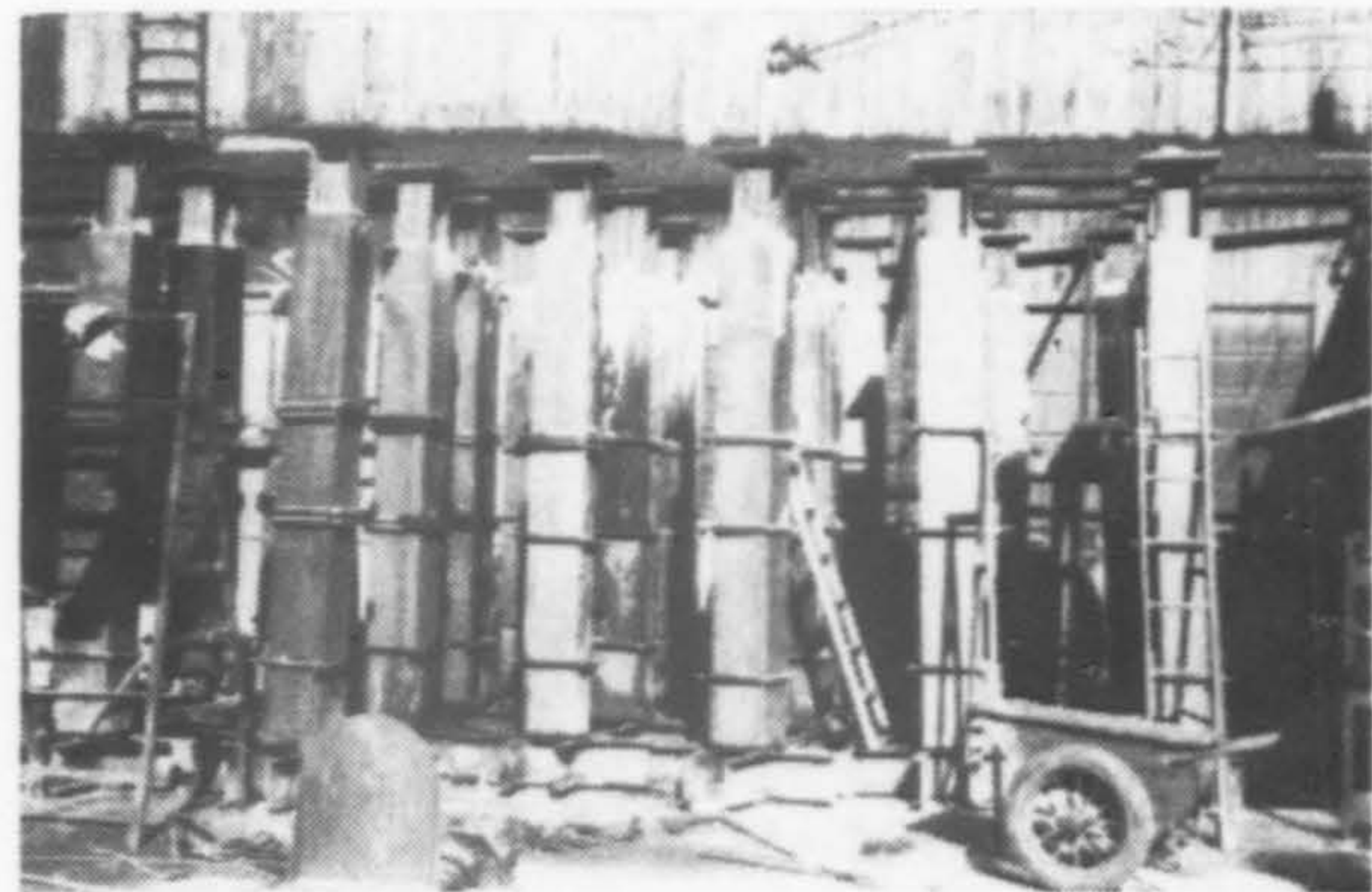
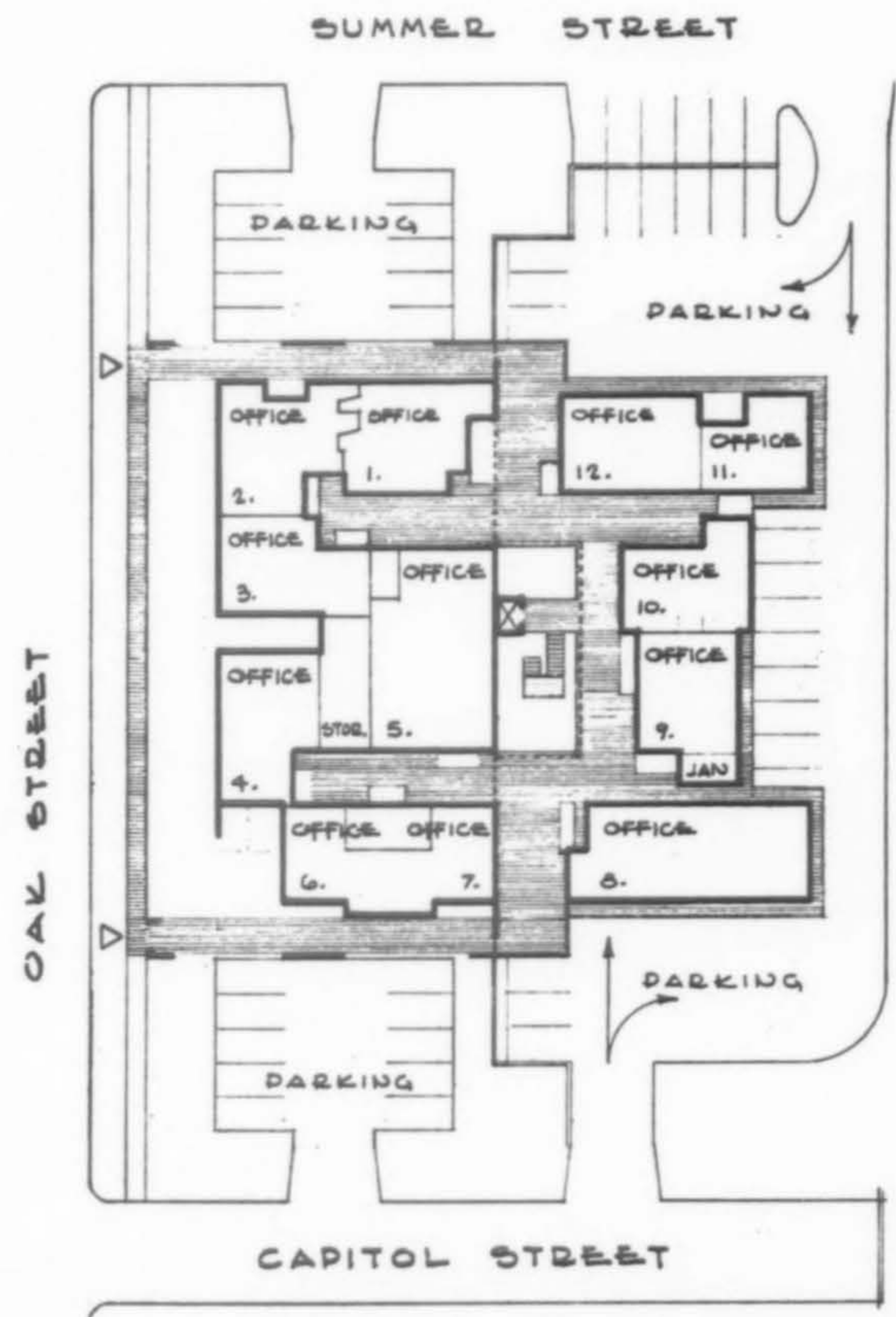
The structural concept was simplified by creating a working plane slightly raised above street level. This plane is of a two-way concrete waffle slab supported on Fire-Trol columns in the parking area, permitting a maximum amount of flexibility. A three-foot building module, corresponding to the waffle pans, was used to meet the needs of limited design control dictated by plumbing and heating requirements.

Fire-Trol columns were selected because (1) they offered an opportunity to shorten construction time and (2) they permitted chasing required plumbing and were still strong enough to withstand the abuse of the parking area.

Northwest Column Company prefabricated the 22 columns in Seattle. Specifications for this project called for type SH four-hour UL label for the finished product. All columns are of load-bearing steel, wrapped in insulating material with a steel outer shell.

Above the concrete slab, the offices are conventional wood frame construction. Each office is contained as a unit, both for sound control and fire separation. Interior decor was worked out with each tenant.

Consultants were Cornell, Howland, Hayes & Merrifield, mechanical and electrical; Floyd W. Witteman, landscape.





ARCHITECTURE IS FROZEN MUSIC

. . . . de Stael, 1766-1817

Apt analogy . . .

The symmetry, rhythm and harmony of a musical structure which evoke esthetic response are often echoed visually in a well executed building design.

The creative architect's design is in harmony with its surroundings, in rhythm with its time, but still an entity of artistic function in itself.

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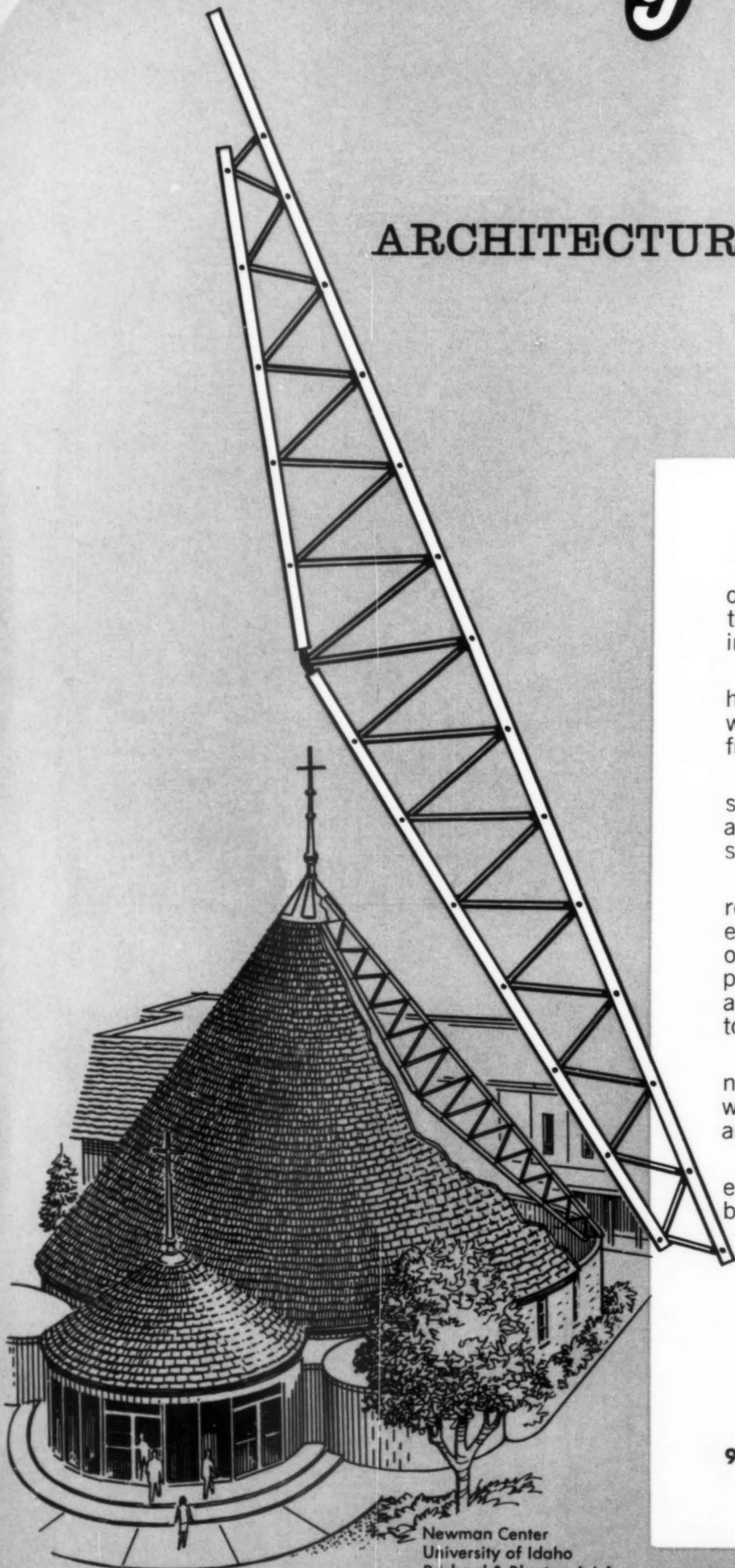
Economical, too, in spans to 100 feet; not only in original cost but in lighter weight, nailable wood chords, open webs and significant labor savings.

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University of Idaho
Prichard & Blanton A.I.A.
Architects

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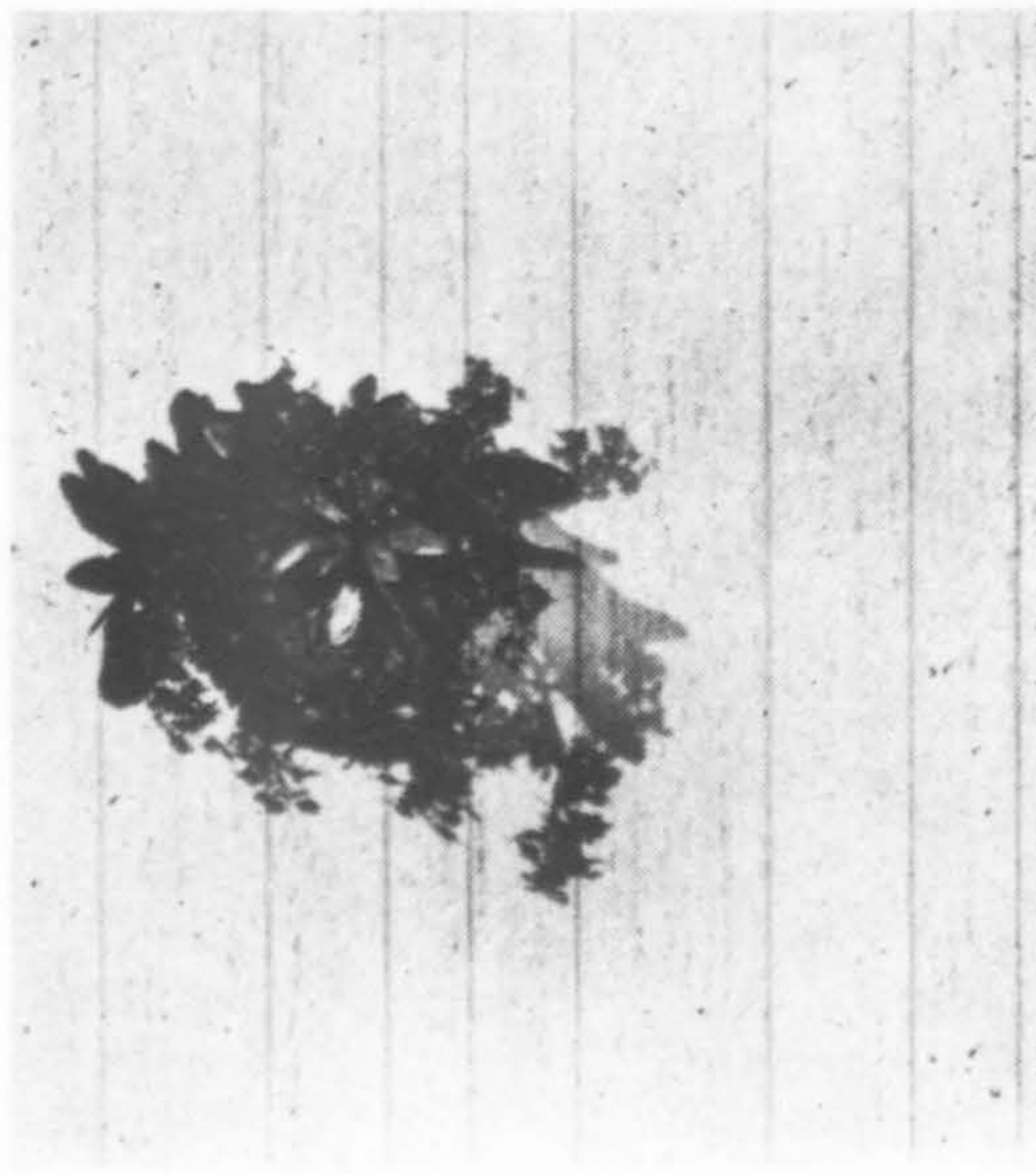
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• NEW PRODUCTS •



Striated Driftone wall panels

Striated Driftone is a new decorator panel combining a textured surface with warm gray color tones. Just introduced by Masonite, the panel has been sanded to a "striated" appearance, and is factory finished in a light gray color. The 1/4" wide grooves and fissures are finished in a darker gray creating a two-tone effect. The 4x8-ft. panels can be damp-wiped clean for easy maintenance.—Masonite Corp. (A/W), 29 North Wacker Drive, Chicago, Ill. 60606.

Symbo•Stamp for drafting ease

"Symbo•Stamp" is a transparent drafting instrument for printing repetitive illustrations, title and symbols into a schematic drawing. Not a template, stick-on or transfer, it is composed of two transparent plastic materials held together by a transparent bonding agent. The stamp is inked by tapping the printing surface on a pad which is a ribbon saturated with a specially formulated quick-drying ink. Since the image is completely visible at all times, it is easy to position and apply with greater accuracy. The firm will produce any custom symbol or illustration up to 36 sq. in. regardless of complexity.—The Symbo Company (A/W), 2803-2 Harriety Ave. S., Minneapolis, Minn. 55408.

all-weather insulation fire-rated

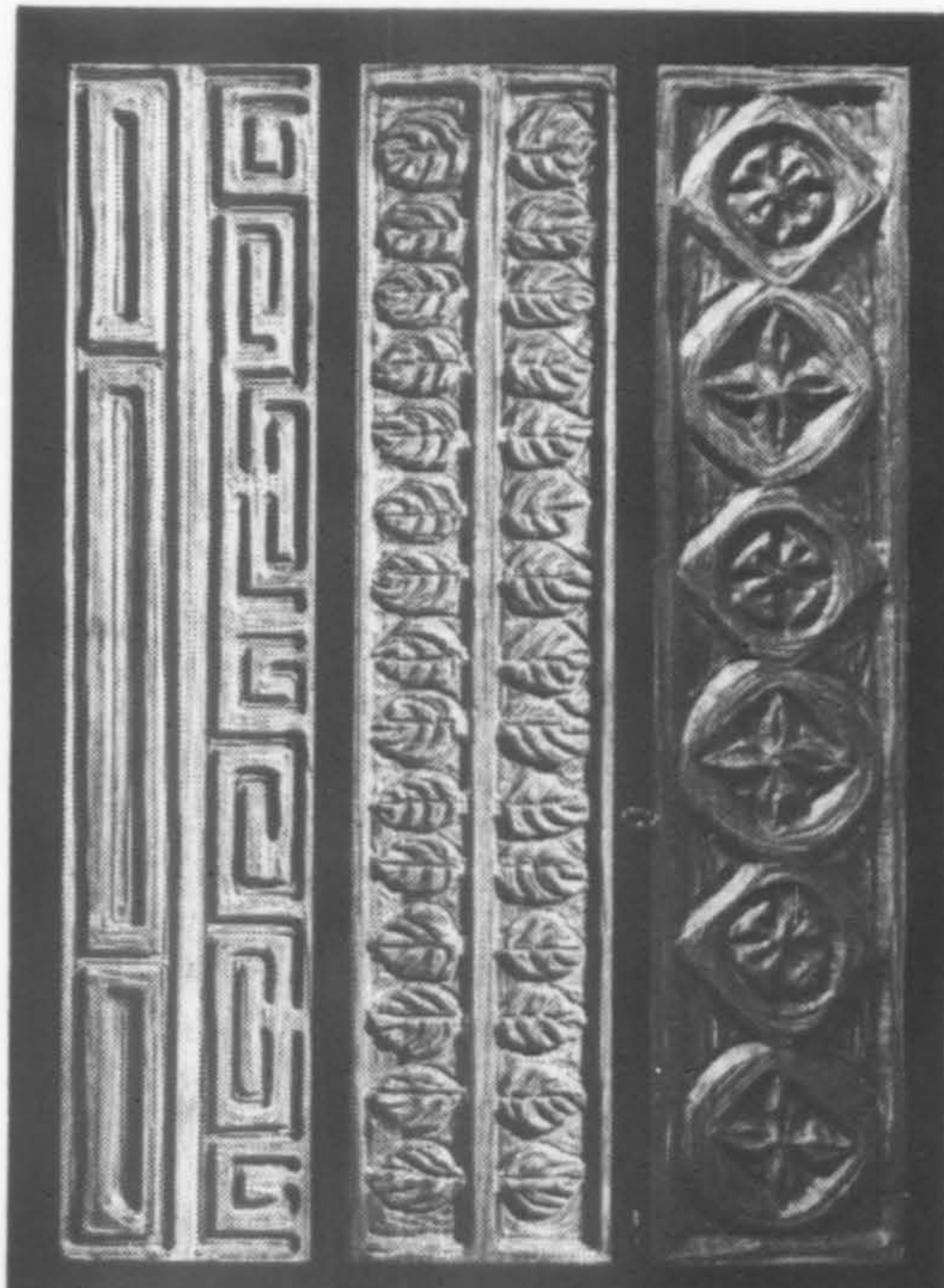
All-weather Crete Insulation has been tested in conjunction with pre-tensioned concrete units and has received a two hour fire rated roof and ceiling classification. This waterless fill-type insulation is applied hot and dry, sets instantly and can be applied even in freezing weather. It is ready for roofing and normal traffic immediately after installation. It can be sloped to provide drainage, compacted to cover deck projections, pre-cast camber and irregularities to provide a smooth surface.—Silbrico Corp. (A/W), 6300 River Road, Hodgkins, Ill. 60527.

Acousta/Glaze windows

Acousta/Glaze factory double-glazed, hermetically-sealed windows offer high performance sound control where sound transmission is critical, as in auditoriums, recording studios, motels, airports or offices. The manufacturer claims that sound control ranging from STC 40 to STC 60 is provided by the window or window wall systems, by varying glass thickness and airspace. The product can be furnished with non-parallel glass panes to eliminate distortion and double reflection. A peripheral self-adjusting sound seal and zipper-gasketing is said to provide maximum vibration, isolation and lowest thermal conductivity.—Sitelines, Inc. (A/W), 1957 Long Beach Ave., Los Angeles, Calif. 90011.

Tedlar-bonded wall covering

Flexar, a vinyl wall covering said to have the stain resistance of ceramic tile, employs a permanent bond of Tedlar to the vinyl surface, forming a protective layer. With this shielding, even the most stubborn stains can be quickly wiped away. Samples and patterns and styles are available.—J. Josephson, Inc., 47-09 36th St., Long Island City, New York.



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low-odor Pitt-Glaze

A low-odor Pitt-Glaze, replacing the former material, has been announced by PPG Industries. The new product has been field-tested and has proved to maintain all of its former qualities: resistance to stain, abrasion, chemicals, moisture permeance and to retain gloss and color. It is said to cut maintenance costs up to 50%, resist pencil marks, industrial fumes and corrosive agents. It can be cleaned with ordinary cleaning materials or steam cleaned. Applied with brush, spray or roller, it will cover irregular surfaces, plaster, metal, concrete, cement, cinderblock, dry wall materials and asbestos shingles. In 40 colors, it comes in pigmented gloss, semi-gloss and semi-flat finishes and in Hi-Glaze and Lo-Glaze clears.—PPG Industries (Pittsburgh Plate Glass Co.) (A/W), One Gateway Center, Pittsburgh, Pa 15222.

"back-to-back" wardrobe wall

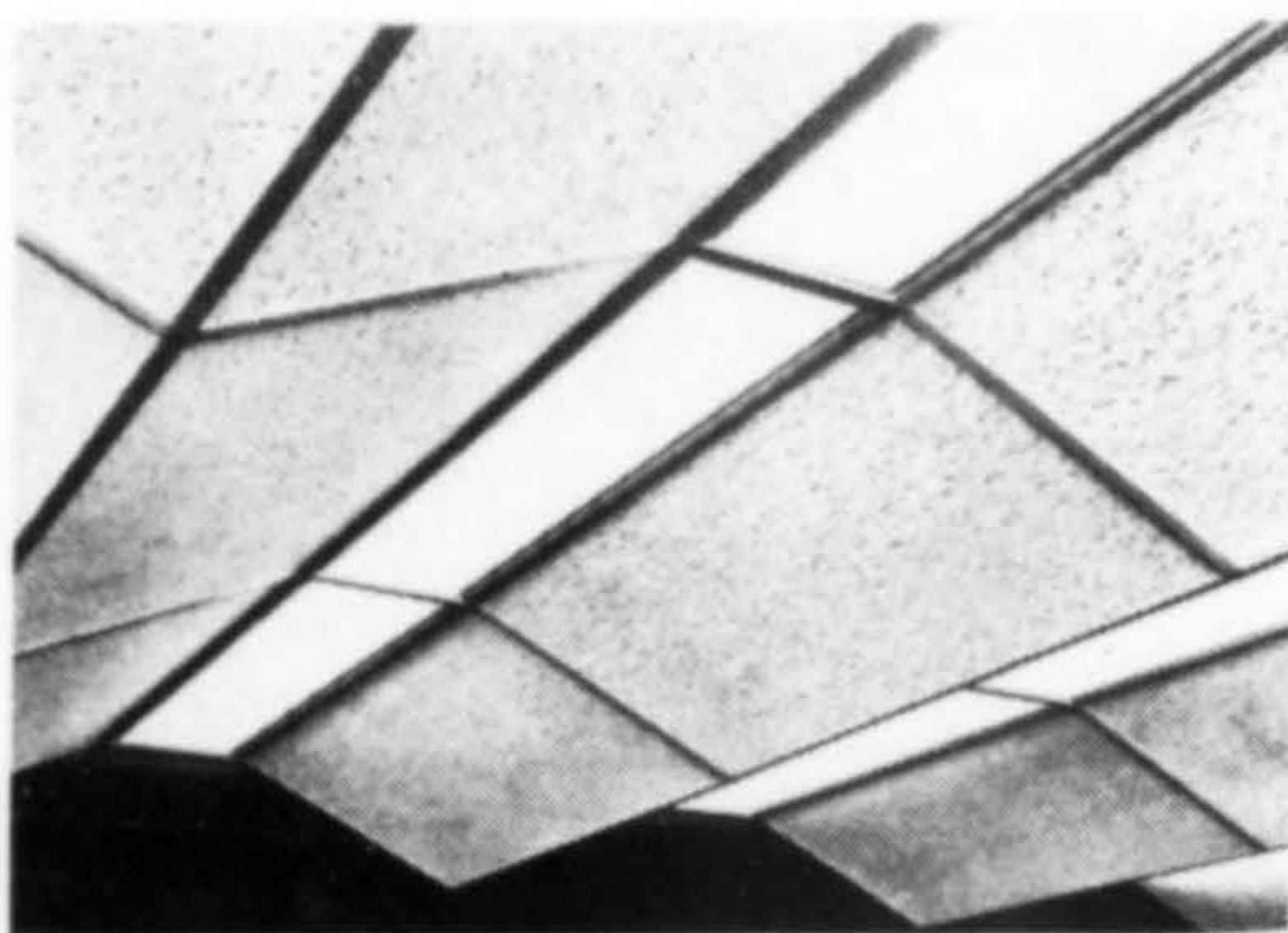
A "back-to-back" wardrobe wall has been developed for use in dormitories, hospitals, nursing homes and other buildings where space is limited. The units form a non-load-bearing partition separating two rooms and providing a common access to plumbing and electrical leads. The wardrobe wall contains two 48-inch sliding door closets, each with built-in shelving and a three-drawer dresser; two 12-inch coat closets with shelves; a 22-inch vanity with single bowl lavatory, a 20 x 48-inch mirror and appropriate lighting.—Corco, Inc. (A/W), 2956 W. Peterson Ave., Chicago, Ill. 60645.

air curtain fans

Several types and sizes of Air Curtain Fans are now available to suit commercial, departmental and food store applications. Completely packaged Thermal Air Barriers replace outside doors and prevent winter drafts from entering buildings and truck loading areas. Propeller and centrifugal fan types have been specifically designed for insect control, refrigeration doors and many other types of installations.—ILG Industries, Inc. (A/W), 2810 North Pulaski Road, Chicago, Ill. 60641.

convertible drafting table

The TEC Convertible Drafting Table features a 40 x 80 inch non-warping birch veneer top that is reversible, allowing the operator to utilize storage space in the unit immediately behind him; a 60 W x 37 D x 46 H-inch frame with 110V double electric outlet; a sliding step stand and a 32 x 55-inch shelf. Standard finishes are gray, green and sage with other finishes available. Options include right or left interchangeable full suspension letter size file and box drawer, bookcase unit, plan file drawer, tool drawer, shelves for rolled drawings and a choice of wood, steel or linoleum covered tops.—Corry Jamestown Corp. (A/W), Corry, Pa. 16407.



vaulted ceiling system

A vaulted ceiling system, a modification of the standard suspended ceiling, has been introduced by the Conwed Products division of Wood Conversion Company. The vaults are formed by special triangular shaped cross tees. All other components are common to the standard system. Special effects are possible with this system. Vaults can be made to any desired width, may run lengthwise or crosswise of a room, can be overall or used in bays. Both surface mounted fixtures and recessed troffers are accepted by the system.—Wood Conversion Co. (A/W), 332 Minnesota St., St. Paul, Minn. 55101.

vertical audio cabinets

A new space saving design for housing all types of audio equipment and record storage has been designed, encompassing the vertical format. "The Tower" is available in two models with a choice of teak or walnut finish. The frames are finished in either etched black or polished brass. Standard equipment includes a pull-out tray for phono or tape recorder, adjustable shelf and record dividers. Additional adjacent units may be combined to create a full size wall treatment for all storage needs. The cabinet was designed by Jerry Joseph.—Toujay Designs, Inc. (A/W), 146 E. 53rd St., New York, N.Y. 10022.



business office clocks

A group of new office wall clocks are designed to coordinate with the styling of the majority of business offices. A variety of dial faces and colors are offered in the easy-to-read clocks. A remote reset control feature, providing for simultaneous resetting from one central location for up to 100 clocks, is available. All of the models are offered with electric as well as battery-operated seven-jewel movements. Shatterproof Plexiglas protects the dial.—Howard Miller Clock Co. (A/W), Zeeland, Michigan.



foot-controlled lavatory wash center

A pre-assembled stainless steel wash center featuring a foot-controlled lavatory has recently been introduced. The "Bradpack" comes complete with pedestal, bowl, integral foot control, storage cabinet, light, electrical outlet and switch, towel and cup dispensers, and all plumbing fittings, including a water temperature selector. A variety of accessories for specialized applications is available. The units are 20" wide, can be surface-mounted or recessed in any 4" wall. A second model, with the foot-controlled lavatory section only, is also available.—Bradley Washfountain Co. (A/W), 9193 Fountain Drive, Menomonee Falls, Wis. 53055.

r/c floor electrification

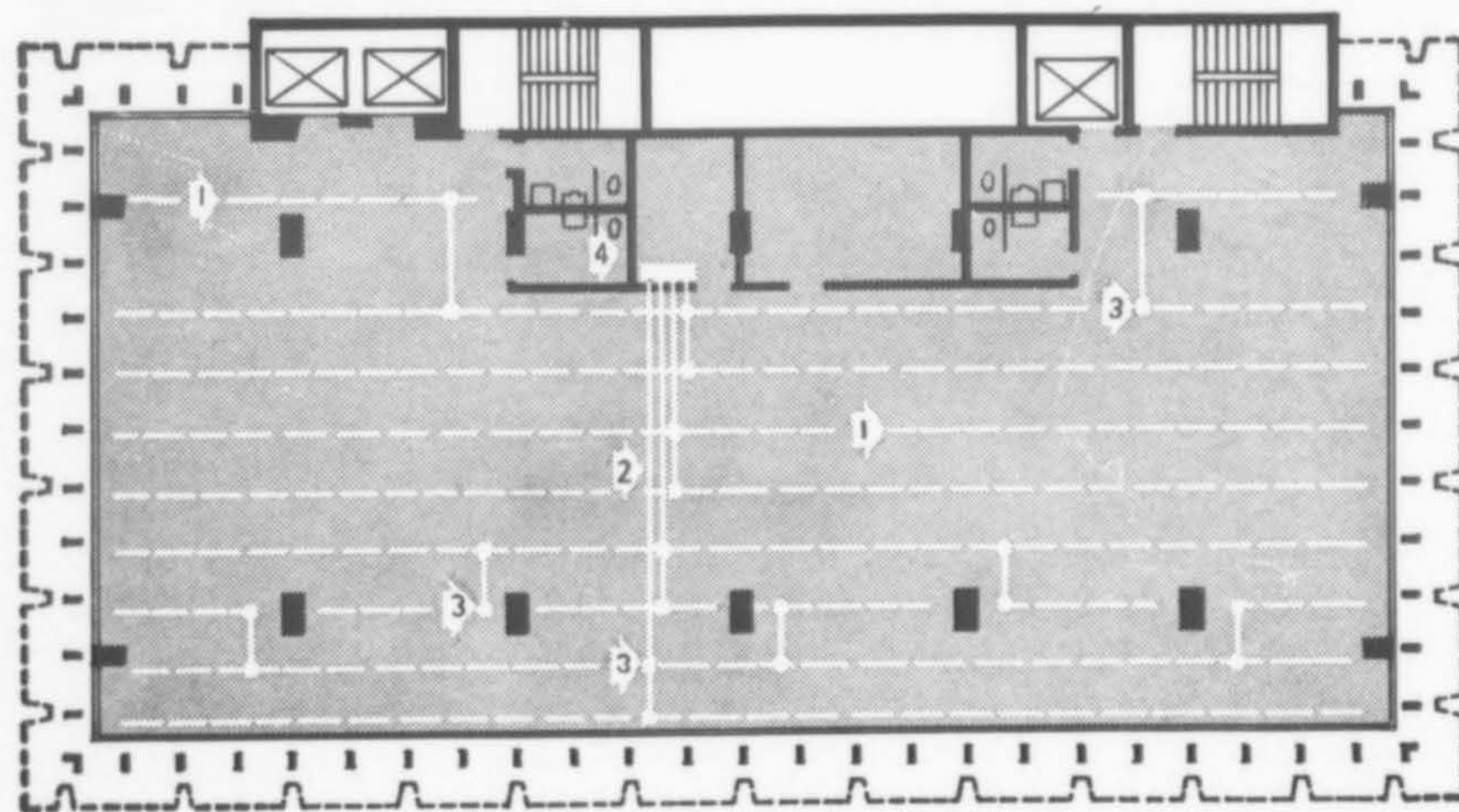
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Prepared as a service to architects by Portland Cement Association

Clip along dotted line



Anchor Savings and Loan Building, Madison, Wisconsin. Architects & Engineers: John J. Flad & Associates, Madison.



LEGEND

- 1 = Distribution Ducts
- 2 = Pyramidal Feeders
- 3 = Junction Boxes
- 4 = Electrical Panel

NOTE:

Space ducts and floor inserts to match desk module. Check with Electrical Engineer.

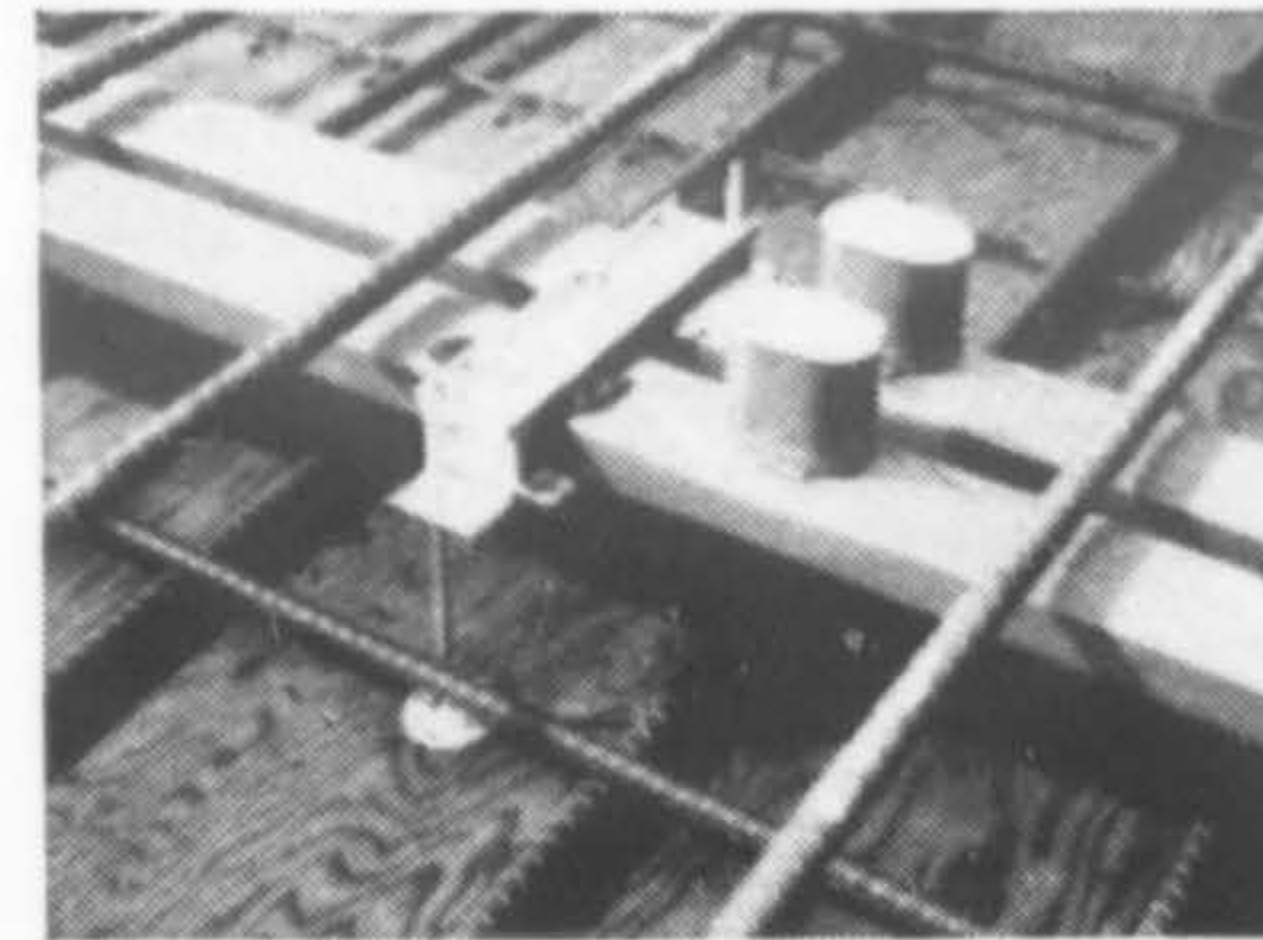


Fig. 1

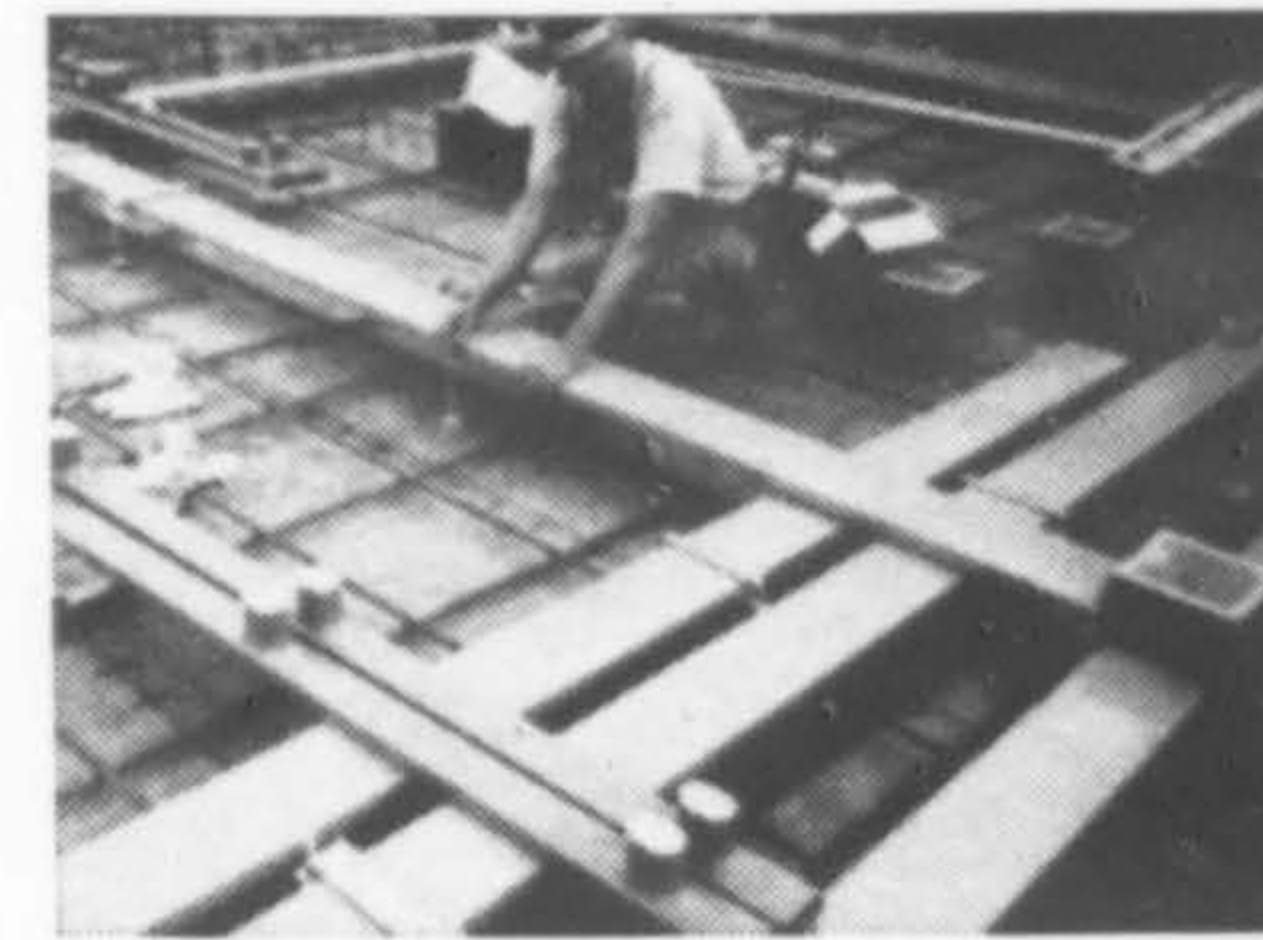


Fig. 2

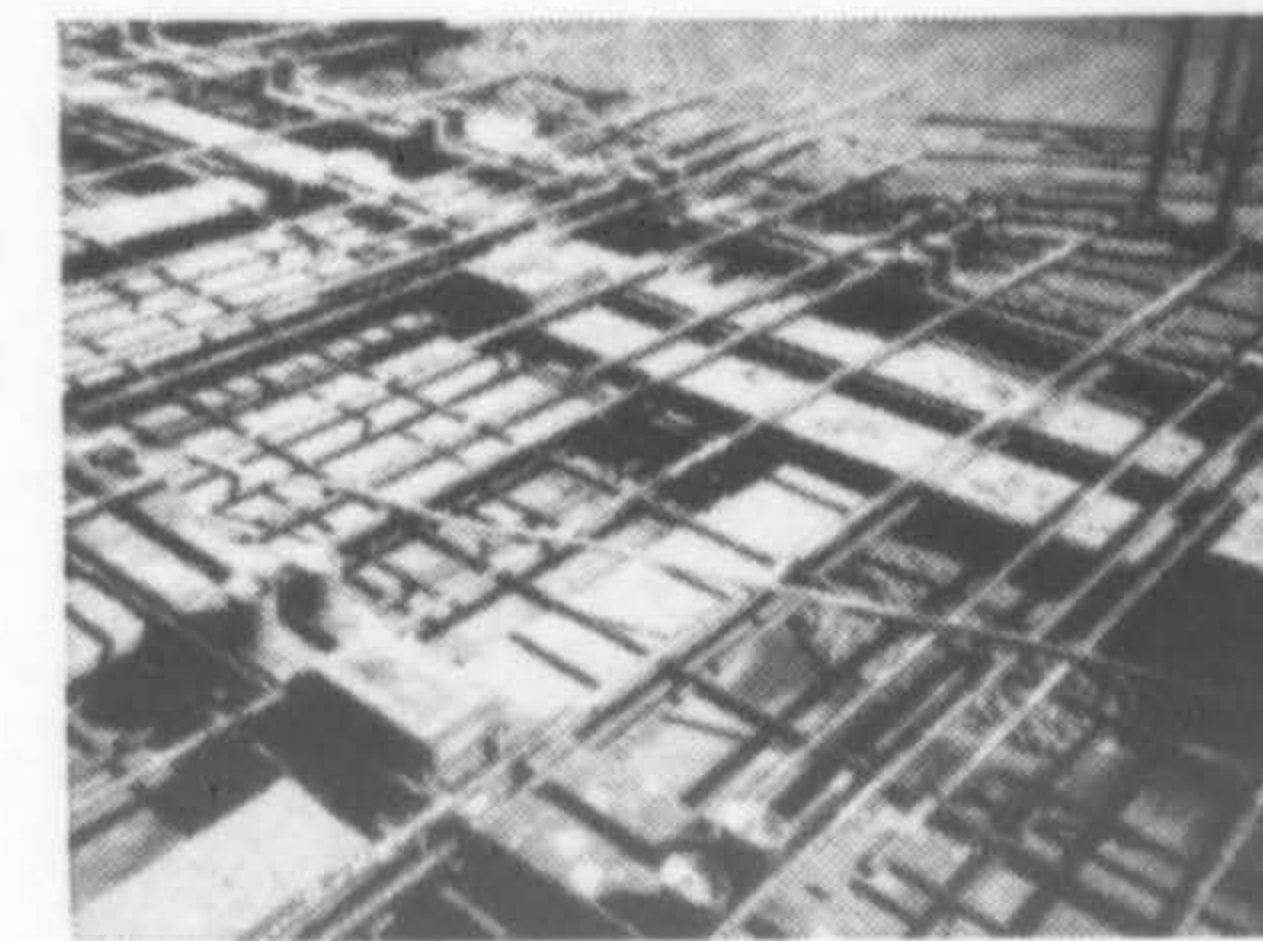


Fig. 3



Fig. 4

Today, raceways under concrete floors can be readily designed for maximum versatility. One method, a pyramidal feed system, that provides adequate capacity for future utility requirements as well as changing plant or office layouts is shown at left.

Fig. 1 shows the distribution ducts and the floor inserts. All inserts for the service fittings will be flush with the finished concrete floor. One duct is for power, one for telephone wiring. Fig. 2 shows the installation in progress. The two-level system allows feeder ducts to pass under distribution ducts. Fig. 3 shows the placing of concrete after reinforcement and ducts have been carefully set. Fig. 4 shows a typical completed installation.

In addition to the basic power and telephone services, many modern buildings may require additional raceways for other uses. These include, for example, panelboard feeders with voltages up to 600V, low potential signal services, intercoms, T.V. and programming. Designers should estimate future requirements as generously as possible.

Write for additional free information. (U.S. and Canada only.)

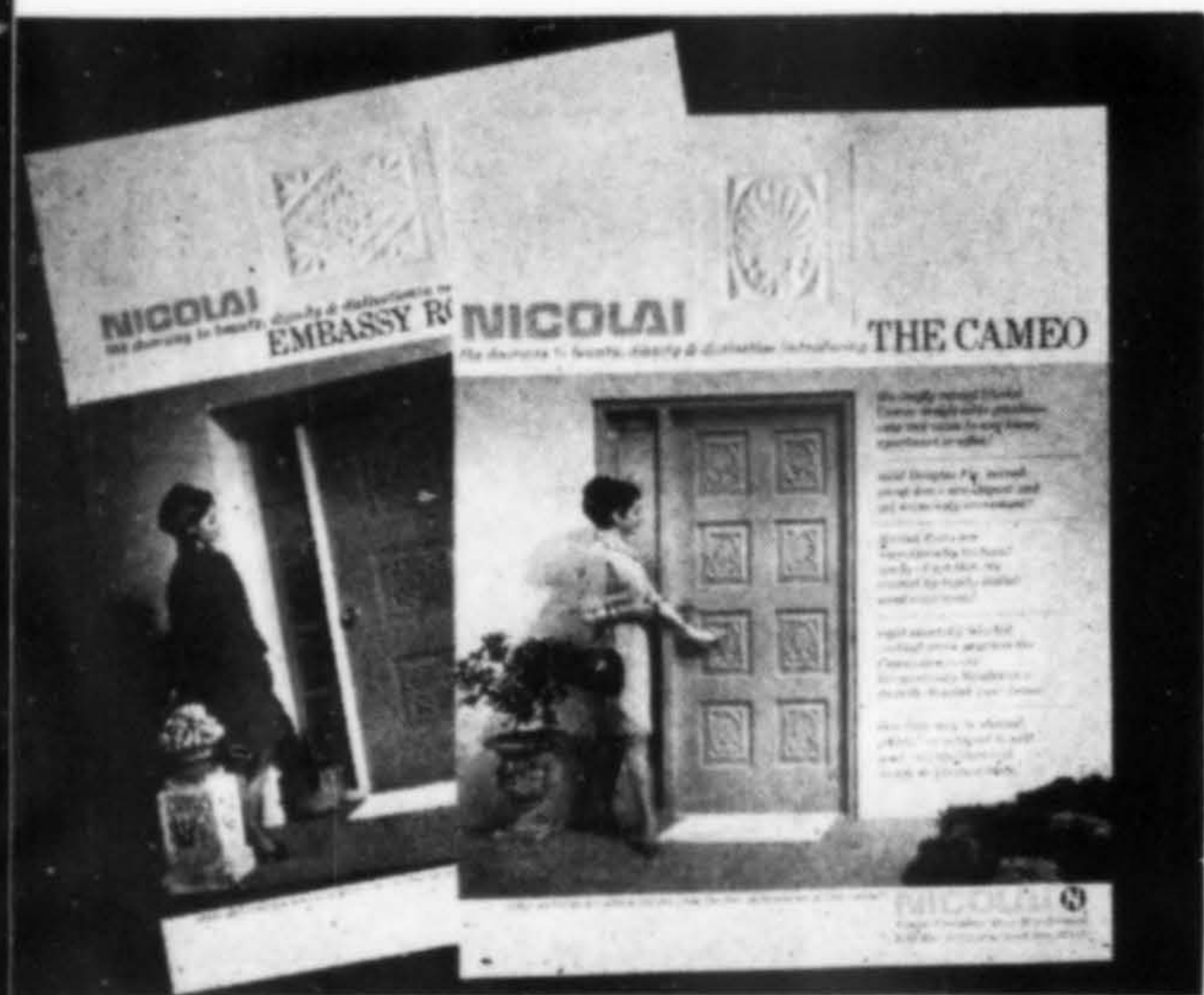
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A national organization to improve and extend the uses of concrete

Brickplate, the Versatile Tile (AIA 23-A): describes both unglazed and glazed colors, dimensions, properties, test results, industrial and commercial applications, veneer and floor installation details of this hard-fired ceramic masonry in a tile thickness. Full color, 8 pp.—Gail International Corp., 582 Market St., San Francisco, 94104.

Aluminum Entrances: both swing and sliding doors are discussed in detail. Strength, security, adjustability, weathering, finish, hardware and frame advantages are explained on each of the styles offered. Photos and illustrations are included. Color, 16-pp.—Kawneer Company, Inc., 600 Parr Blvd., Richmond, Calif.



Carved Panel Doors: introduces a new line of carved Douglas Fir panel doors in full color reproductions. Currently being manufactured are Cameo, Embassy Romanesque, Barcelona and Romanesque designs. Doors may be painted, stained or antiqued. —Nicolai Company/Door Mfg. Division, P.O. Box 17215, Portland, Ore. 97217

Washroom and Hospital Equipment (AIA 29-J): illustrates and describes more than 300 recessed and surface-mounted washroom accessories, designed for use in office buildings, motels, hotels, service stations, dormitories and institutional buildings. A comprehensive index and guide specifications are included. 24-pp.—Architectural Service Department, The Bobrick Corp., Box 39638, Los Angeles, Calif. 90039.

Thermoproof File Folder: contains an 8-page catalog which features photographs of major buildings glazed with the firm's insulating glass, details on standard sizes, specifications and instructions and three technical bulletins on insulating glass.—Thermoproof Glass Co., 4815 Cabot, Detroit, Mich. 48210.

Outdoor Lighting (AIA 32-F-2): graphically presents luminaires used to achieve special area lighting, flood-lighting and landscape lighting effects. All pertinent data included. 8-pp.—Bulletin 6610-2-47, Revere Electric Manufacturing Co., 7420 Lehigh, Chicago, Ill. 60648.

Electric Water Coolers (AIA 15): introduces the company's 1967 line of electric water coolers designed for use in offices, institutions, industrial plants and shopping centers. The catalog incorporates drawings, specifications, application charts and full color photographs. 16-pp.—The Halsey W. Taylor Company, Warren, Ohio 44484.

Tuff-Lite, Epoxy Terrazzo Floor Matrix: offers information concerning Tuff-Lite's durability, speed of application, chemical resistance, history and specifications. It pertains to flooring especially as it applies to hospitals, laboratories, apartments and airports. 4-pp.—Dept. PR, H. B. Fuller Co., 1150 Eustis St., St. Paul, Minn. 55108.

Discover Steelcraft: offers information on fire resistance, thermal factors, decibel ratings, test data and relative cost on a full line of metal doors and frames. Information on installation, use and maintenance is also included. 12-pp.—Steelcraft Manufacturing Co., 9017 Blue Ash Road, Cincinnati, Ohio 45242.

Innovations in Building Facings with Plexiglas: attractively showcases six new designs and illustrates custom design. Photographs of buildings are included with a list of advantages of Plexiglas facing panels and the engineering and installation of the panels. Full color.—Plastics Dept., Rohm and Haas, Independence Mall West, Philadelphia, Pa. 19105.

A Guide to Ceilings: presents a designer selection of ceiling tiles, panels and accessories designed for both beauty and acoustical control. Information is offered on how to lower high ceilings, hide pipes, ducts and wiring and cover cracked ceilings, as well as complement the choice of furnishings and decorative motif. Full color, 28-pp.—Conwed Products Wood Conversion Company, St. Paul, Minn.

Handbook of Professional Decorating Ideas: gives practical ideas on home improvements with planning and decorating suggestions that can be applied to a wide range of new home and remodeling situations. There are 46 colorful illustrations. 25c—Marlite Paneling, P.O. Box 250, Dover, Ohio 44622.

Jasper Chairs: One hundred and seventy-five chairs are pictured, including swivel chairs, guest arm chairs, side chairs, upholstered and wooden chairs in a variety of styles. In addition to chairs for office and other commercial installations, school library and courtroom chairs are also shown. Catalog 66. Full Color, 52-pp.—Jasper Chair Company, Jasper, Ind.



Four Seasons Recreation Equipment: fully illustrates the Four Seasons recreation equipment for schools, parks and playgrounds. A wide variety of designs includes a circular picnic table, four-seater and traditional rectangular park tables, park benches, portable bleachers and sports equipment. Construction details, sizes and colors included. Full color.—Dentin Mfg. Co., 2600 Washington Blvd., Bellwood, Illinois 60104.

Built-up Roofing, Waterproofing, Dampproofing (AIA 12-B): Three manuals covering specifications have been published by the company's Tar and Chemical division. Design details in typical and varied critical areas of installations are given as well as several building case histories dating as early as 1917 in which coal tar pitches were employed.—Koppers Company, Inc., Pittsburgh, Pa. 15219.

Wood Windows for Non-Residential Buildings and Multiple Dwellings: illustrates a wide variety of installations in schools, churches, restaurants, apartments and high-rise buildings. Several applications of each type of Pella window—casement, awning and double-hung—are shown. Tables of sizes and detailed specifications are included. Full color, 12-pp.—Rolscreen Company, Pella, Iowa 50219.

Facts About Fountains (AIA 38-G): fountains, water displays, planters and street furniture are described in a comprehensive catalog that contains facts about each system, sizes and costs. 124-pp.—Roman Fountains, Inc. 7251 N. Varna Ave., North Hollywood, Calif. 91605.

MANUFACTURERS

SUPPLIERS

• **Mosaic Tile Company:** C. W. Planje has been named executive vice president and general manager of the Cleveland - based ceramic tile manufacturing company. He will assume total operating responsibility immediately. Mr. Planje was formerly chairman and president of Gladding, McBean and Company, Los Angeles, prior to its merger into International Pipe & Ceramics Corporation.



PLANJE

• **The Philip Carey Manufacturing Co.:** Philip D. Shea, Jr., has been appointed assistant manager of the company's Western division, with responsibility for sales management, reporting to C. J. Bainum, vice president and general manager of the Miami-Carey Division and the Western Division. Announcement has also been made of the appointment of John A. (Jack) Hoyt as sales representative for the company's building products in Oregon and Western Washington. He will headquarter in Portland, Oregon.

• **Structural Bearing Company:** The formation of a new company to market "Sliderite" bearings, a recent development with polytetrafluoroethylene, used primarily in the construction of major concrete and steel structures where critical expansion and contraction is a design factor, has been announced. Heading up the company will be Robert J. Blanchette. Offices are located at 1265 Battery St., San Francisco, and manufacturing facilities at Newark, California.



NELSON



PERDEW

• **Georgia-Pacific Corp.:** Two promotions in the headquarters office, the result of moving the company's gypsum division to Oregon, have been announced by Robert O. Lee, vice president. Gene S. Nelson, sales promotion assistant, assumes the post of gypsum products sales promotion manager, and Ronald E. Perdew succeeds to the position of sales promotion assistant.

• **Seamless Systems, Inc.:** This subsidiary company of Carboline Company, St. Louis, has announced the appointment of P. W. Research, Inc., Los Angeles, to handle dealer acquisitions for their seamless resilient flooring and wall covering, sold through franchised dealers under the trade names of "Sancoura" and "Perdura".

• **Certain-teed Products Corp.:** Warren R. Mines has been appointed territory manager for the building products division of the Pennsylvania manufacturer of roofing products, plastics and fiber glass. He will cover the territory encompassing Santa Rosa, Ukiah, Eureka and Napa, California, reporting to Reginald Smith, western regional sales manager.



GALLAGHER

• **Interpace, Ceramics Div.:** Charles A. Gallagher has been named vice president and general manager of this division, according to an announcement by Hugh F. Kennison, president. He has been with Interpace since 1951.

• **Prescolite Manufacturing Co.:** Two newly formed California agencies have been named to represent the San Leandro-based lighting firm. Edward A. Sholander and Benjamin M. Klein, former Prescolite factory sales representatives, have opened their offices at 2411 South Broadway, Los Angeles. In the San Francisco Bay area, the new firm of Thompson, Gleason, Biro and Gill, have opened an agency at 149 California St. The partners, Al Thompson, Al Gleason, Anthony Biro and Lew Gill, are all former factory sales representatives. Both agencies will handle a variety of lines in addition to Prescolite products.

• **Micarta Division, Westinghouse Electric Corp.:** Lawrence R. Blank has been named as sales engineer, working from the Los Angeles headquarters, and serving parts of California, Arizona, Utah and Colorado.

• **PSF Industries, Inc.:** Four related Seattle firms have consolidated under the single name of PSF Industries, Inc.: Puget Sound Fabricators, Inc., Puget Sound Sheet Metal, Inc., Northwest Column Co., Inc., and Deming Roofing & Sheet Metal Co., Inc. The firms represent the metal fabricating division, the architectural specialties division, the roofing division and the sheet metal division. The personnel, plant location, 65 S. Horton St., and primary objectives remain the same.



GENERAL TELEPHONE COMPANY's new southern area headquarters in Long Beach, California will provide space for administrative offices. The reinforced concrete facility is expected to be completed by July 1968. The building will occupy slightly less than one acre and will include a three-level parking structure. Estimated cost: \$3.3 million. Herbert W. Frahm is southern area general manager. Architect for the project: Albert C. Martin & Associates.

• **Olympic Stain Company:** A major step against air pollution is being taken by the Seattle-based company, according to John Anderson, president. With their adoption of strict standards controlling solvent content of paints sold in California, production changes have been implemented following extensive research and formula development. The change will affect all Olympic Stains sold. The paint solvent restrictions are part of the anti-pollution regulations adopted by the Los Angeles Air Pollution Control District, effective July 1. A similar code will take effect in the San Francisco Bay area in January 1968. The new Olympic development frees their stains of objectionable organic solvents which, when applied, can evaporate to form air-polluting smog compounds.

• **Western States Ceramic Corp.:** C. V. Campbell has been named vice president and general manager of the Sacramento firm, a subsidiary of the U. S. Ceramic Tile Co., Canton, Ohio. Offices are at 7609 Wilbur Way.

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TO BUILD—or not to build—that is the question. Or at least it was the one being anxiously asked by builders, large and small, in the environs of Seattle and King County, up to recent weeks. Anxious to get rolling in the biggest building boom yet experienced in Western Washington, they were hampered with a veritable mountain of paper work, cornering them with delaying tactics. Loud complaints were heard from the eager contractors, released from tight-money policies, and with a golden opportunity to make hay while the monetary sun was shining. But a backlog of building permits to be processed in both the city and county building departments delayed construction starts up to two months while plans were checked. The pressing need, especially for housing, warehouses and industrial buildings, has stirred both departments to action: overtime pay has been authorized in an effort to cut the delay to no more than two weeks.

□ □ □

WE HOPE we didn't mislead you last February when we expressed our regrets in this column over the disappearance of the special "Western Section" from the pages of Architectural Record.

Western news and features still appear in Record, but not as a "section." They're assimilated into the general content of the magazine. A special Western section for advertising remains intact.



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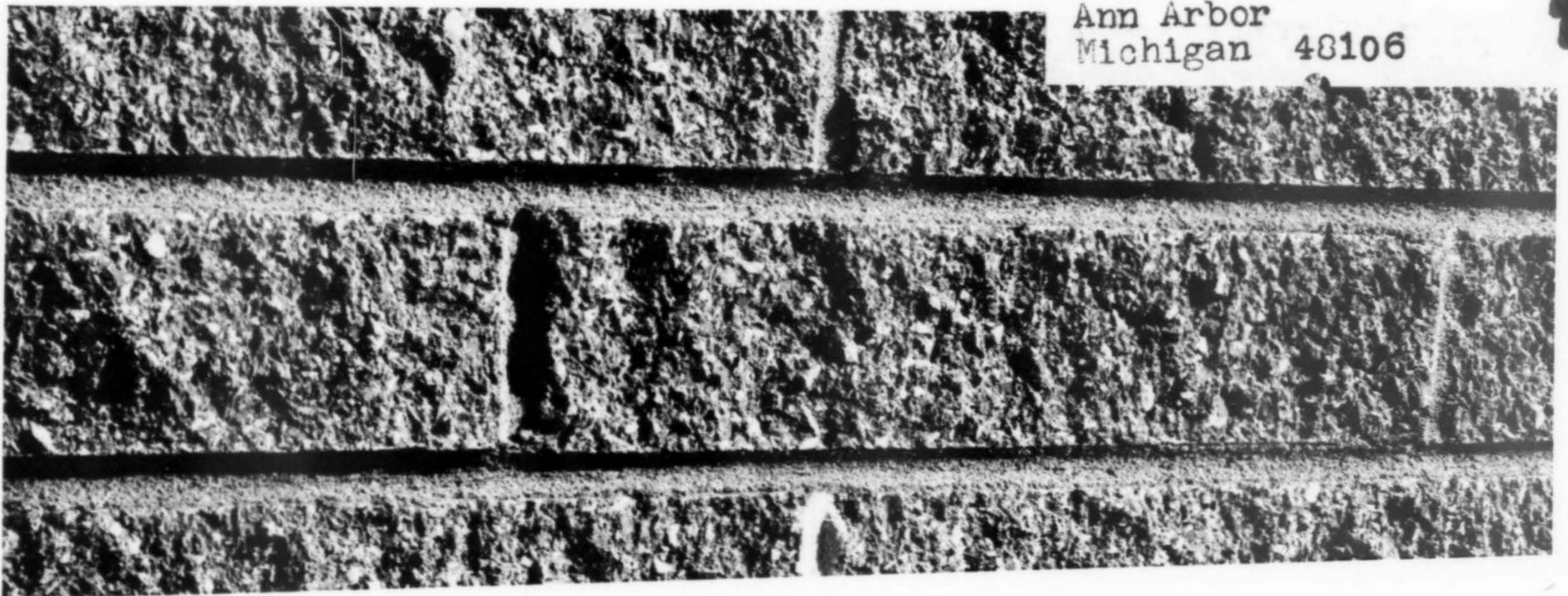
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