

Ke Kaha Ki'i

Monthly Publication
of the
American
Institute of
Architects



Hawaii Chapter
1210 Ward Avenue
Honolulu, Hawaii 96814

Mr. Alfred Preis, FAIA
State Foundation on Culture
and the Arts
P. O. Box 757
Honolulu, Hawaii 96803

Bulk Rate
U.S. Postage
PAID
Honolulu, Hawaii
Permit No. 1157

AP/ST

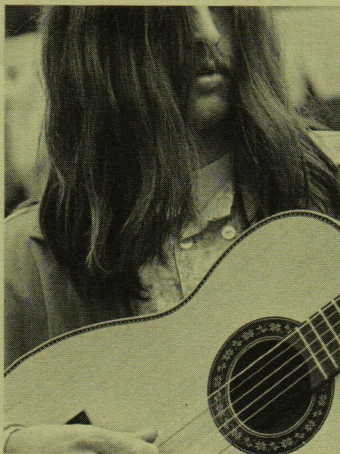
Ke Kaha Ki'i—A person who draws pictures or petroglyphs

DID YOU NOTICE?

The telephone booth at the Diamond Head end of Kalakaua near the water fountain?

OPEN LETTER TO THE MEMBERSHIP

This monthly publication belongs to you. Your comments on any portion of this newsletter will be welcomed. Address comments to Nannette at the Chapter office.



This month's Editor.....

now available — 1969 edition
Engineering, Planning Guides

**Lamson Pneumatic Tube Systems
Elevators by Dover
Raised Floor Systems by Westinghouse
Monorail, Hoists, Cranes by American Monorail**

SYSTEMS DIVISION— Design, Engineering & Installation

Edward R. Bacon Company

Affiliate of Alexander & Baldwin, Inc.

Phone 897-202

918 Ahua Street

APRIL, 1969

CALENDAR

This calendar will be a monthly item. It will contain meeting notices, public hearings and special events. If you wish to contribute, address the comments to Calendar, c/o the Chapter office.

April meeting will be held at Chico's Pizza Parlor at the corner of St. Louis Drive and Waiālae Avenue. Plans are being made to have the City's Leading Italian as guest speaker.

APRIL 17 - May 5 Hawaii Painters and Sculptors League Annual Exhibition. Contemporary Arts Center. Daily except Sunday.

May 14 Gwen Lux, winner of many sculpturing awards, will have a private preview of major new works at the Contemporary Arts Center. AIA members will be included in the guest list.

May 15-23 Above Exhibit—open to the public.

Don't Miss Any of the **Action!**

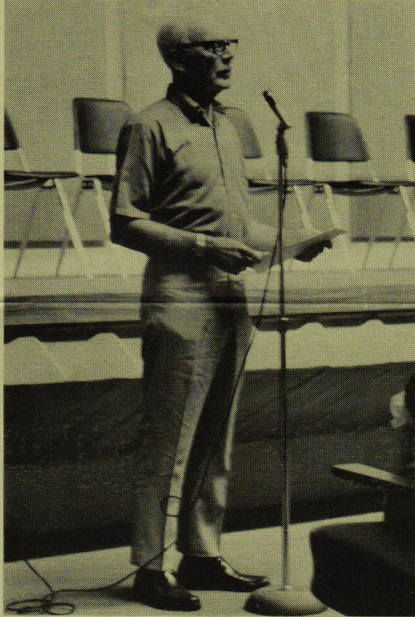
MARCH MEETING REPORT
The March meeting began with a box lunch on the grounds of Iolani Palace for a group of 135 persons, which included Hawaii AIA members and families, the Architectural Secretaries Association, and the Women's Architectural League.

The group was then led on a tour of the new Capitol

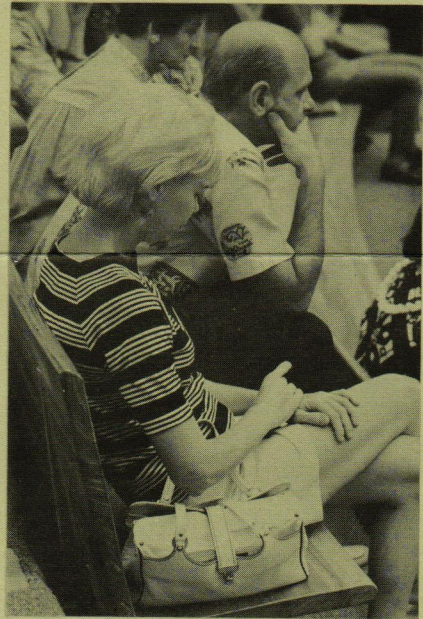
Building. Mr. Fred McWayne, Sergeant-at-Arms for the House of Representatives, personally conducted the tour and provided the group with a description of how the Capitol Building functions.

Mr. Cyril Lemmon, of Lemmon, Freeth, Haines and Jones, leading architect for the building, described the project

(continued on page 10)



THE CAPITOL





ZAP-IN



Photos by Steve Mori

NEED ENERGY?

USE THE SPACE-AGE FUEL ... GAS!

- *ECONOMICAL*
- *FLEXIBLE*
- *RELIABLE*

There are many new applications for the efficient use of gas. New low rates, too — as much as 50% reduction in some cases.

Honolulu Gas Company invites you to consult with graduate engineer R. H. "Bud" Barlow, our new manager, engineering services, for the latest in space-age gas energy applications. Call "Bud" at 537-5571 ext. 264.



An Equal Opportunity Employer • Serving All Hawaii
1050 Bishop Street
Isle Gas Division
Hilo / Kona / Waimea / Kahului / Lihue / Kaunakakai

EDITORIAL

By Lewis Ingleson, AIA

ARCHITECTURE IN HAWAII...?

Architecture in Hawaii combines Hawaiian, American and Oriental decor, in keeping with Hawaii's multi-cultural heritage, and blends it all to the idea of outdoor living. From this is gradually emerging a true "Hawaiian modern" concept.

Island homes are similar in many respects to those of other warm climate areas with spacious living rooms, lanais or verandas, bedrooms, bathrooms, modern kitchens, all with countless windows and sliding doors to catch the trade winds.

A few homes in Hawaii have the old New England look leftover from the early days when New England Missionaries arrived on the Polynesian scene. But this high-roof style is giving way to the sleek, streamlined modern version of practical living.

Cantilever construction, prestressed concrete and plastic skylights are popular with Island architects. They use redwood, said to be more termite-proof than most woods. Coral rock is still seen. Others use lava rock facades. Sisal and bamboo are employed.

Various residential districts have a distinctive flavor, such as the older section of Nuuanu and Manoa Valley, or newer ones such as Waialae-Kahala, with a variety of beautiful homes surrounded by wide lawns.

Hawaii has its share of handsome public buildings, such as the Board of Water Supply, and many attractive commercial structures enhanced by tropical landscaping.

Sad to say, the foregoing is the impression many tourists take home with them about architecture in Hawaii. It is condensed from *Here's Hawaii*, a guide found in many local hotels. It is accompanied by a photo of The Board of Water Supply Building and a ten-year-old photo of Kalakaua Ave.

WHAT IS STATUS?

Recently, Interstate Industries, Inc. launched a "new concept in executive office desks" with built-in TV receiver, two-state remote TV control, AM-FM clock radio, tape recorder, high-intensity lamp, telephone index, digital calendar, and memo compartment. Called the V.I.P. Electronic Desk, it has a retail price of \$1,295.00, complete with pen and pencil set. But for all its electronic energy, it may have been the wrong approach to the real status office. Lehigh's new executive office desk, selling a \$6,000.00 coolly omits all electronics. The desk drawer, however, operates very, very smoothly.

PLANNING

The recent Battle of Ala Moana between the miniplanes and maxi-apartments points up, in a micro-cosmic way, the problem of urban living, mid-century. How do we find the space for outlets without beating our neighbor, sensorially?

CREDITS

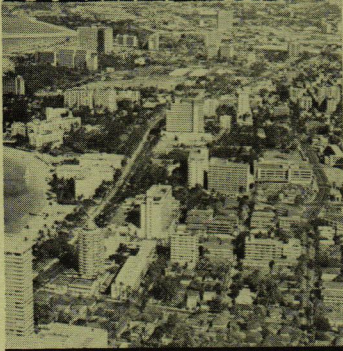
The editor would like to thank Architectural Forum, Marshall MacLuhan, Buzz-words, Inc., Hugh Heffner and any one else willing to admit they were remotely involved in putting this issue of KKK together.

HARK, THE GIRAFFE!

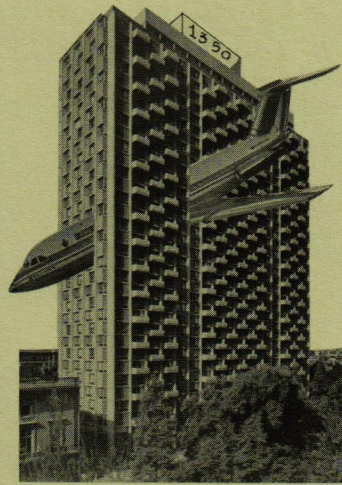
Our office has recently been designing several new and renovated exhibits at the Honolulu Zoo. In doing research for these

KE KAHAKI'I

OVERKILL....?



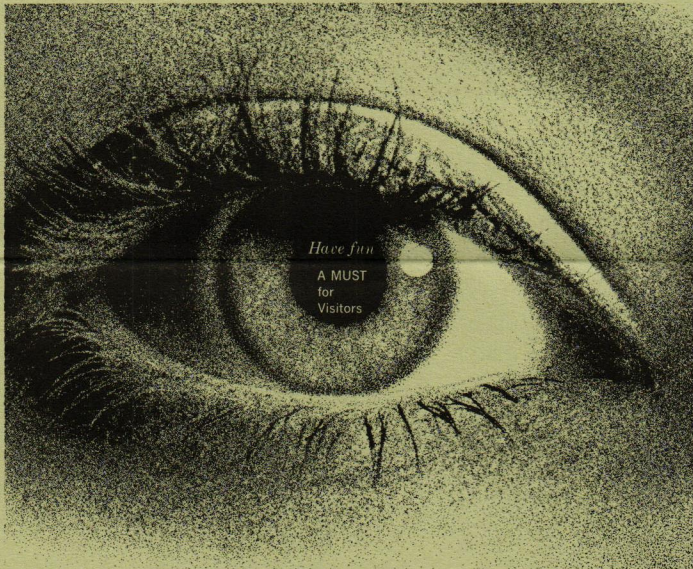
THE CRUCIAL ISSUE



"I KNOW, BUT DAMMIT, WE WERE HERE FIRST!"



SPACE OLD DAYS

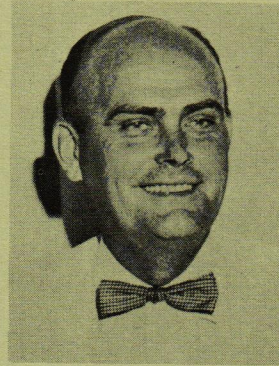


Have fun
A MUST
for
Visitors

projects, we were pleased to find a wealth of information available on the various animals to be exhibited. Details on environmental preferences, eating habits, care of hoofs and territorial imperatives are well-documented and easily available. As a matter of interest, we looked around to see if the same type of information is available to architect designing for humans. We

(continued on page 10)

APRIL, 1969



MULLING IT OVER with MOLLY

Reading time: 2:00

by E. S. (Molly) Mollenhoff

Well, the first edition of Ke Kaha Ki'i took off with a bang. The immediate acceptance took a few by surprise. But when you stop and think about it why should it? The need existed for some time.

Speaking of surprises, we have a new flooring that's caused quite a stir. It's called PERMAGRAIN flooring which is artificially petrified wood with plexiglass, instead of silica. The factory finish is a generally preferred satin matte, which can be easily converted to a gloss, if desired, by buffing.

Additionally, a wide spectrum of unusual colors and decorative effects are possible with Permagrain processing limited only by designer imagination.

An extremely long wear life resulting in an almost negligible annual amortized cost, coupled with low maintenance, place the annual cost of a Permagrain floor below that of all currently popular flooring materials.

The factory finish and easily handled 12 x 12-inch parquet tile assembly permit rapid, low cost installation and the "forever" finish permits deep scratches or severe marring to be simply removed by light sanding and buffing of only the affected areas.

The Permagrain floor's natural beauty will add elegance to any room or office.

Give me a call and I'll fill you in with the entire Permagrain story. Now, back to the drawing board.

HONOLULU ROOFING CO., LTD.

1392 KAPIOLANI BLVD.

PHONE 941-5041

Nixon Administration Tells Urban Policies to Architects, Engineers

Prefabricated building materials and new cities can house America in "interesting, livable neighborhoods," 500 architects and engineers were told.

Unions must not be allowed to block new products and Federal help plus cooperation among "fragmented suburbs" is required for the new towns.

In his first public policy speech, the new Undersecretary for Housing-Urban Development (HUD) said that the Nixon Administration will try to get more housing starts by controlling the Federal budget, easing inflation, and halting soaring home financing costs.

Richard C. Van Dusen, second in command of HUD, indicated support of most of

the urban policies of the Kennedy-Johnson Administration in his luncheon address at the Public Affairs Conference of The American Institute of Architects and The Consulting Engineers Council of the U.S.

However, he warned that inflation, which caused inadequate Congressional appropriations and high mortgage interest rates, has already chopped deeply into the goals of the Housing Act of 1968.

Instead of 2.6 million new houses and apartments a year, the U.S. is building only 1.6 million, Van Dusen reported.

The Nixon Administration hopes to fight the lag by "getting the Federal budget under control," thus easing

inflation, the former Detroit lawyer said.

Money is being diverted away from housing by the interest rate hikes, Van Dusen noted.

But, if this changes, he said, the housing industry might be as strong in the next 30 years as the railroads were 100 years ago as a factor in the U.S. economy.

New industrialized building systems and components could make housing boom, he predicted.

Unions "are not apt to be as resistant to innovations if the market is big enough to sustain and expand employment. And, expansion of the labor force and its increased productivity is the only answer to labor costs," the HUD official said.

Prefabricated materials in East St. Louis, Illinois, housing and California schools show evidence of great impact on the industry, Van Dusen added.

Van Dusen also pledged support for use of air rights to house city dwellers, better designed suburbs and slum clearance, cooperation among fragmented cities, and involvement of the state in Model Cities programs, and regional planning. The states

Luke Elected ICED-Hawaii 1st Chairman

Herbert Luke, president of Hawaii Chapter, AIA, has been elected as the first chairman of an organization called the Interprofessional Commission on Environmental Design of Hawaii (ICED-Hawaii).

The group is made up of architects, planners and engineers. The purpose of the organization is to assist members of the various professions in working out problems and in promoting better environmental design.

Member organizations in Hawaii are the Hawaii Chapter, AIA; American Institute of Planners; and American Society of Landscape Architects; the Hawaii Section, American Society of Civil Engineers; the Consulting Engineers Council of Hawaii, and the Hawaii Society of Professional Engineers.

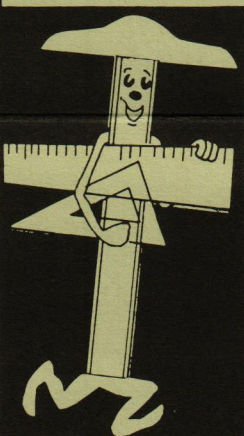
control highway location and this is a crucial force in city design, he noted.

Senator Edward J. Gurney (R-Fla.) urged amendment of the National Labor Relations Act to prohibit union boycott

(continued on page 7)

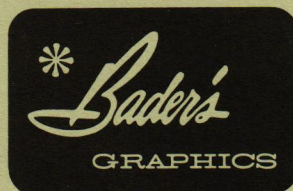
Graphic supplies

Supersource-



For an easier, faster job on renderings, charts and technical drawings Bader's has a complete stock of professional specialties.

Illustration boards, Chart Tapes, Dry Transfer Lettering, Symbol and Shading Films, Templates, Technical Pens, Airbrushes, Inks, Drawing Tables, Stools, Drawing Instruments.



1312 Kaumualii Street
Phone: 817-527

Specializing in

ARCHITECTURAL PHOTOGRAPHY

Black & White, Infra-Red and Color Examples on Request

Assignments anywhere in Hawaii

FRANK HALSTEAD

Phone 373-3467

Three Films Available For Selected Showing

Three films produced for the American Institute of Architects have been purchased by the Chapter for selective, well-planned use. Call the AIA office for information.

The films are an integral part of a coordinated effort being launched by AIA to increasingly speak out on public issues and make a contribution in helping to solve the urban crisis.

A brief description of the films follow.

"Right of Way" shows how highways can ruin cities and how through good design and relation to other elements in

the urban fabric, highways can be employed to improve urban areas. The 13-1/2 minute film makes a strong plea for balanced transportation systems and planning by design concept teams composed of architects, engineers, sociologists, government leaders and others concerned with the environment.

"The Best We Can Do," which runs 14-1/2 minutes, zeroes in on the large housing developments which have created wastelands of ugliness around most major cities. The viewer is then shown what good design can do to create

NIXON POLICIES TOLD (continued from page 6)

of products and building innovations specified by architects and engineers.

Unless this is done, he warned, "union feather-bedding" will halt new materials that can speed housing construction and lower costs.

Totally new cities planned from the start to include quality designed housing, jobs, transportation, and clean air and water were urged as an alternative to "suburban sprawl" and "the planned obsolescence of our cities" by Rep. Thomas L. Ashley (D.-Ohio) and other speakers.

Ashley promised that Congress will conduct thorough hearings on how the Federal government can help the new cities start.

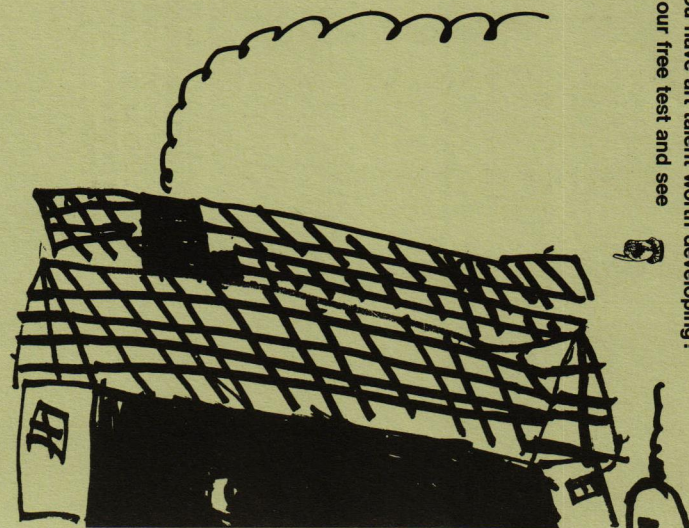
Growing cooperation between engineers and architects as a design team was lauded by Sen. Jennings Randolph (D.-W. Va.). He said that he will support separate national trust funds for

airports and rapid transit, similar to the Federal highway fund.

A national commission to study fees paid by the government to architects and engineers plus the nation's \$50 billion-a-year procurement system was urged by Rep. Chet Holifield (D.-Calif.). Policies and regulation are now seriously diverse and confused, he said.

The government also should be required to compile a "full and meaningful" list of all Federal-aid programs which cities, districts and schools can tap, said Rep. William V. Roth (R.-Del.). Such information now is obscure or readily available only to rich agencies which employ fulltime personnel to stalk the money, he said.

Ke Kaha Ki'i is published monthly by Crossroads Press, Inc., publishers of Pacific Business News, Taxes of Hawaii and other trade and professional publications, P. O. Box 833, Honolulu, Hawaii 96808. Telephone 531-4137.



Do you have art talent worth developing? Take our free test and see

new towns and villages, and a process for accomplishing this is outlined.

"The Noisy Landscape" enlightens viewers about the jungle of signs obliterating everything around them at the approaches to cities and in most business districts. The

13-1/2 minute film shows how signs and well-planned graphics can add to the beauty and uniqueness of the community, illustrates the difference between good and bad graphics, and describes a sensible process for sign control.

A FULLER PAINT AND GLASS SELECTION

Color matching is our specialty. 1032 colors to choose from. Available in all types of finishes.

Our quality glass products include plate and window glass, jalousies, mirrors, store fronts, aluminum sliding doors, shower doors and tub enclosures.



FULLER PAINT CO.

770 Ala Moana Blvd.
Phones: 533-3871, 537-6902

CONTRACT DIVISION

Discover the convenience of this great contract source. Years of outstanding leadership combined with quality merchandise offer the architect complete selections of carpet for tract homes, condominiums and apartments, clubs and hotels. Appointed distributor of Alexander Smith Carpets.

C.S. Wo & Sons

531-2051 ext. 47 Neighbor Islands Call Collect
Located in Executive Offices, 702 S. Beretania

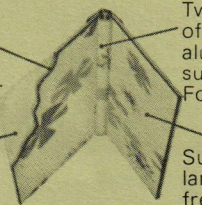
The one-day wall. New FORMICA® brand Panel System 202 makes it easy.



Covers any structurally sound wall . . . goes up in a day . . . or less! Perfect anywhere moisture is a problem, does a great job of eliminating tile upkeep, too. Forget loose, dirty grout . . . for remodeling, Panel System 202 can be installed right over tile. Smooth surface cleans with a damp cloth. 18 patterns and colors match walls and vanitory for total decorating effect.

Center core of foam conforms to slight irregularities in subwall for smoother installation.

Extra strong backing sheet for permanent bonding to subwall.



Two-piece trim molding of heavy gauge extruded aluminum. Exposed cap surfaced with matching Formica laminate.

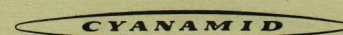
Surface of Formica laminate is maintenance free, won't chip, crack, discolor; wipes clean with damp cloth.

MIDPAC LUMBER CO., LTD.
P. O. Box 1719 / Honolulu, Hawaii
CALL 899-311, Ext. 262

There are other brands of laminated plastic but only one



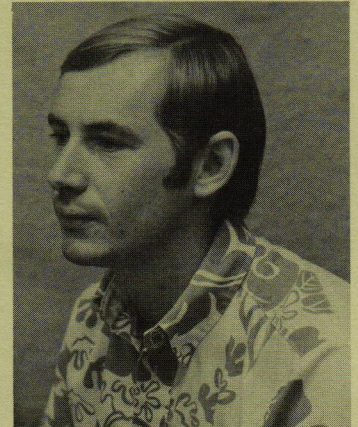
laminated plastic



Leadership by design

Formica Corporation subsidiary of

PEOPLE



John Robert Carrodus

John Robert Carrodus, has been elected as a new Associate Member of the Chapter, according to an announcement made by Joseph G. F. Farrell, Secretary.

Mr. Carrodus, an Australian citizen, studied at the University of Melbourne and graduated with a B. Arch. degree in 1968.

He is presently employed by the firm of Wimberly, Whisenand, Allison and Tong.

SPECIAL RECOGNITION goes to Tom Lee, Designer for the design of the Masthead for the Bulletin, Ke Kaha Ki'i.

APPOINTMENTS

Lewis Ingleson, Chapter Treasurer, and Mrs. Fredda Sullam, have been named by Mayor Frank F. Fasi, to serve on the City Planning Commission.

Lew was formerly an instructor in architecture at the University of Hawaii and has served on beautification committees of the Chamber of Commerce of Hawaii and on the Model Cities Advisory Board.

Mrs. Sullam is the wife of AIA member, Edward Sullam. She belongs to Hawaii Nani Loa and the Save Diamond Head Association.

AIA/CEC Public Affairs Conference

Mr. James B. Wilson, President of the Consulting Engineers Council of Hawaii, recently returned from the second annual Public Affairs Conference in Washington, D.C. March 19-20, sponsored by the Consulting Engineers Council of the United States and The American Institute of Architects.

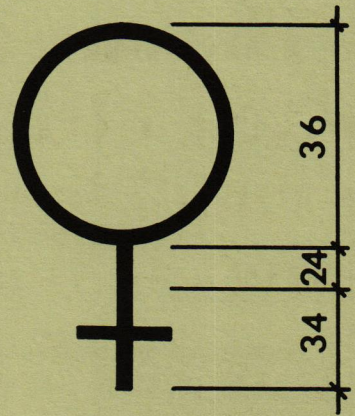
At the conference, Jim

Wilson, along with engineers and architects from across the country, met with Senators, Congressmen and Federal Agency officials who provided first-hand reviews of key bills and government programs affecting the designers.

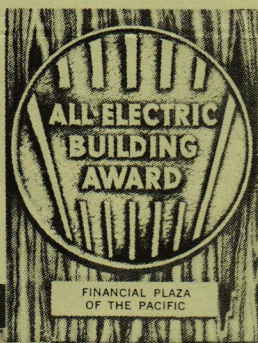
Mr. Wilson, while in Washington, met with Representatives Patsy Mink,

Spark Matsunaga, and Senators Dan Inouye and Hiram Fong to discuss problems pertinent to Hawaii. Among the subjects discussed was the degree to which the Federal Government competes with private enterprise.

(A complete text of the two-day meeting is available at the AIA/CEC office.)

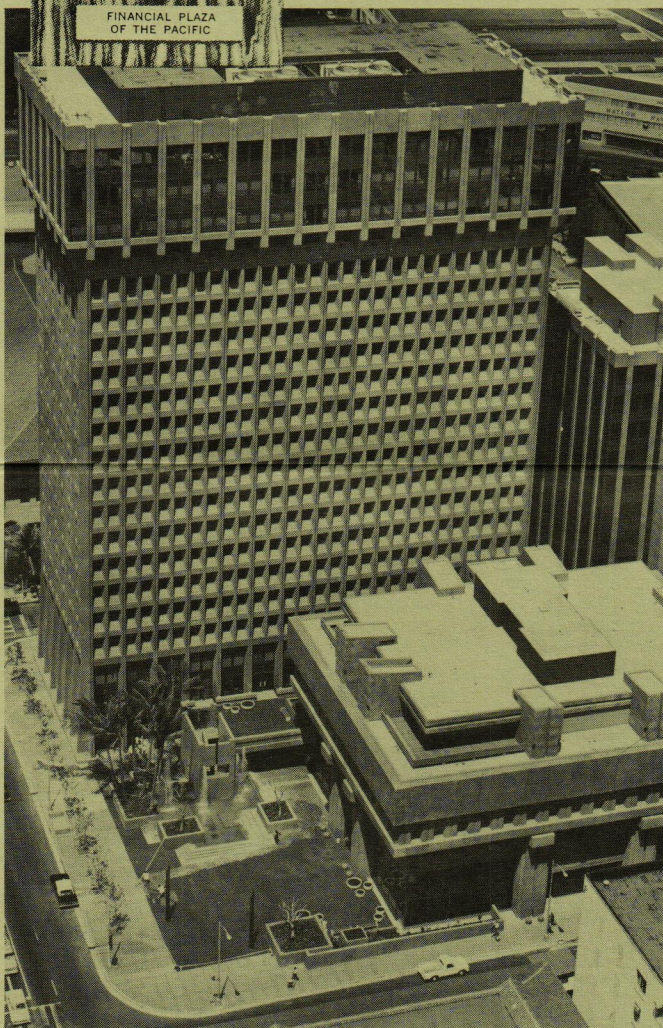


PLAYMATE



World's largest commercial condominium wins industry award...it's

All-Electric



The Financial Plaza of the Pacific is the first project of its kind to be undertaken in the United States. Valued at \$22 million, the three-building project has a combined gross area of 533,000 square feet. Yet, the buildings, located in downtown Honolulu, occupy little more than half the city block on which they stand. The remainder is given over to fountains and a garden courtyard for the pleasure of all our citizens.

It is a bold modern and progressive complex. And it was natural that electricity be chosen to serve its power needs.

The Financial Plaza is served by 1,600 tons of electric air conditioning. (That's the cooling power of 3.2 million pounds of ice every 24 hours.) Electricity keeps 900 gallons of hot water ready for instant use. The cafeteria kitchen in the complex is all-electric, too. And modern, well-planned, certified lighting is used throughout. In recognition of the comfort, convenience and modernity of the entire complex, the industry's All-Electric Building Award has been received by the five participants:

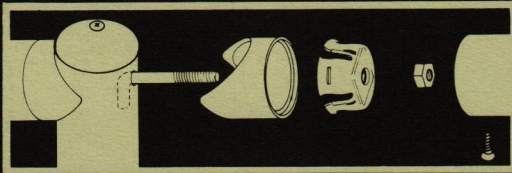
- American Savings & Loan Association
- Bank of Hawaii
- Castle & Cooke, Inc.
- Territorial Savings & Loan Association
- Wilcox Development Corporation

Developer: Oceanic Properties, Inc.

Hawaiian Electric



ReynoRail*



A New Concept in Railing For Industrial and Commercial Application

- Completely eliminates welds
- Minimum of maintenance
- Easy assembly and installation
- Anodized for corrosion resistance
- Clean, functional appearance
- Low cost and rugged strength

Uses a few standard, interchangeable fittings

For detailed information on ReynoRail* Aluminum Railings

call or write

Ph. 852-291

lacy steel inc.



* PATENT APPLIED FOR

110 Puuhale Rd. / P. O. Box 1328

EDITORIAL (continued from page 5)

discovered that we know and document more information on animals in the zoo than we do ourselves.

Apropos of this, you might find two paperbacks interesting, both by Erving Goffman. *"Interaction Ritual"* describes human behavior in face-to-face situations, while *Behavior in Public Places* describes activities in group situations. People in elevators act strangely, almost a ritual dance.

A POEM

Marshall MacLuhan,
What are you doin'?

NOT BUSY ENOUGH?

If you find yourself with spare time on your hands, you might be interested in a new program of grants available in the area of environmental design. Up to \$5,000.00 for individuals is available. Write to The National Endowment for the Arts, Architecture and Design Programs, 1800 G Street, N.W., Washington, D.C. 20506SPARE TIME?

CALENDAR (continued from page 1)

from its beginning design the Central Court while criteria through final design. firemen worked to repair the

One unplanned faulty system, then meeting demonstration was the resumed.

accidental activation of the After a tour of the central fire alarm system. The Governor's offices the meeting entire group was evacuated to was adjourned.

Our New Services Exclusively for Architects!



A complete catalog library with the widest selection of quality, styles and price levels in contract, commercial and custom furnishings for hotels, condominiums, furnished apartment or hotel-apartment projects, office buildings, restaurants and institutions.

An inspirational showroom, with representative furniture settings changed weekly, showcasing the newest contemporary designs and materials as well as traditional.

Professional help to assist you in writing specifications, figuring cost estimates for you, helping you schedule deliveries and installation, providing you with presentation boards, samples and swatches.

Call us anytime you need help!

tipdavis

1717 Kalani St., Honolulu, Hawaii 96819 • Phone 817-566

For Everything in Commercial Furnishings