

HAWAII ARCHITECT

6/76

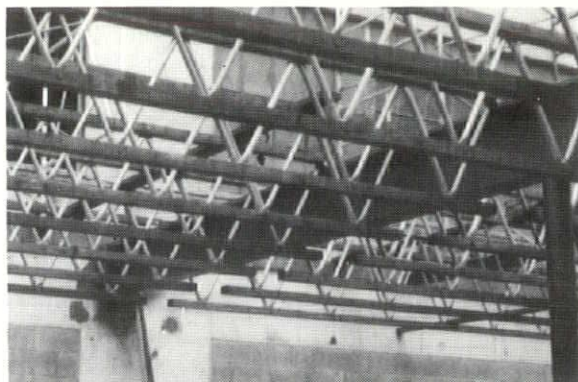
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ARCHITECT:

William Bunny Au, Inc., Honolulu

STRUCTURAL ENGINEERS:

Sato & Kuniyoshi, Honolulu

CONTRACTORS:

Allied Construction, Inc., Honolulu

Completion date:

late 1976. Project cost: \$2 million.

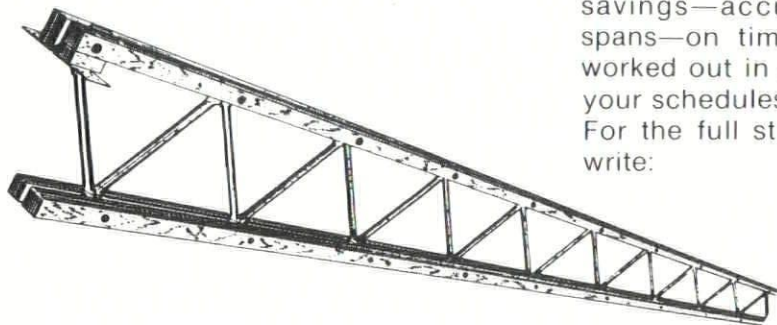
The new warehouse and office facility of Waterhouse Properties, Inc. is one of the most interesting projects of the year...

- The old American Sanitary Laundry Building is still there, providing the shell.
- The project is an early one in the re-birth of an area—Kakaako.
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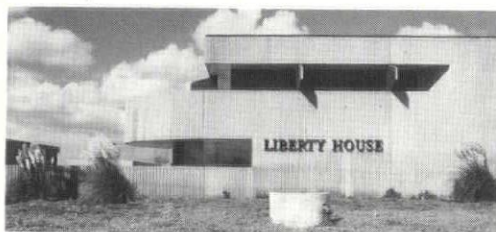
Jim Worden, President
Trus Joist Hawaii Inc.
641 Keeaumoku Street
Honolulu, Hi. 96814
Tel. 949-6661



HAWAII ARCHITECT

6/76

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Cover photo: Eric Engstrom

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Published by
Crossroads Press, Inc.

863 Halekauwila St.
P.O. Box 833
Honolulu, Hawaii 96808
(808) 521-0021

Stephen Lent, Publisher

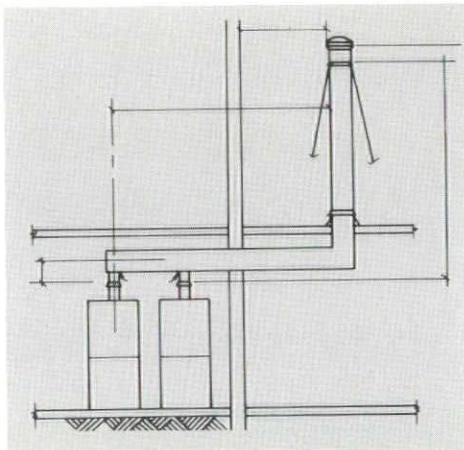
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HS/AIA AWARD:

HS/AIA — CROSSROADS PRESS, INC. SCHOLARSHIP AVAILABLE

The Hawaii Society, American Institute of Architects, has established a scholarship for students enrolled in the University of Hawaii, Manoa Campus, School of Architecture. A \$500 award will be made at the beginning of the fall semester 1976, \$600 at the beginning of the fall semester 1977, and \$750 at the beginning of the fall semester 1978.

The desire of the HS/AIA is to

establish a scholarship to be awarded primarily on the basis of need, but with certain qualifications.

The criteria for the scholarship follows:

Name: Hawaii Society, American Institute of Architects-Crossroads Press Scholarship.

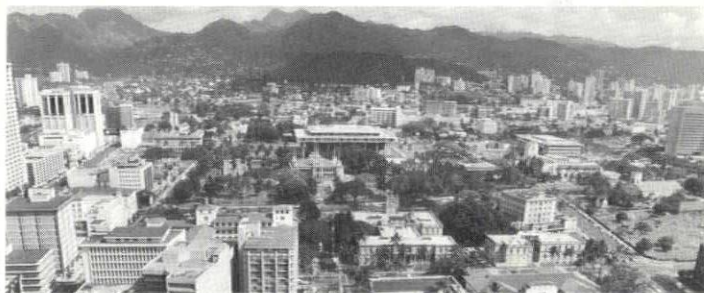
Eligibility: To be awarded to a student who can demonstrate financial need and entering either the fourth year as an undergraduate or first year as a graduate.

Grade Point Qualification: B average during the preceding semester, during which a minimum of 12 units must have been accomplished while enrolled in the University of Hawaii, Manoa, School of Architecture. The student's major must be in architecture.

Funds for this scholarship are derived by contract between the Hawaii Society, AIA, and Crossroads Press, Inc., publisher of Hawaii Architect.

Coming Up in Hawaii Architect: July: Iolani Palace

What's happening; when it will be done; its significance. Interviews with those involved in the restoration process.



August: Chinatown

The problems and progress in a historic area threatened with both architectural and social dissolution. And some suggestions for change.



September: UH Department of Architecture

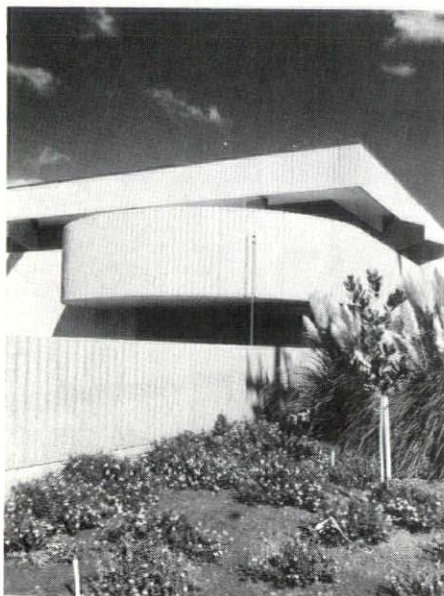
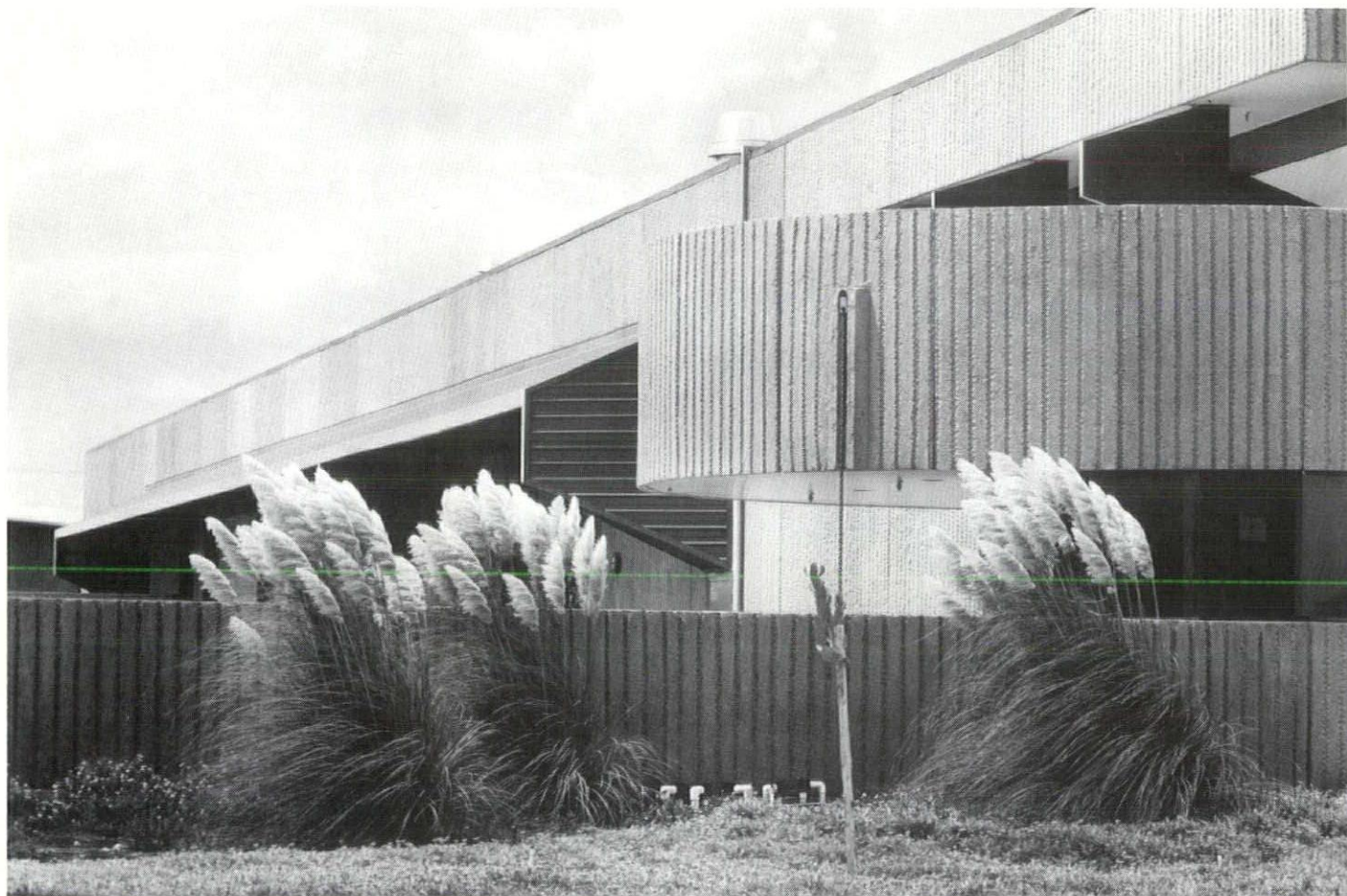
What's happening, and hopefully an interview with the new department head.



Contributions welcome. Contact Jim Reinhardt or Bob Fox.

1975 HS/AIA HONOR AWARD: LIBERTY HOUSE DISTRIBUTION CENTER

Architect: HAINES JONES FARRELL WHITE & GIMA



JURY COMMENTS:

An elegant solution to a very mundane building type. Sculptural forms are good, strong, yet not forced. Good, honest use of materials. A beautifully simple exterior.

The Liberty House Distribution Center is located at Campbell Industrial Park, Ewa, Oahu. The challenge in the project was to produce a quality building at extremely low cost in an extremely short time.

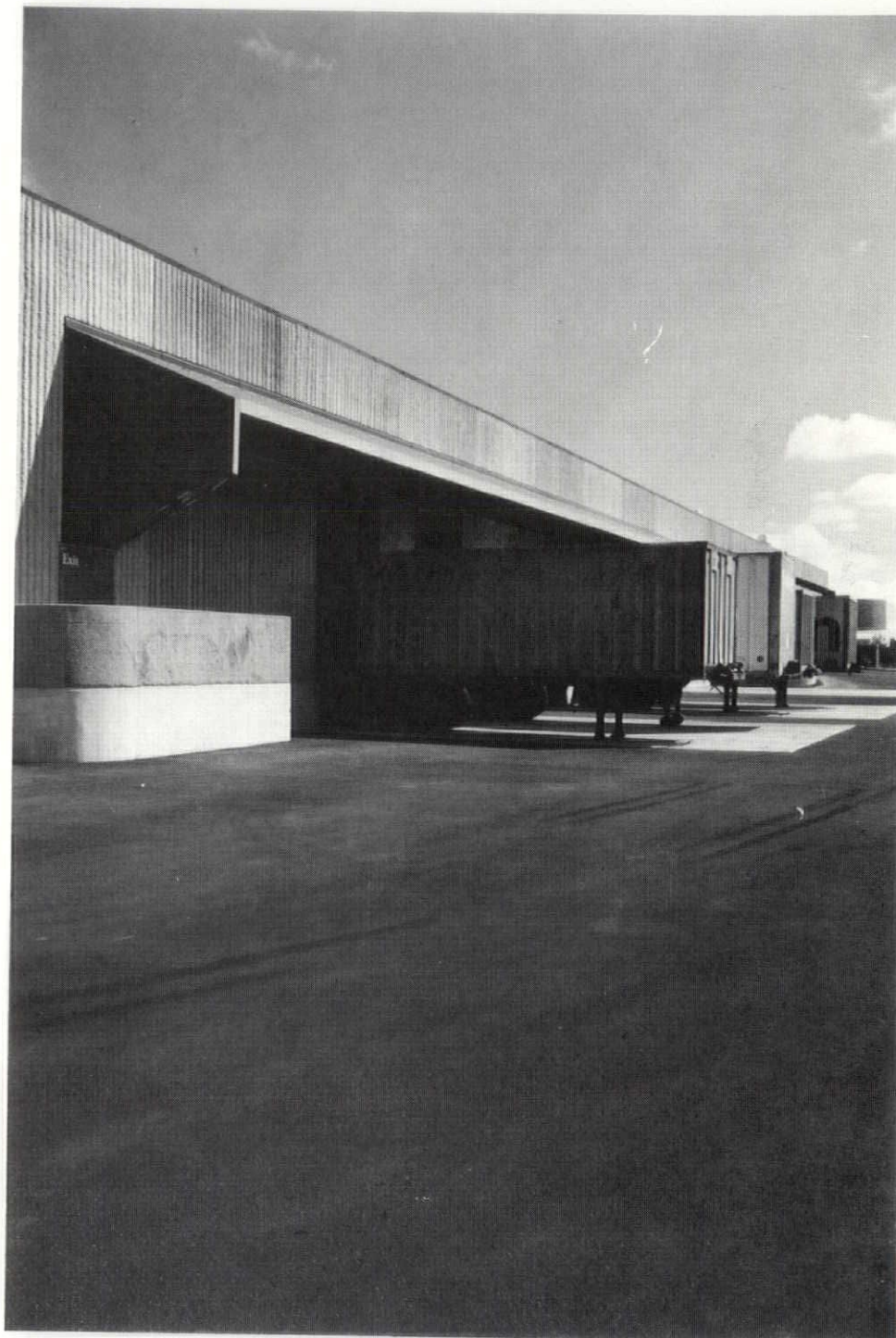
The team approach was utilized to accomplish the stated goals. Design options were produced by the architect and cost estimates were prepared by the preselected general contractor.

The design solution consists of a tilt-up exterior cast-in-place concrete wall system, with steel framed interior on 27'-6" x 30'-0" bay spacing. Plastic chain was imbedded in the top of the concrete tilt-up wall panels while wet. After a few hours the chains were ripped out, producing rough textural quality at extremely low cost.

Exterior walls are primarily without openings in warehouse and work areas for reasons of security. The main entry is emphasized by a protruding semi-circular canopy. The security station projects out from the plane of the building, giving a clear site line down the receiving docks to the adjacent street.

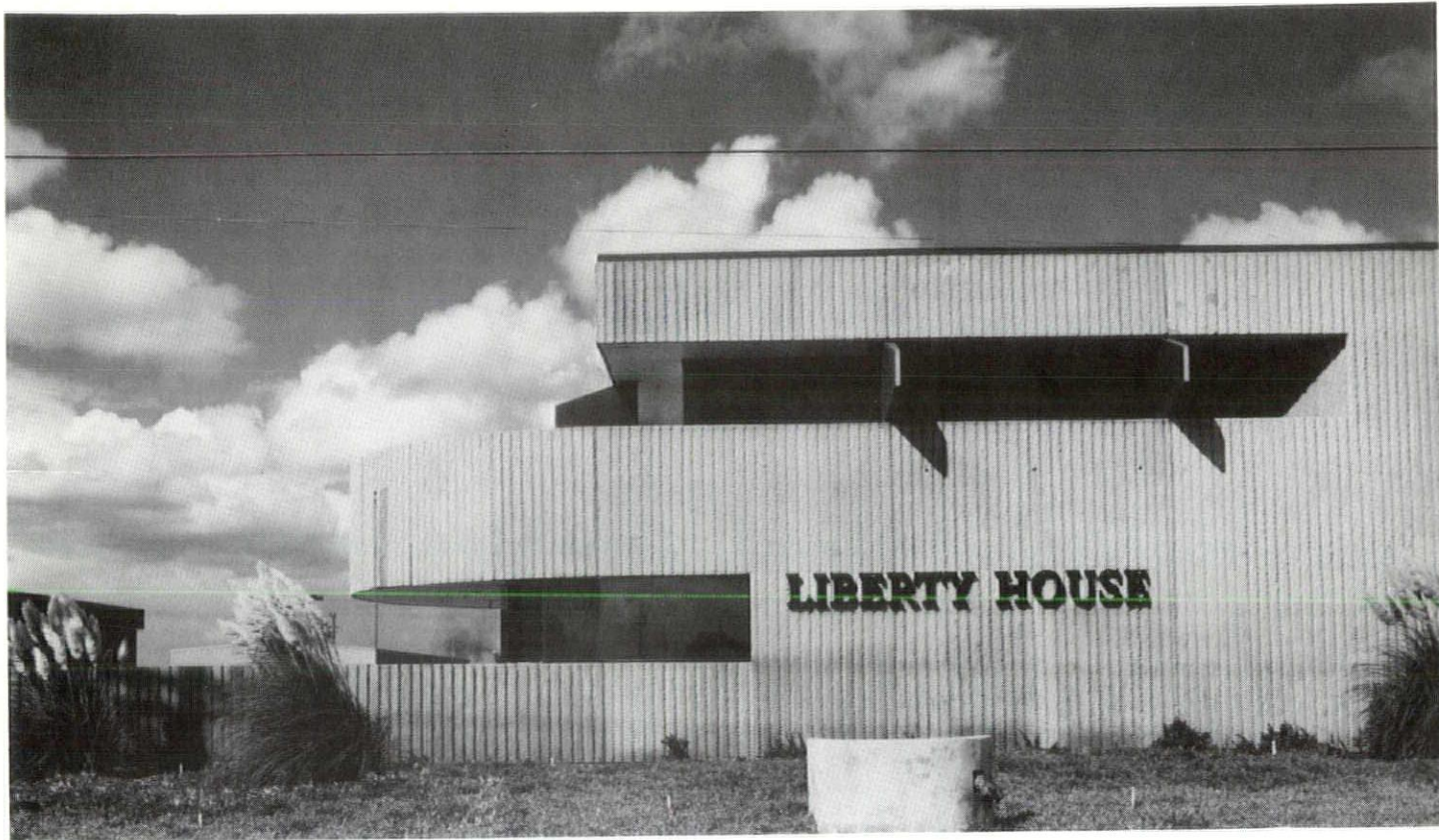
Program areas vary from bulk storage warehousing to highly staffed processing areas of checking, marking, printing, etc. Total staff using the facility is 200.

Employee lunchroom and lounge spaces are located on the mezzanine floor with large covered glass areas providing views out toward the ocean. Administrative offices are also located on the mezzanine floor.



1975 HS/AIA HONOR AWARD:

LIBERTY HOUSE DISTRIBUTION CENTER



The interior of the building is under positive pressure, keeping dust and dirt from entering the building. Offices, lounges, and checking and marking areas are fully air conditioned. The cooled air from these areas is combined with filtered air, and vents catch air from storage areas. This provides partial air conditioning in spaces with infrequent visitation, such as mezzanine storage. Color and graphics were used to brighten interior work areas, truck docks and mechanical equipment.

Total size of building: 256,058 square feet. Construction cost: \$2,892,693, or \$11.30/square foot. Architectural design work commenced in August, 1973. Liberty House occupied the building in November, 1974.

PROJECT:

LIBERTY HOUSE DISTRIBUTION CENTER

Oihana Street
Campbell Industrial Park
Ewa, Oahu, Hawaii

ARCHITECTURAL FIRM:

Haines, Jones, Farrell, White & Gima, Architects, Ltd.

ARCHITECT-IN-CHARGE:

Joseph G. F. Farrell, AIA

Project Architect:

David A. Miller, AIA

Project Designers:

Joseph Farrell & Dennis Daniel

Graphic/Interior Designer:

Eric G. Engstrom

CONSULTANTS:

Structural:

Dimitrios Bratakos & Associates

Mechanical:

Lars K. Sorensen

Electrical:

Douglas MacMahon & Associates

Landscape:

Haines, Jones, Farrell, White & Gima

CLIENT:

Liberty House

OWNER:

Amfac, Inc.

CONTRACTOR:

Swinerton & Walberg



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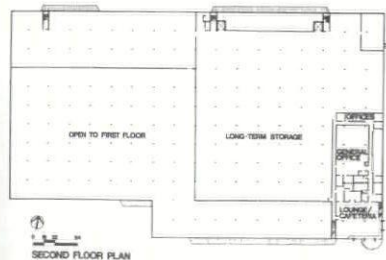
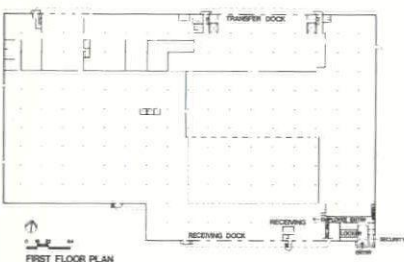
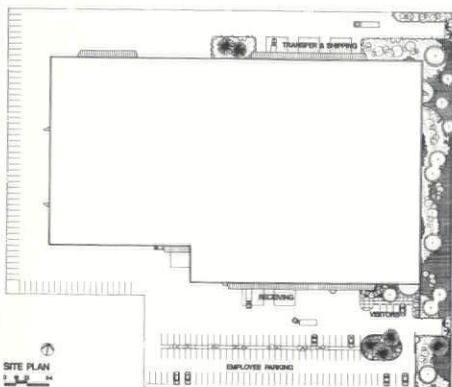
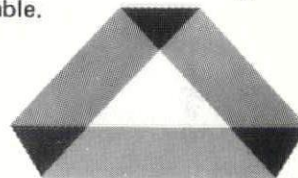
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STUDENT AWARDS

1975-76 Awards for Excellence from WAL, CCPI, HS/AIA, UH

The Student Award ceremony took place this year on May 14. Student attendance was quite heavy. AIA membership attendance was relatively light.

Ed Aotani, president of the Hawaii Society/AIA, made an introductory statement. Nick Ybl, chairman of the Student Awards Committee, made announcement of the awards as follows:

- Women's Architectural League 1976 Award to the University of Hawaii Department of Architecture presented by Shirley Ladd (\$300), president of the WAL.

- CCPI awards to Community College students presented by Mario Valdastrì (\$150), president of the CCPI.

- The Hawaii Society/AIA awards presented by Ed Aotani (\$1,400), president of the HS/AIA.

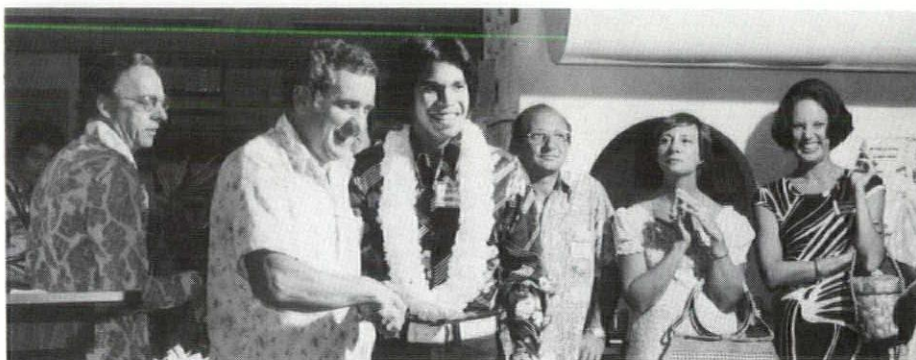
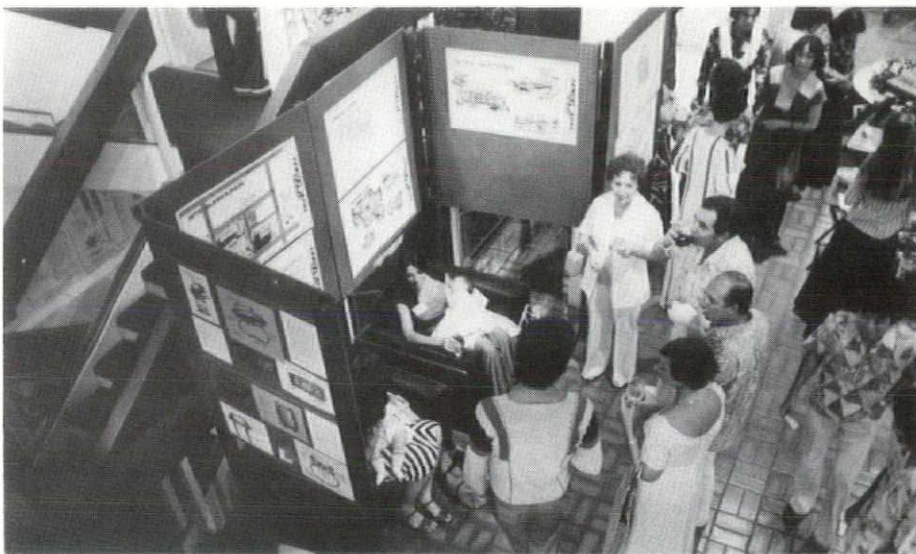
- The University of Hawaii-sponsored awards presented by Bruce Etherington, chairman of the U.H. Department of Architecture.

Kimo Naauo, Dean Taise, E. K. Santos \$50 each

For achievement in Architectural Drafting, Cement & Concrete Products Industry of Hawaii Awards. Working drawings.

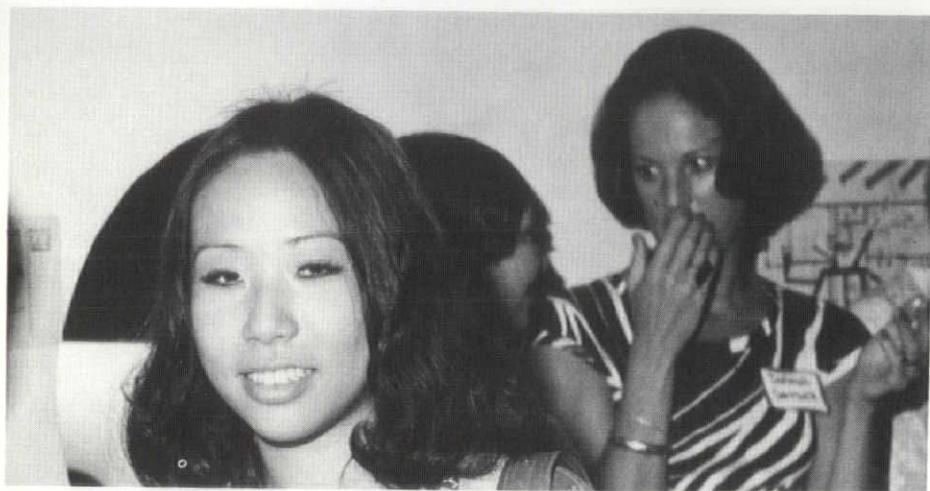
Ray Odosi \$100

For Excellence in Architectural Drafting, Hawaii Society/AIA Award. Working drawings.





Note: An exhibition of student work was held at the AIA office in May. It is hoped this will be the beginning of many student shows.



Arnold Fukunaga \$30

For Achievement in Arch 274 (F/S) Graphics, the Walter Emory Award. Portfolio.

Student demonstrated a strong kinesthetic control of each of the mediums presented and had a good understanding of the limitations in each medium. Exhibited restraint in color selection, and other.

Barbara Hirai \$50

For Achievement in Arch 275 (F/S) Basic Design, the Fishbourne Award. Urban park: educational toy.

All of the projects demonstrated good problem understanding and solution, however, Hirai's educational toy exceeded most in its uniqueness.



Sherrie Niimi \$50

For Achievement in Arch 276 (F) Basic Design, the Fishbourne Award. Portfolio.

Niimi exhibited a refinement of technique as well as developing unique uses for recycled materials. Through use of recycled material had a definite practical application.



Severson, Uchimura, Lam, Choi, Starr \$250

Chan, Fujimori, Goto, Honbo, Kwok, Lee Ling \$250

For Excellence in Arch 341 (S) Planning & Urban Design, Hawaii Society/AIA Award. Analysis of Fort Street Mall.

Continued on page 12

STUDENT AWARDS

from 11

The jury decided that two groups should receive equal awards in this category. Both presentations were excellent. However, the jury felt while one excelled in content the other excelled in conclusion. Both groups appeared to have benefited greatly by the learning experience involved.

Michael Lum \$50

For Achievement in Arch 372(F) Environmental Analysis, the Dickey Award. P.D. site plan (plus report).

Winning scheme appeared to have a better site distribution of units and a more intimate breakup of masses. Careful study was given to contouring and site placement as well as juxtaposition of living units.

Kirk Yuen \$50

For Achievement in Arch 372 (S) Environmental Analysis, the Dickey Award. P.D. site plan (plus report).

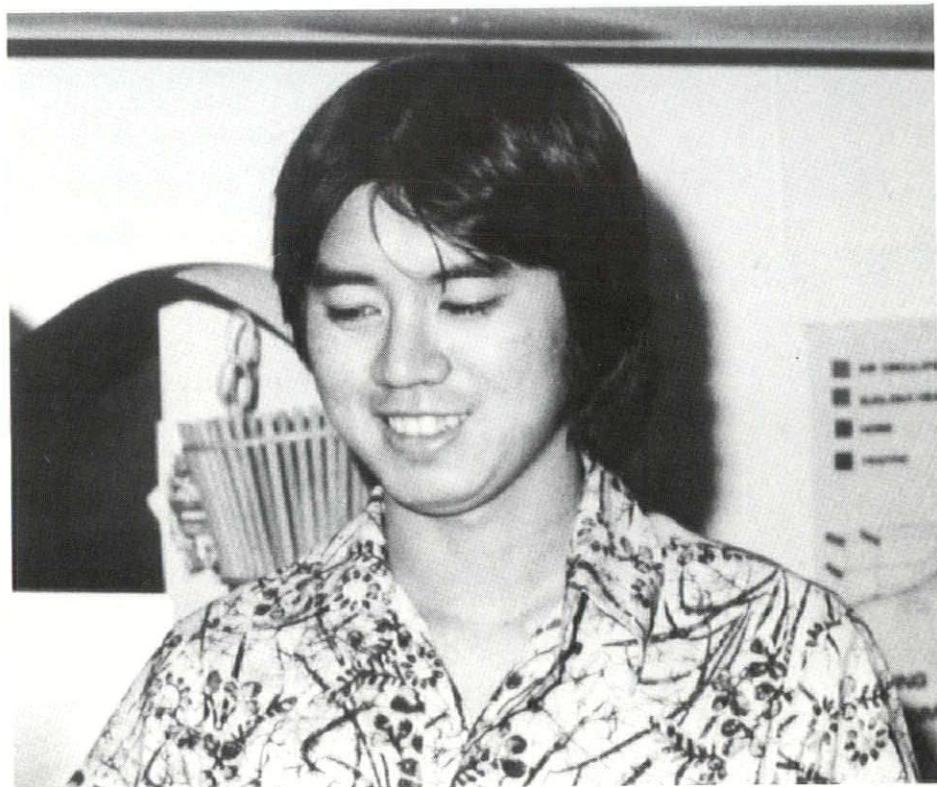
While both finalists had very similar schemes, it was felt that the winning scheme had more in-depth research and slightly better distribution of units within given contour confines of the project.

Wayne Yamagata \$100

Rodney Lee \$100

For Excellence in Arch 398 (F) Design Studio, the Furer Award. A communal residential development.

Both finalists had well executed schemes. The jury felt that



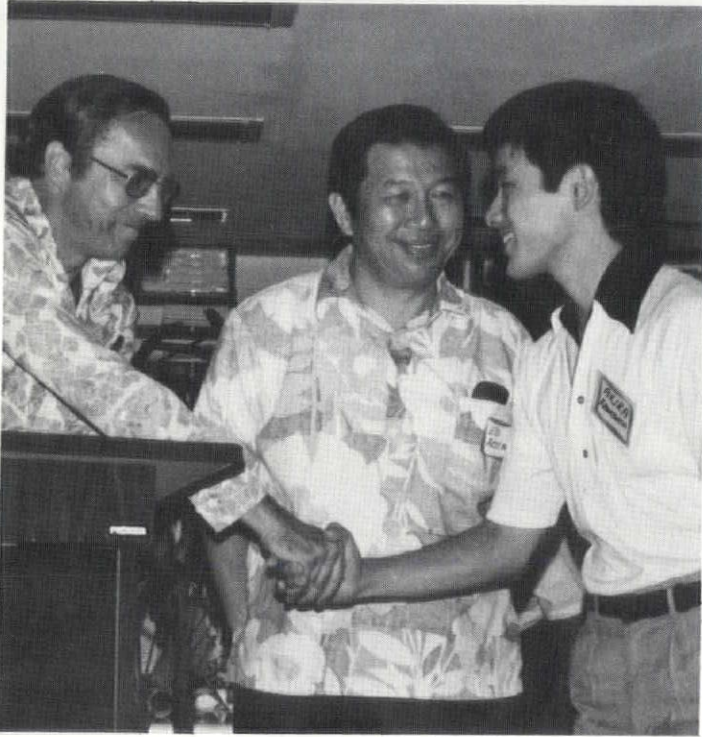
Acknowledgements

Society Affairs: Clarence Miyamoto; Awards Committee: Nicholas Ybl; Program (including buffet dinner and bar): Jim Young, Dennis Irie, and Liz

Schimmelfenning; Exhibits: Buck Welch; and AIA Office: Beverly Wolff and Sandi Creason.

Also, Jury (U.H.): David G. Stringer, John Hara, and Gordon Tyau; Jury (C.C.): Clarence Miya-

moto, Nicholas Ybl, and Jim Boydston; University of Hawaii: Rolf Preuss and Jim Pearson; and Community Colleges: Harry Olson, Bob Buell, Chester Kato, and Tom Katsuyoshi.



each was worthy of an award despite the fact that their approaches to the problem were entirely different. One scheme appeared to solve the practical problems while the other scheme appeared to be more adventuresome. The quality of presentation for both schemes was excellent.

Akira Kawabata \$200

For Excellence in Arch 398 (S) Design Studio, Hawaii Society/AIA Special Award. Ala Wai Bridge.

The winning selection appeared to have solved the problem of preserving the greatest amount of the parcel while providing a pleasant circulating space on the amenity level. The scheme also appeared to be more in sympathy with the surroundings than the others. All schemes were well presented and well executed.

Alethea Takara \$20

For Achievement in Arch 361(F) Interior Design Studio, the Dickey Award. Office interior.

The jury assumed that the program for this problem included one selection of material and furniture for a given space; in that light, the winning selection appeared to have solved the problem in a consistent and refined manner. It was felt also that board composition was excellent.

Rodney Lee \$100

For Excellence in Arch 398 (S) Urban Design Studio, Hawaii Society/AIA award. A neighborhood development plan.

Practical solution to a high-density development program. Interesting variation in creating spaces by connecting the courtyards. The student demonstrated high skill to achieve high density

by stacking the units in four- and five-story elements and by cleverly manipulating them. The jury felt the presentation was excellent.

Lansing Sugita \$50

For Achievement in Arch 672 (S) Graduate Design Studio, the Hart Wood Award. Community center and housing, Waipahu.

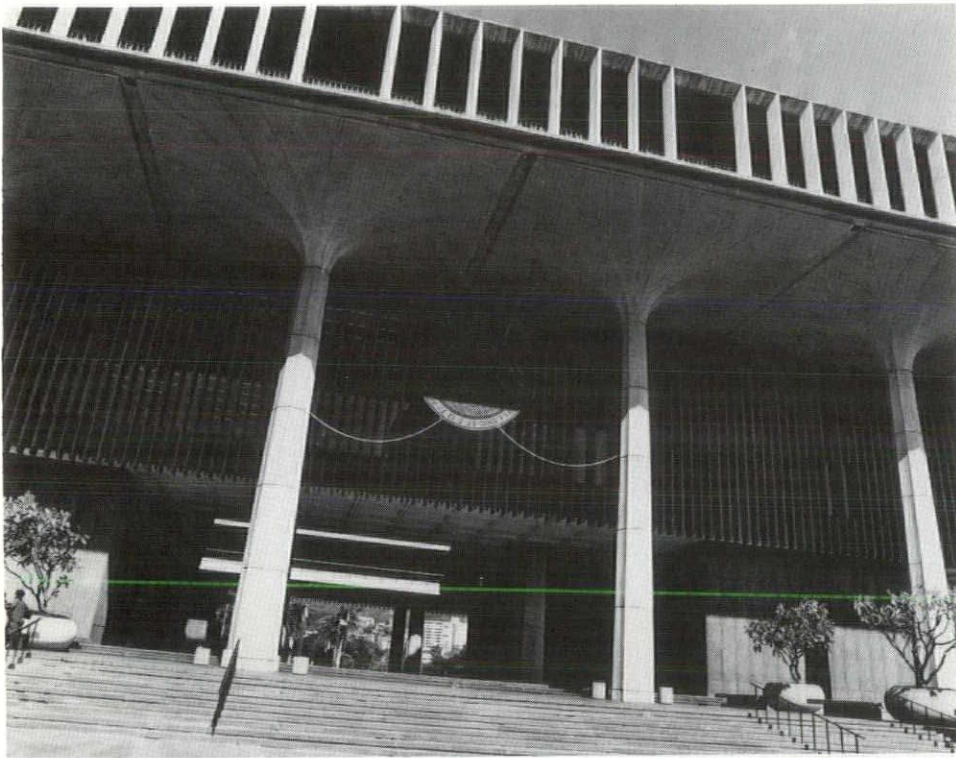
Good start to a very complicated project. Community center was handled very well.

The jury felt that the projects generally demonstrated a great improvement from previous years in both program development by the faculty and in efforts, skill in solving problems, and presentation by the students.

The jury also felt that special recognition should be given to Rolf Preuss for his contributions in program development.

HAWAII CAPITAL DISTRICT

by Michael Leineweber



STATE CAPITOL AND GROUNDS

The Hawaii State Capitol and grounds were designed by the architectural firms of Belt, Lemmon and Lo, and John Carl Warnecke and Associates. Planning commenced in 1960 and construction began in November 1969. Constructed of reinforced concrete and structural steel, the building is set in a reflecting pool symbolizing the formation of the Hawaiian Islands from out of the sea.

The conic shape of the legislative chambers is intended to represent the volcanoes from which the Islands sprang. The 40-foot pillars encircling the building are reminiscent of Hawaii's palm trees. Replicas of the state seal adorn the mauka and makai entrances of the building.

ARMED SERVICES YMCA AND GROUNDS

The Armed Services YMCA was designed by San Diego architect Lincoln Rogers, with the local firm of Emory and Webb. The building was dedicated March 16, 1928. The building is "U" shaped with a central court, swimming pool, and deck lanais.

The YMCA is an important example of Spanish Mission architecture and is well related to the Hawaiian Electric Building, the Federal Building, the YWCA, and Honolulu Hale. The YMCA is an important social factor in the maintenance of the spirit and public use of the Capital District.



Michael Leineweber is an architect/urban designer with Urban 9, a planning and research oriented group associated with Group Architects Collaborative, Inc.

HAWAII STATE LIBRARY

The Hawaii State Library was designed for the Territory of Hawaii by New York architect Henry D. Witfield, in association with Honolulu architect H. L. Kerr. The design was commissioned in 1909 and the building was completed February 11, 1913.

In plan, the library is quadangular with an open central court. The library's main entry faces King Street and is approached via a wide walkway across an expansive lawn, which terminates at a stairway leading to a main portico landing. The portico is supported by eight 20-foot concrete Tuscan columns.

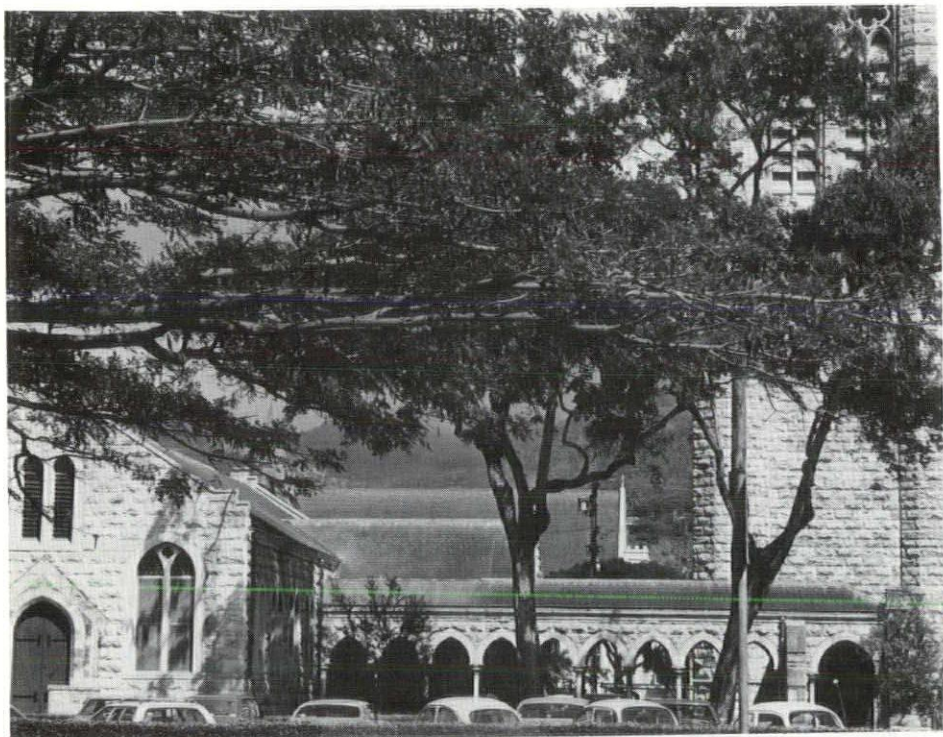
Of particular architectural significance is the use of bronze grille work insets in the arches of the main entry. The library is the only example of this particular architectural treatment in the state. Also of note is the adherence to classical design principles.

The library is also significant for its siting and location in the center of the Capital District. The library makes an important contribution to the establishment of scale and continuity in the district.



HAWAII CAPITAL DISTRICT

from 14



ST. ANDREW'S CATHEDRAL

The Episcopal Church was brought to Hawaii in 1861 by Kamehameha IV and Queen Emma. St. Andrew's Cathedral itself is a memorial to Kamehameha and was so named on the saint's feast day on which the King died in 1863. In 1866, the Queen toured England and obtained plans and funds for St. Andrew's. The cornerstone was laid in 1867, and construction began in 1884.

Cut stone for the arches, columns, and windows was brought from England; local beach stone was used for the walls. The chancel was completed in 1886, and the cathedral completed and consecrated in 1902. In 1958 the front was extended to incorporate a stained glass wall. St. Andrew's is presently the cathedral for the Episcopal Diocese of Hawaii.

WASHINGTON PLACE AND GROUNDS

Washington Place, the governor's residence, was begun early in the 1840s, by merchant and ship's captain John Dominis. The home was inherited by his son, John Owen Dominis, who lived there until his death in 1891. The house was then inherited by his wife, Queen Liliuokalani, who lived there until her death in 1917. In 1921 the Territory purchased Washington Place for a governor's mansion. Although extensively repaired and modified over the years, Washington Place is the oldest continuously occupied residence in Honolulu.



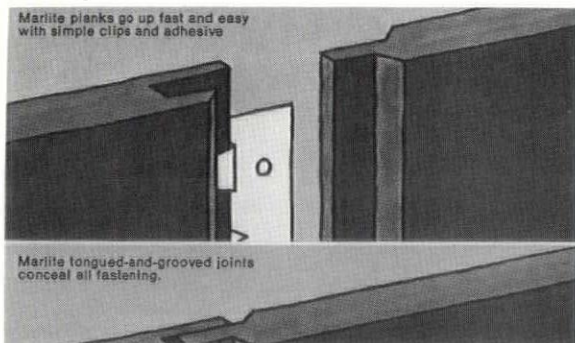
OLD ARCHIVES BUILDING (ATTORNEY GENERAL'S BUILDING)

The Attorney General's Building, located on the Waikiki side of the Iolani Palace Grounds, was built in 1906 as an archives. It was used for records storage until 1953 when it was replaced by the present archives building. It is now used to house various government offices. This building was the first to be constructed in the United States as an archives.

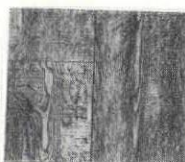


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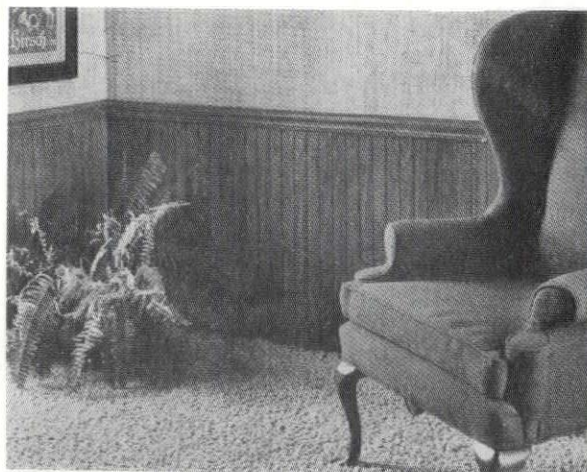
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NEWS SPOTS FROM AIA/NATIONAL: ENERGY CONSERVATION LIABILITY INSURANCE

ENERGY CONSERVATION WOULD ADD JOBS

A new energy conservation bill would provide a much needed stimulus for the depressed construction industry, says The American Institute of Architects (AIA).

In recent testimony before the Senate Committee on Banking, Housing, and Urban Affairs, AIA Vice President Carl L. Bradley, FAIA, strongly endorsed the Energy Conservation Act of 1976. The bill (S. 3424) would provide for a variety of economic incentives for homeowners and business people to invest in energy conserving measures in existing buildings.

The creation of new jobs in the construction industry would be only one of many short-term benefits of the bill, said Bradley. The programs, including loan guaran-

tees and interest subsidies for homeowners, small businesses, and commercial and industrial consumers, would also result in substantially lowered energy costs for those taking advantage of the loans, according to the Fort Wayne, Ind., architect.

Bradley stressed the importance of dealing with the nation's existing stock of more than 70 million residential and commercial buildings, most of which were designed and built in an era of abundant energy supplies. The bill, he said, would be an important step toward removing the institutional and economic constraints to realizing the energy conservation potential in these buildings.

"Many building owners and operators are aware of the potential for saving energy," he noted. "But they are simply unable, in the current market, to acquire the capital to make the necessary modifications. It is precisely this problem that is addressed by S. 3424."

Bradley also expressed the Institute's support for a provision of the bill that would call upon the Federal Energy Administration to develop a model state energy conservation implementation program. The AIA also recommended that the model state program include provisions for state public education efforts stressing proper operation and maintenance of energy conserva-

WORKERS' COMPENSATION: THIRD PARTY CLAIMS

Liability insurance carried by design professionals is increasingly being used as an indirect subsidy to make up for the shortcomings of workers' compensation, said The American Institute of Architects testimony on the National Workers' Compensation Act of 1975 (H.R. 9431).

Speaking before the Subcommittee on Manpower, Compensation and Health, and Safety of the House Committee on Education and Labor, AIA Vice President Carl L. Bradley, FAIA, called for changes in the proposed legislation that would strengthen the "exclusive remedy" nature of workers'

compensation systems by extending to the design professions the immunity now conferred on contractors.

"We believe," he said, "That this is the appropriate time for Congress to address the issue of third party claims."

The Institute, he said, supports the bill, which would set uniform national standards for workers' compensation programs and benefits, "provided that the employer's immunity is extended to those acting with the immediate employer at the same location."

Under present laws, said the Fort Wayne, Ind., architect, work-

ers injured in construction accidents are suing architects for losses in excess of compensation benefits. In such instances, the subcontractors' and general contractors' liability is limited to workers' compensation. They are immune from suit, as is the owner whose status is that of a principal behind an independent contractor. Thus, the architect is often the only available defendant.

In most cases, said Bradley, the architect has no authority to control operations on the construction site. The legal responsibility for job safety normally lies with the contractor. The architect, who operates essentially as an agent of

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tion measures.

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The Institute's major energy policy study, "Energy and the Built Environment: A Gap in Current Strategies," (1974) found that energy savings equivalent to 12.5 million barrels of oil a day could be achieved by 1990 if all existing buildings were retrofitted for energy efficiency and if all new buildings were designed with energy savings in mind.

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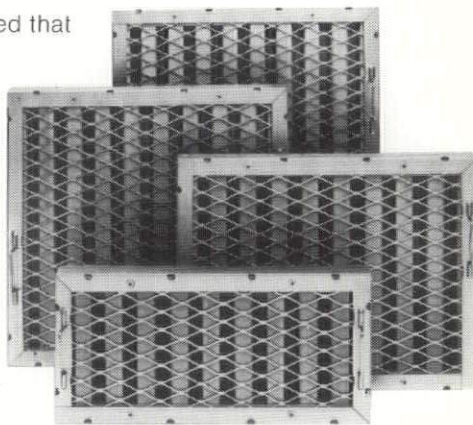
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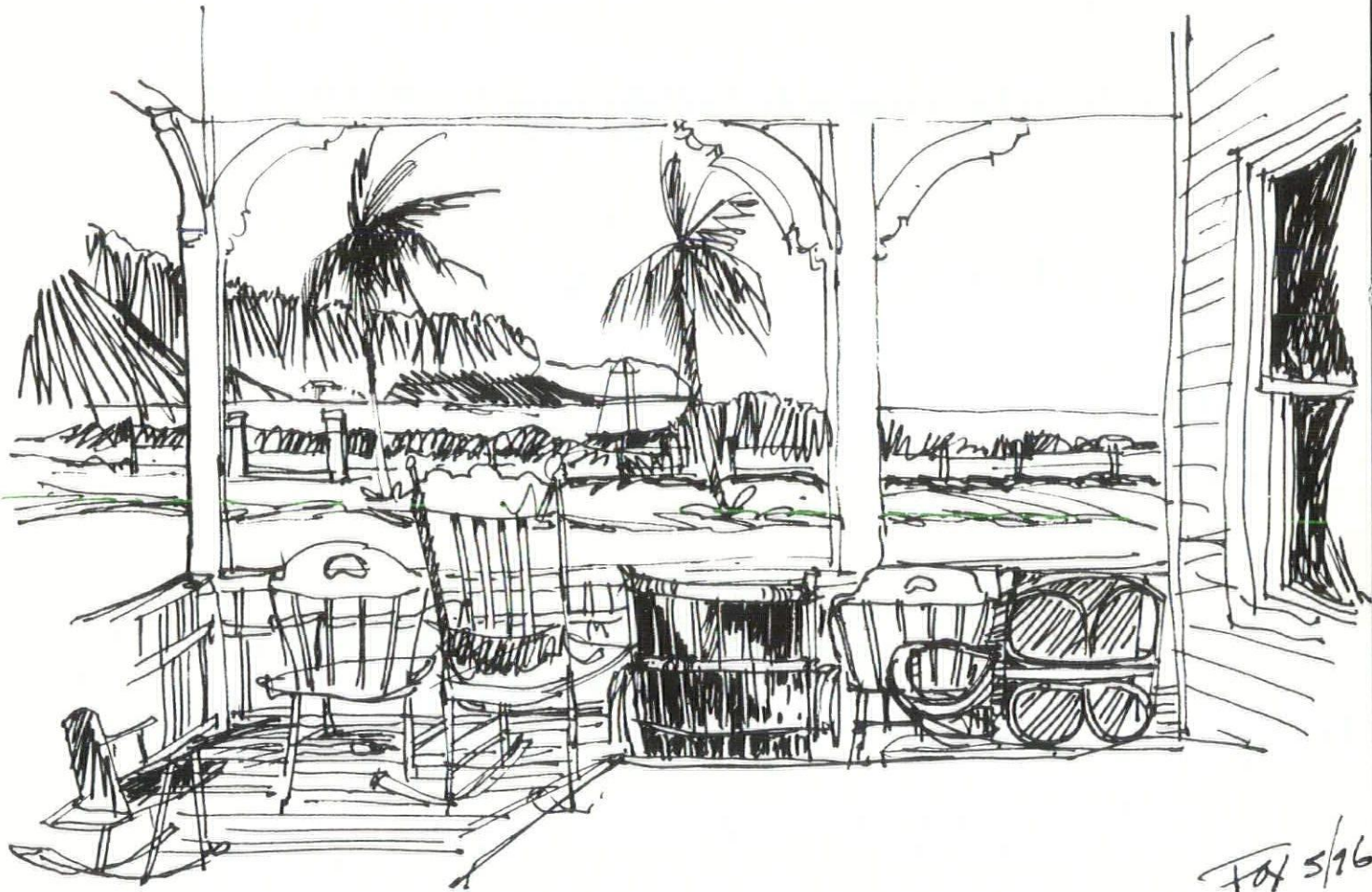


the owner, may not even have been hired to conduct on-site observation of construction.

This situation, according to Bradley, has contributed heavily to enormous increases in the cost of liability insurance to design professionals. "Liability premiums are currently running between 3 per cent and 8 per cent of architects' gross revenue," he stated. "Often this means the difference between making a profit and going out of business. This is working an especially great hardship on smaller offices of 10 people or less, who constitute the majority of AIA's membership."

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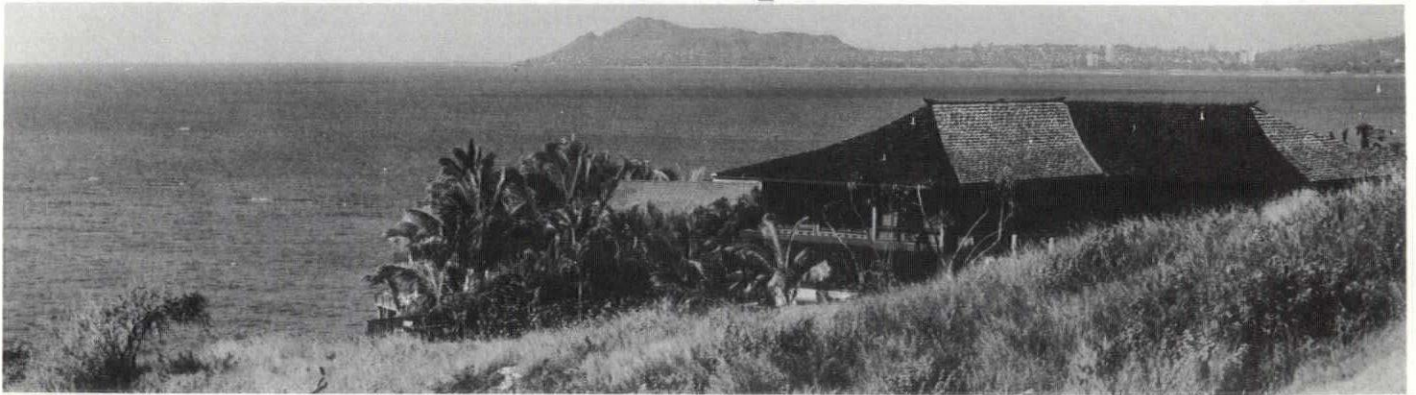
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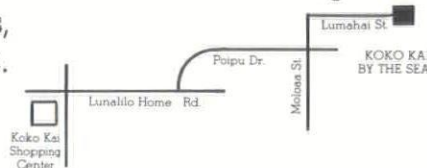
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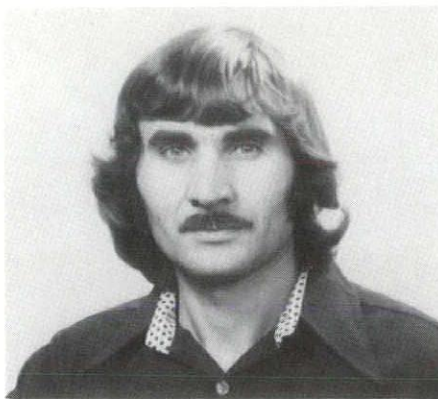
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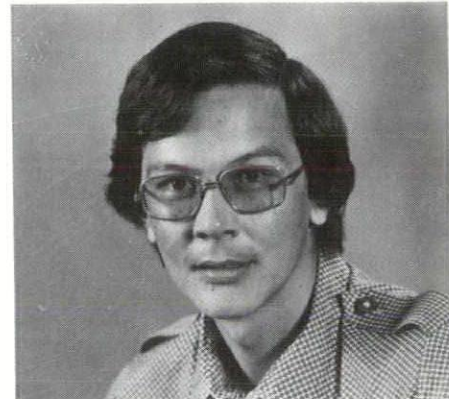
Galvanized metal lath & channel iron served as a base for these portland cement plaster formed termite nests. The lath framings were formed by lather apprentices in the school shop, transported to the zoo and placed by Jack Tropp and Jerry Marr. The plaster apprentices then completed the shapes of portland cement.

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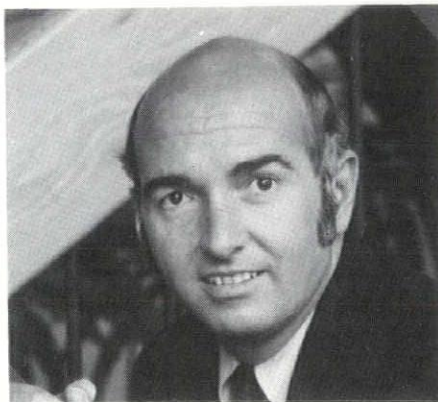
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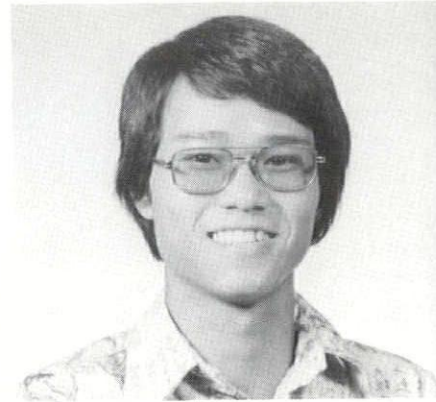
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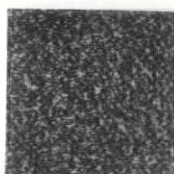
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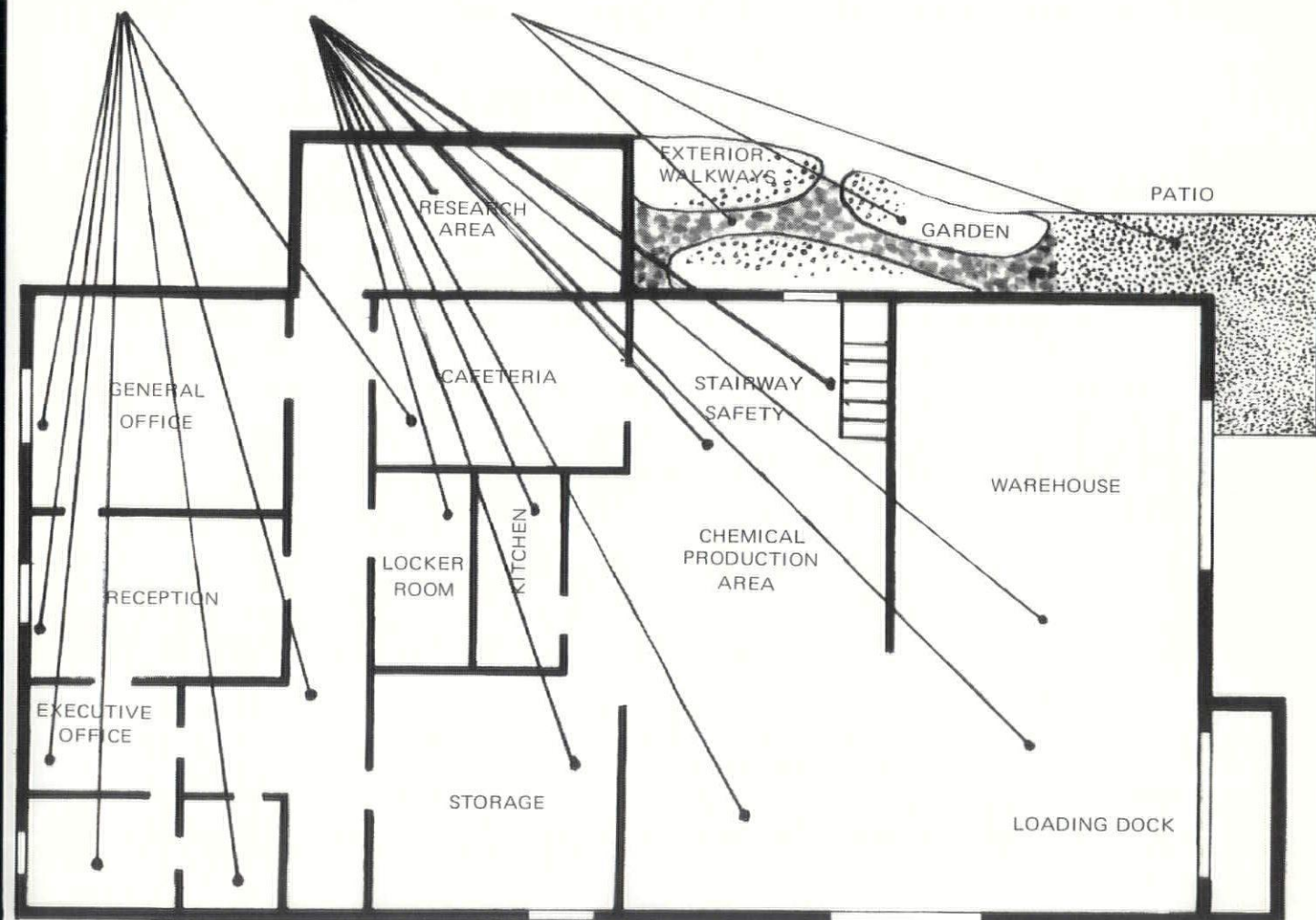
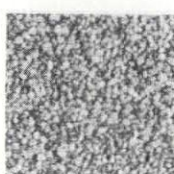
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