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# Hawaii Architect 11/74

Journal of The Hawaii Chapter  
American Institute of Architects





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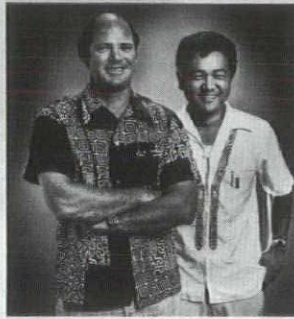
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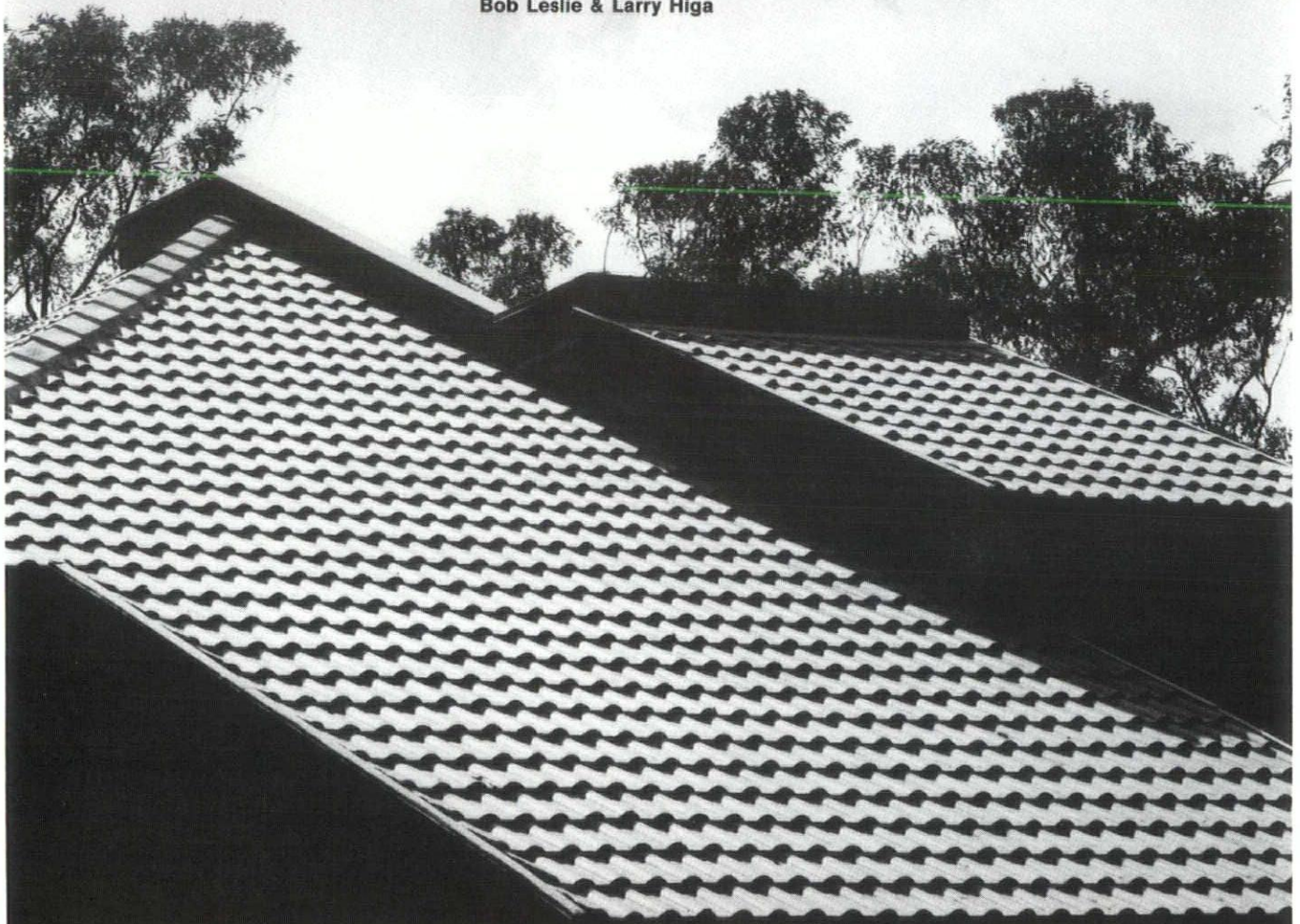
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# Hawaii Architect 11/74

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## Contents:

### Hawaii Chapter AIA — Honor Awards 1974

4



### Two Laws That Affect Architects Strategies for Energy Conservation A Unique Talent

13  
16  
22



### New Law Requires Employee Medical Coverage The American Arbitration Association 5th Anniversary for the Hawaii Community Design Center Book Review General Plan Review New Handbooks

26  
26  
27  
28  
30  
32

## Departments:

### New Members Letters to the Editor

8  
11

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Photo Julius Shulman

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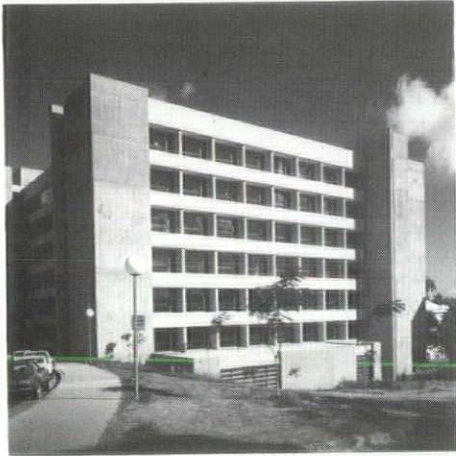
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# Hawaii Chapter AIA Honor Awards 1974

Honor Award (cover picture)

Porteus Hall, University of Hawaii Social Science Facility, Honolulu, Oahu  
Ossipoff, Snyder, Rowland, and Goetz Architects



**Jury Comments:** "... must be visited to be understood ... well disciplined use of very small site."

"... simplicity and directness ... reinforces the coherency and unity of its portion of the campus."

"... careful siting ... impressive spaces."

"... a fine building ... nice detailing, good colors."

"... excellent handling of difficult site ... good relationship to other buildings ... restrained, unified ... proves that very good architecture is possible with the government as client."

Honor Award:

Hawaiian Regent Hotel, Honolulu, Oahu  
Charles J. W. Chamberland and John Tatom



**Jury Comments:** "... sensitive plan development ... imaginative and elegant landscape ... takes advantage of mauka-makai views ... avoids Las Vegas look."

"... well conceived and executed base levels of shops, restaurants, meeting rooms, and courtyard ... richness and intimacy not often found in hotels."

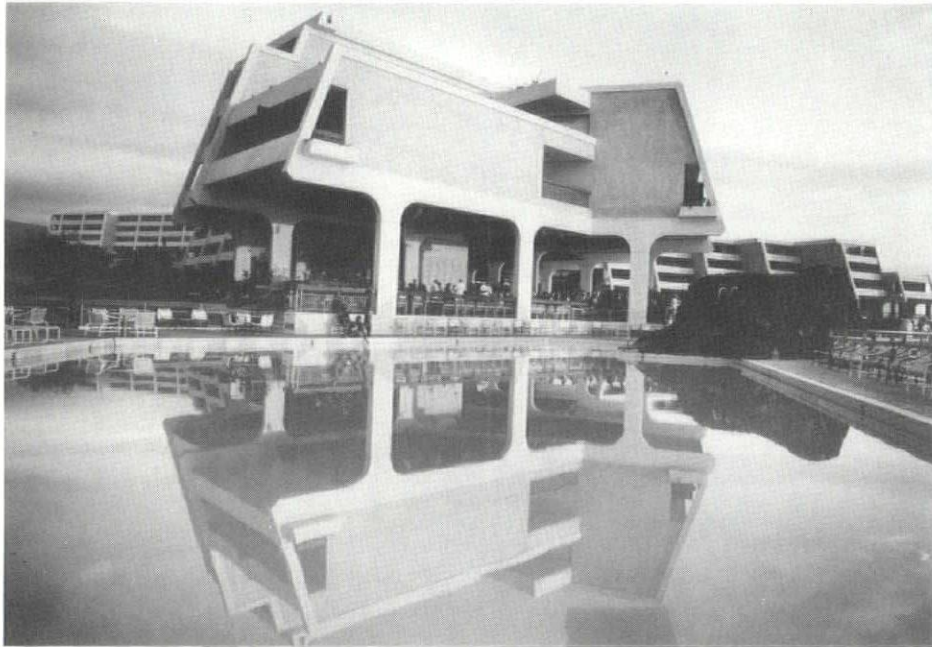
"... the tower is restrained and competent."



**Jury:** Steve W. G. Au, AIA, Au, Smith, Haworth and Associates, Ltd.  
Betsy Ross Marcinkus, AIP, City & County of Honolulu, Dept. of Land Utilization  
George S. Walters, ASLA, George S. Walters & Associates, Tacoma, Wash.  
Robert B. Price, AIA, Robert B. Price  
Alfred Preis, FAIA, Foundation on Culture and The Arts, State of Hawaii

---

**Honor Award:**  
Kona Surf Resort, Keauhou Bay, Kona, Hawaii  
Haines Jones Farrell White Gima Architects, Ltd.



**Jury Comments:**

"... a fun place to stay ... differing views, staggered rooms, planted court ... lush plantings."

"... an excellent example of resort accommodations geared to other than the carriage trade ... low profile ... graciousness."

"... wild, rugged response to a wild and rugged site ... orientation to ocean and lava flows is outstanding."

**Honor Award:**  
Island Federal Savings & Loan, Kaneohe, Oahu  
Group 70 Lab



**Jury Comments:**

"... a delightful place to work and do business in ... modest yet imaginative ... good graphics and planting."

"... a very pleasant building ... I like it."

"... a little gem ... visual excitement and an innovative environment in which to work."

"... maximizes interaction between employees and customers ... community room available at all times to community is great."



# Honor Awards 1974 Continued

Honor Award:  
Bank of Hawaii Annex, Honolulu, Oahu  
Charles R. Sutton and Associates



**Jury Comments:** "... excellent renovation of an obsolete building ... good sense of color."

"... imaginative solution... simple building... care given to landscaping."

"... a fine example of using a structurally sound building rather than demolishing it... a skilled architect and landscape architect. Good relationship with top floor. This project should be used to demonstrate the wisdom of renovation."

"... dissolves the original bulkiness... joyous use of color... a visual oasis."

Honorable Mention:  
Fronk Clinic Renovation, Honolulu, Oahu  
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**Jury Comments:** "... not only are all medical needs exceptionally well provided for, but the subtle and variable emotional needs have been met with insight and empathy."

"... a partial remodel... excellent core plan... good elevations."

"... interiors are rich in colors, textures and spaces."

"... difficult task... exceptionally clear spatial organization."

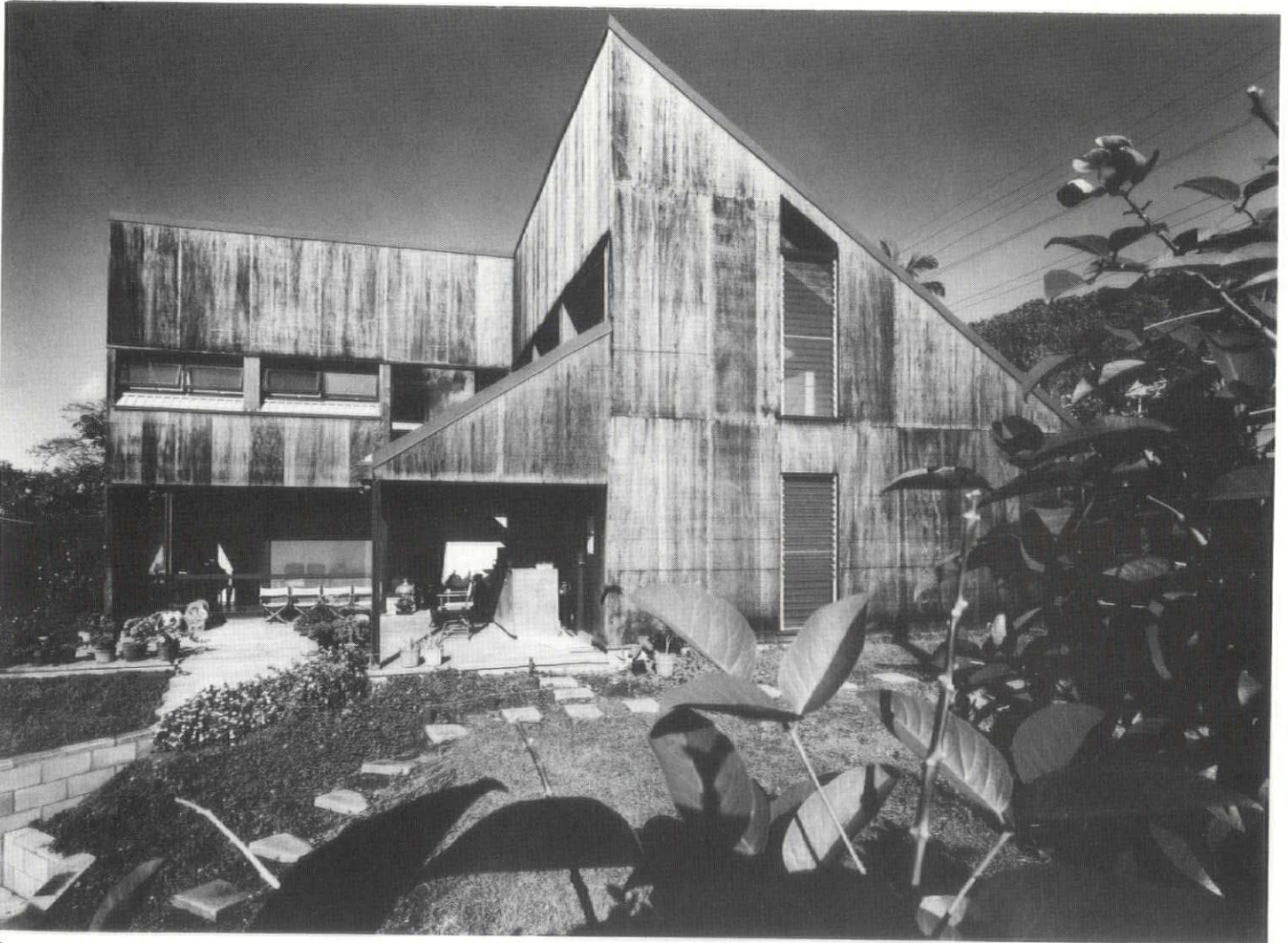


## Residential Category

Honor Award:

George Yim Residence, Manoa, Oahu

Charles J. W. Chamberland



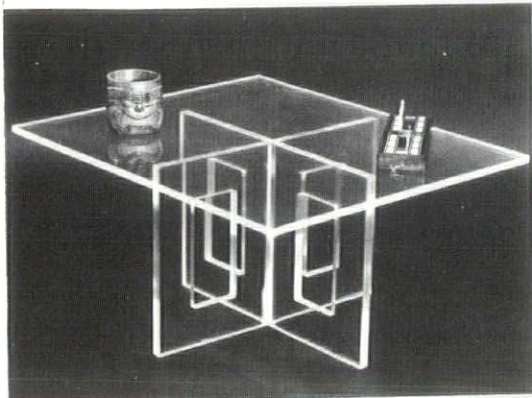
**Jury Comments:** "... clean, simple ... good response to function ... good orientation."

"... unpretentious and casual life style ... particularly significant in view of budget."

"... simple but expressive form ... interesting entry to a downhill lot."

"... varying spaces ... exciting ... simplicity."





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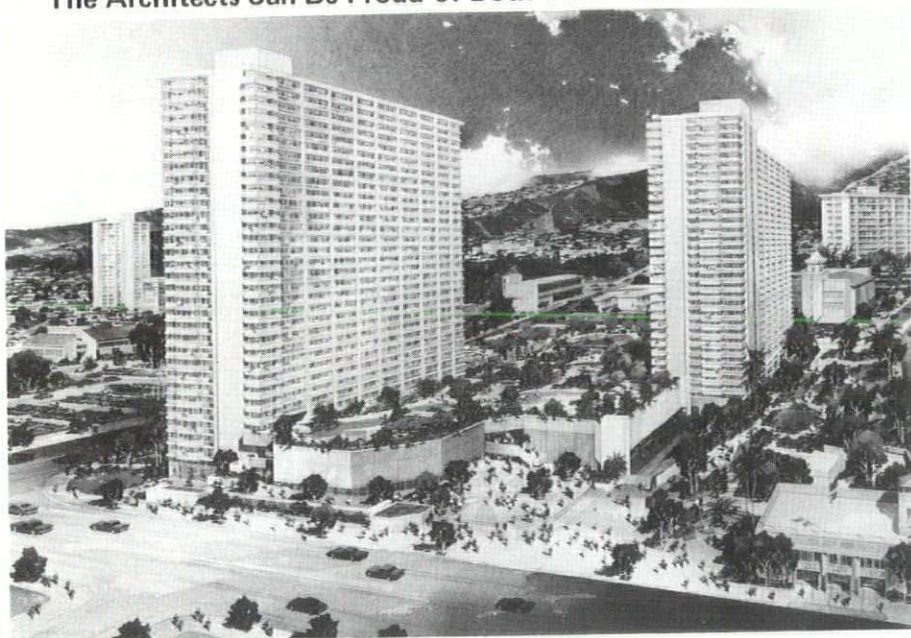
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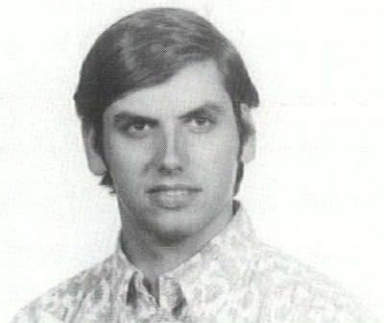
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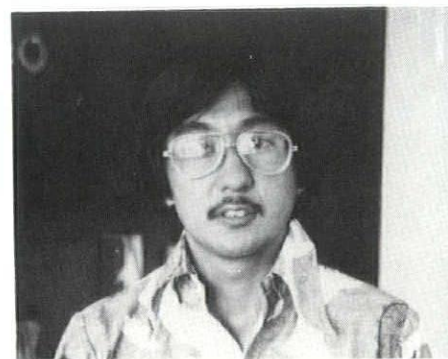
## New Members



**KEITH ERIC JOHNSON.** Corporate member; Ossipoff, Snyder, Rowland & Goetz. B. Arch., U. of Oregon, M.S., Columbia U. School of Architecture. Wife: Constance A. Hassell. Hobby: Rugby Union Football, playing member, Hawaiian Harlequin's Rugby Football Club.

**WARREN A. RADFORD.** Corporate member transferred from East Bay Chapter; candidate for M.P.H., School of Public Health, U. of Hawaii. B.A. Harvard; M. Arch. Harvard School of Design. Wife: Georgia. Children: Geoffrey 19, Catherine 12. Hobbies: hiking, Sierra Club, sailing.

**GLENN J. SUZUKI.** Corporate member; self-employed. B.A. in architecture, U. of Hawaii; U. of Kansas. Wife: Beverly.

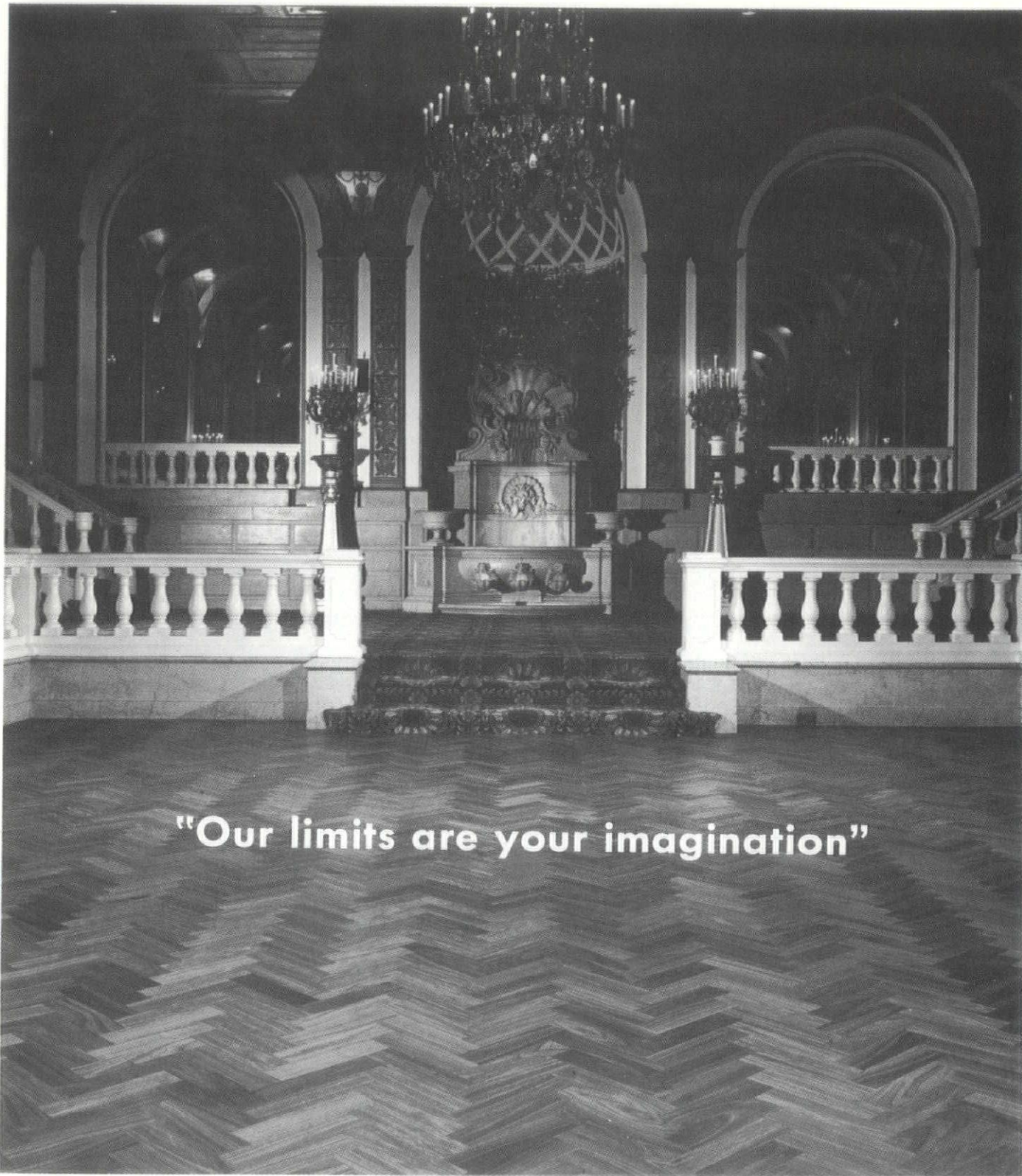


**RONALD H. MAEDA.** Associate member; Wimberly, Whisenand, Allison, Tong & Goo. B. Fine Arts, U. of Hawaii. Single. Hobbies: fishing, tennis.



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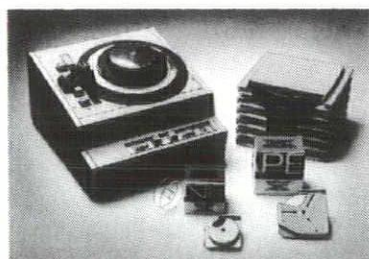
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#### ARCHITECTURAL PHOTOGRAPHY

By RAY CAIN

Shift the palm fronds over to conceal that stark facade... (snap-snap) now lean those branches over to add some interest to that dull window line (snap-snap) OKAY... now hold that pot of ground cover in front of the funny looking foundation. (snap-snap). Great show, now lets move on to photograph the next award winning bit of architecture.

## Letters to the Editors

Editor:

Carol Shradel's column in the Hawaii Architect "How to Squeeze a Lemon" is irresponsible journalism.

The "big lemon", as she refers to the Sheraton-Waikiki, is Sheraton's most successful hotel in the entire worldwide Sheraton system.

The hotel was not built for fast sale and big profits as columnist Shradel implies. And the inference that Japanese investors "bought it" meaning a poor hotel is, as I have said, totally erroneous.

Sheraton is always prepared to take fair and honest criticism. But to read such drivel in a profes-

sional magazine has us, to say the least, aghast.

SIMON B. CARDEW

Vice President and  
Director of Public Relations  
Sheraton Hawaii Corporation

Editor:

The October issue of Hawaii Architect carried an article by Carol Shradel, "How to Squeeze a Lemon." In it Ms. Shradel says "The City sponsored housing over the Kapalama Canal has got to be the ripest smell since the filling in of Salt Lake."

What does she mean? What is

Continued on page 14



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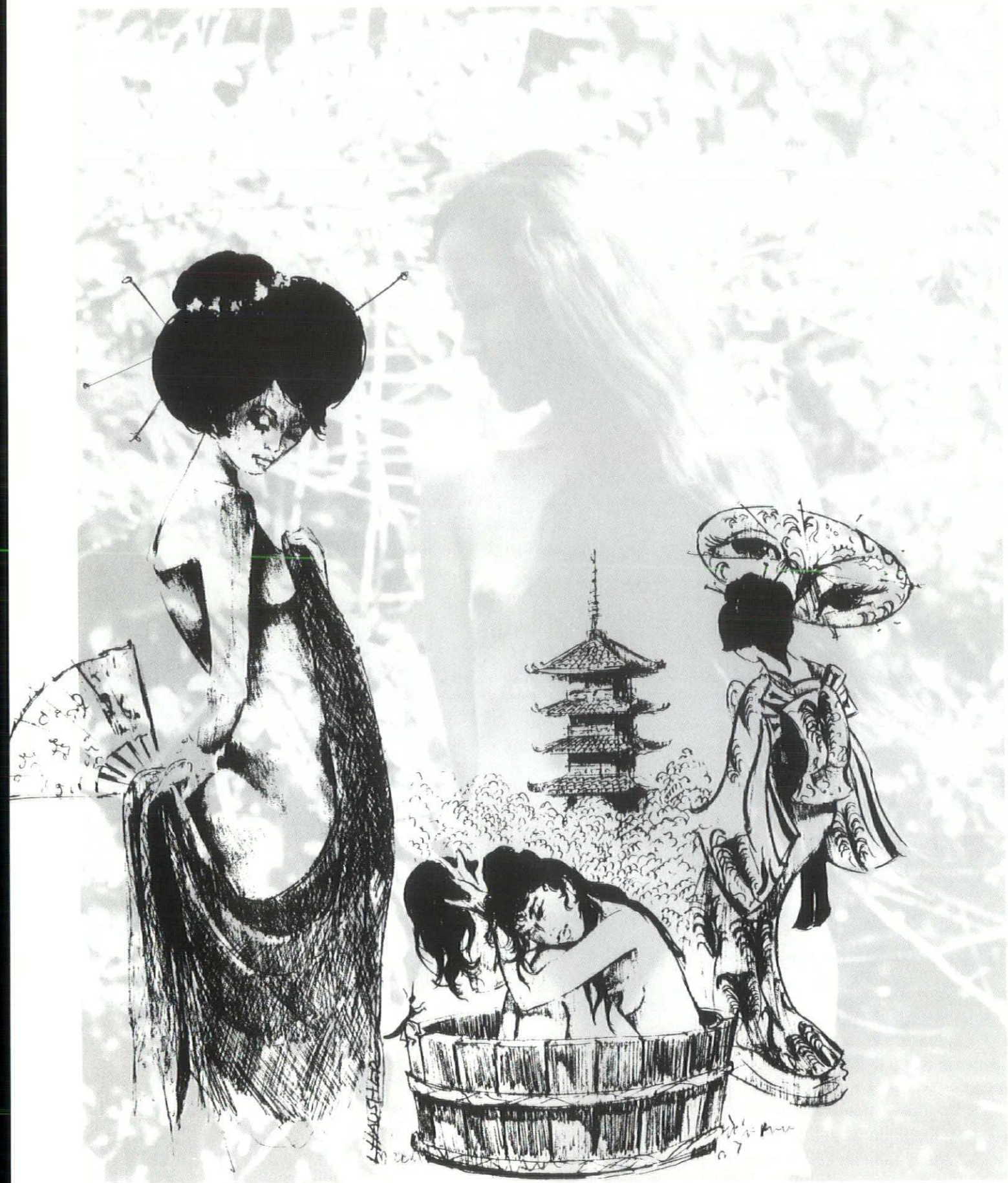
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by Gerry Hauser

Hawaii Architect



# Two Laws That Affect Architects

## Statute of Limitations:

In September 1973, the Supreme Court of Hawaii, in the *Fujioka vs. Kam* decision, threw out the existing statute of limitations law. The basis of the ruling was that, while the law protected the architect, engineers, and contractors, it did not give equal protection to the owner and lessee, and was therefore discriminatory.

Faced with open-ended liability, the members of the construction industry, the Construction Industry Legislative Organization, the Consulting Engineers Council of Hawaii, the Hawaii Society of Professional Engineers, the Structural Engineers Association of Hawaii and the Hawaii Chapters of

the American Society of Civil Engineers and the American Institute of Architects coordinated their efforts and backed an amendment to the law which appears to meet the court's objectives. The bill, SB 1802-74 was passed by the Legislature and signed into law by Acting Governor George Ariyoshi.

As revised, the law now provides:

1—Limitation of action for damages based on construction.

2—Limitation of action for damages to property, real or personal, and for personal injury or death.

3—Protection for owner, lessee, architect, engineers, supervisors of

construction, and contractor.

4—Limitation of any action to no more than six years after the completion of construction.

5—Limitation of any action to not more than two years after the cause of the action.

6—The law does not apply to surveyors for their own errors in boundary surveys.

The prompt reaction to a need, development of a solution, work with the Legislature to show the need and value of the proposed bill, and prompt passage of the bill can be attributed to a solid cooperative effort by all the groups of the construction industry.

## Penalties for Licensing Violations

Act 120 to casual observation appears to be another of the myriad of laws passed each year which seem to have no particular point. Closer scrutiny, however, reveals that it is of particular interest to architects. It states:

"...any person who furnishes commodities or services for which a license is required...without having such a license is engaged in an unlawful act...and shall be subject to the penalty...of not less than \$500 nor more than \$2,500 for each unlawful act...in a civil suit brought by the office of the consumer protector."

This means that anyone practicing architecture without a license is in violation of a law with enforcement provisions.

The key is the enforcement provisions. Previously violation of the licensing law was reported to the Department of Regulatory Agencies, where it inevitably died, since the provisions for enforcement were very vague.

The enforcement is now clear. Anyone having knowledge of a violation of the law reports it to the Department of Regulatory Agencies and to the Office of the Consumer Protection.

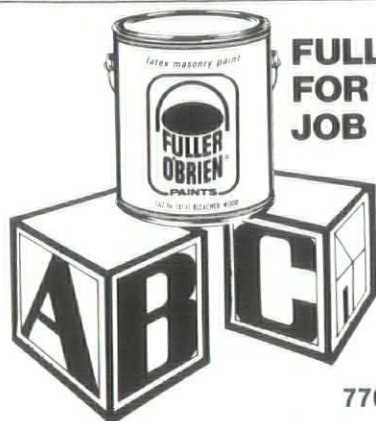
It is important to provide as much documentation as possible. What was the nature of the representation? When? Where? To whom? If possible provide a copy of letters, advertisements, etc., with dates and sources. The Department of Regulatory Agencies

will issue an order to cease and desist. The Consumer Protector can initiate a lawsuit. The Ethics Committee of the AIA is leading these actions for the AIA.

Actions under investigation at this time include firms listed in the yellow pages of the telephone directory under the heading "Architect," but which do not have a licensed architect in an ownership position, a firm which has solicited business by direct mail to contractors, and a firm described by a construction industry publication as doing several millions of dollars of construction.

A long needed step has finally been taken.





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## Letters to the Editors

from page 11

she accusing us of? How do we respond?

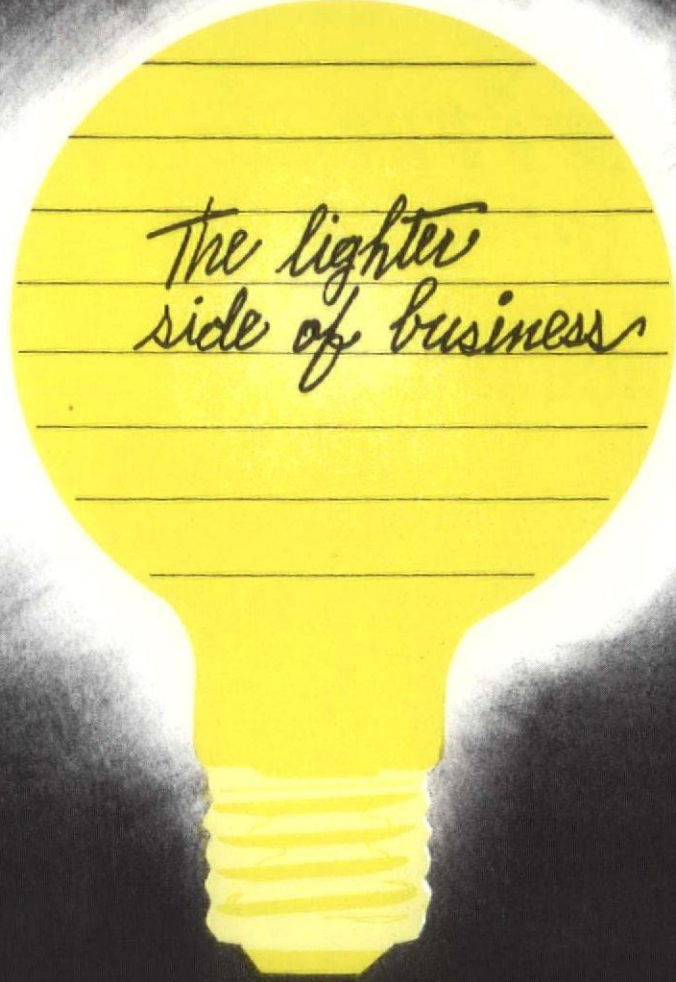
This is not responsible journalism. The HRA is not afraid of criticism founded in fact, but this is of the "when did you stop beating your wife" type.

In spite of the disclaimer in the masthead, Hawaii Architect does, in the eyes of the public, speak for the architectural profession. Considering the quality and stature of the Hawaii Architect, we are very disappointed to find this sort of writing included.

Robert Devine  
Honolulu Redevelopment Agency

**Editor's Note:** Since the beginning of our involvement with the magazine, we have consciously and consistently stood by two principles. 1—That we would not exercise editorial control over the content of articles. 2—That we would not avoid controversy. Guided by these, we decided that we would run Ms. Shrader's article, even though we ourselves felt uncomfortable with it. After consulting with several people whose journalism opinions we value, we feel that the opinions expressed by Devine and Cardew that the article is not responsible journalism, are justified. This has brought to our attention a new set of concerns, beyond those of content and writing quality. We, like HRA, do not mind criticism. It's nice to know someone's reading the magazine.





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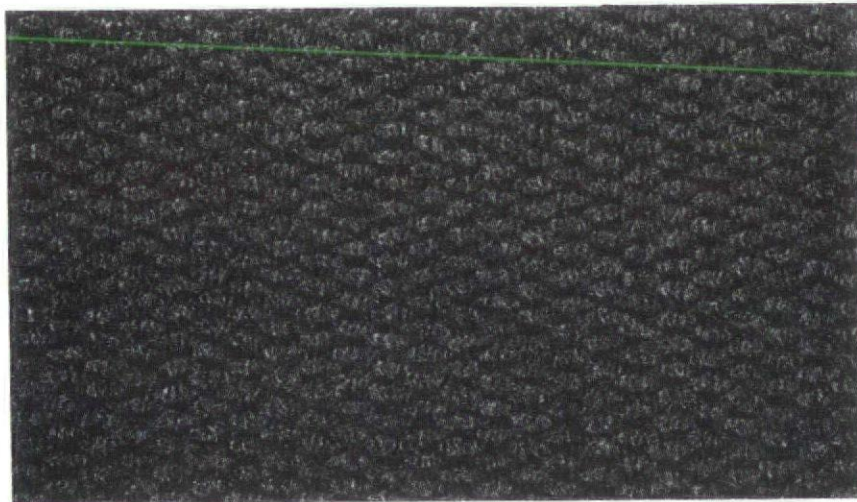
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## Strategies For Energy Conservation: AIA Testimony

by Sid Snyder

On behalf of the Hawaii Chapter AIA I am pleased to give to the Public Hearing some views and concerns of the architectural profession. Addressing remarks to "Strategies for Energy Conservation Reducing the U.S. Demand for Energy" will be the thrust of what is said here.

### Credibility of Hearing

Being held at various places around the country, the October 11 and 12 hearings in Honolulu are part of a San Francisco hearing. Many people, some corporate, some community and some professional like myself are giving a good deal of energy to be here. Important here is that the government acts now to stimulate this activity and ensure that such input as is now being made in Hawaii is evaluated, organized and solidified in meaningful ways to become effective. Otherwise, we would not be here, acting in good faith that our concerns will be followed through.

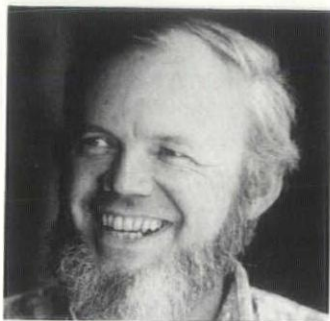
Two ways to gain follow-through would be (1) feedback from FEA to participants and others directly, and thru media information about developing strategies and (2) development of programs on local levels set up to implement recommendations made here and incorporated into strategies.

In other words: follow-through and action. Early 1975 is not too soon.

### Costs of Man-Made Objects

There are two costs known: first cost and operating cost. The factors we need to consider: first cost are: cost of product; life of product, desired and probable.





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method of payment, short, cash, long-term maybe 20 to 30 years, total cost, including finance charges; stimulus, particularly governmental constraints and opportunities, tax incentives, bonus in regulations governing building anything, favored financing, low interest, extended terms, regional programs; and energy used to produce object, relate energy into life of a product.

Beyond first cost are the operating costs. Key ones might be: maintenance, high or low; suitability, will it be appropriate, fit the life-style of the users for an extended period of time, do people like the object; aesthetic, is it pleasing regarding smells, touch, textures, cleanliness, color, wholesome, etc.; and energy to operate.

Other costs to be considered, that is energy costs, need to include transportation where an estimated 25 per cent of all energy is used.

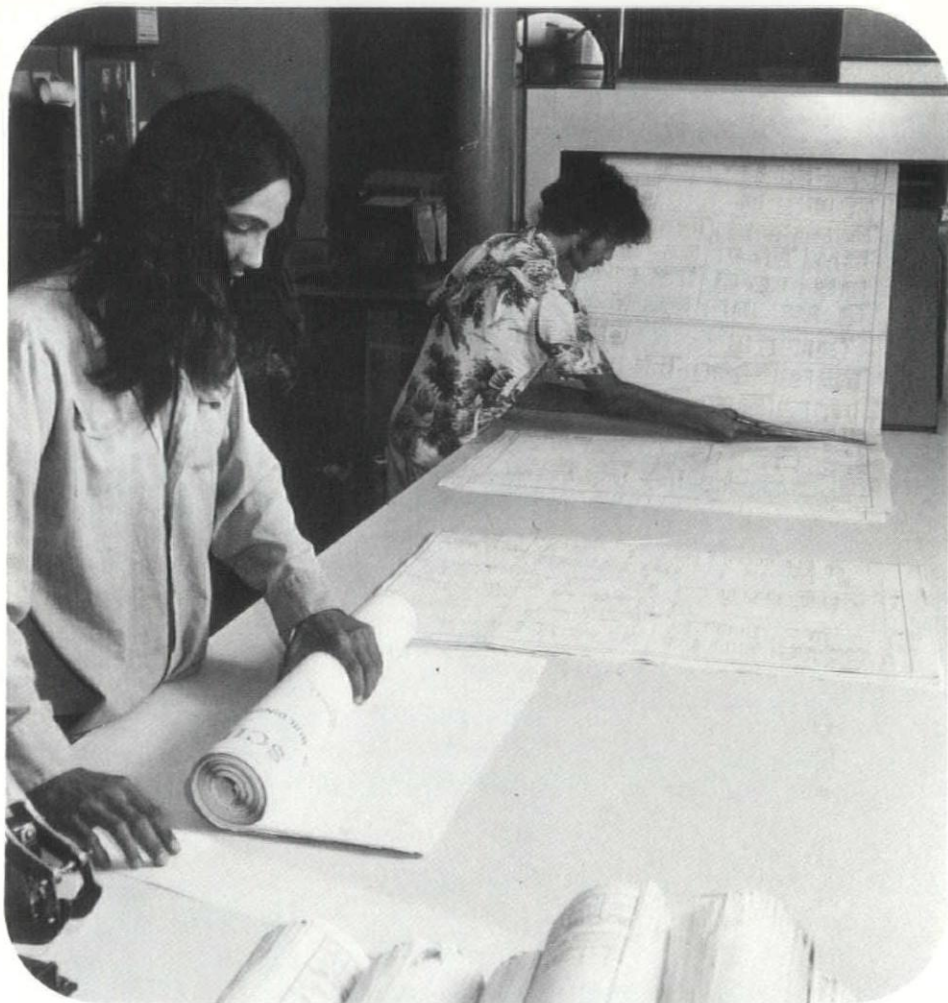
Considered here would be:

1—Human effort, time related to using any transport — is the transport related to human well being, safety good uses of the human energy?

2—Cost of transport. No matter who pays, the cost is there. Typical costs include building roadways, supporting structures, financing.

3—Land use and loss of open space or agricultural lands or housing space is crucial for all are used up and permanently committed. If given for free, then the gift need be a serious and well-understood need made by all the people to a new use.

Continued on page 34



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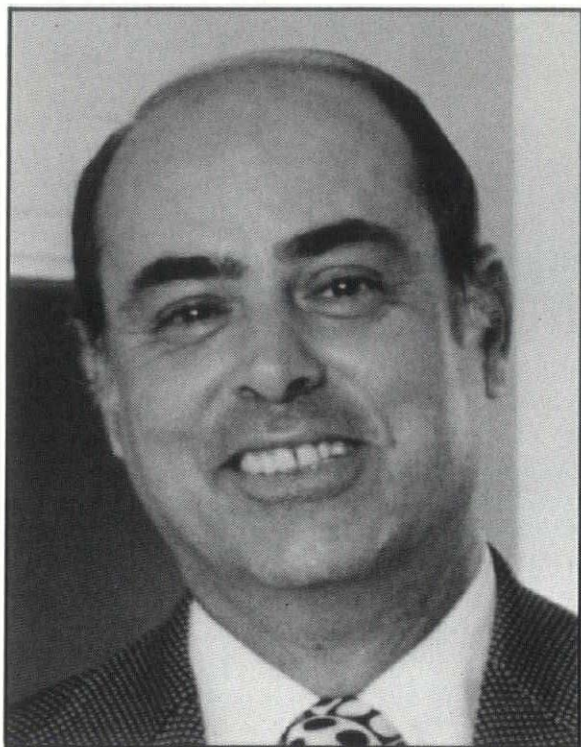
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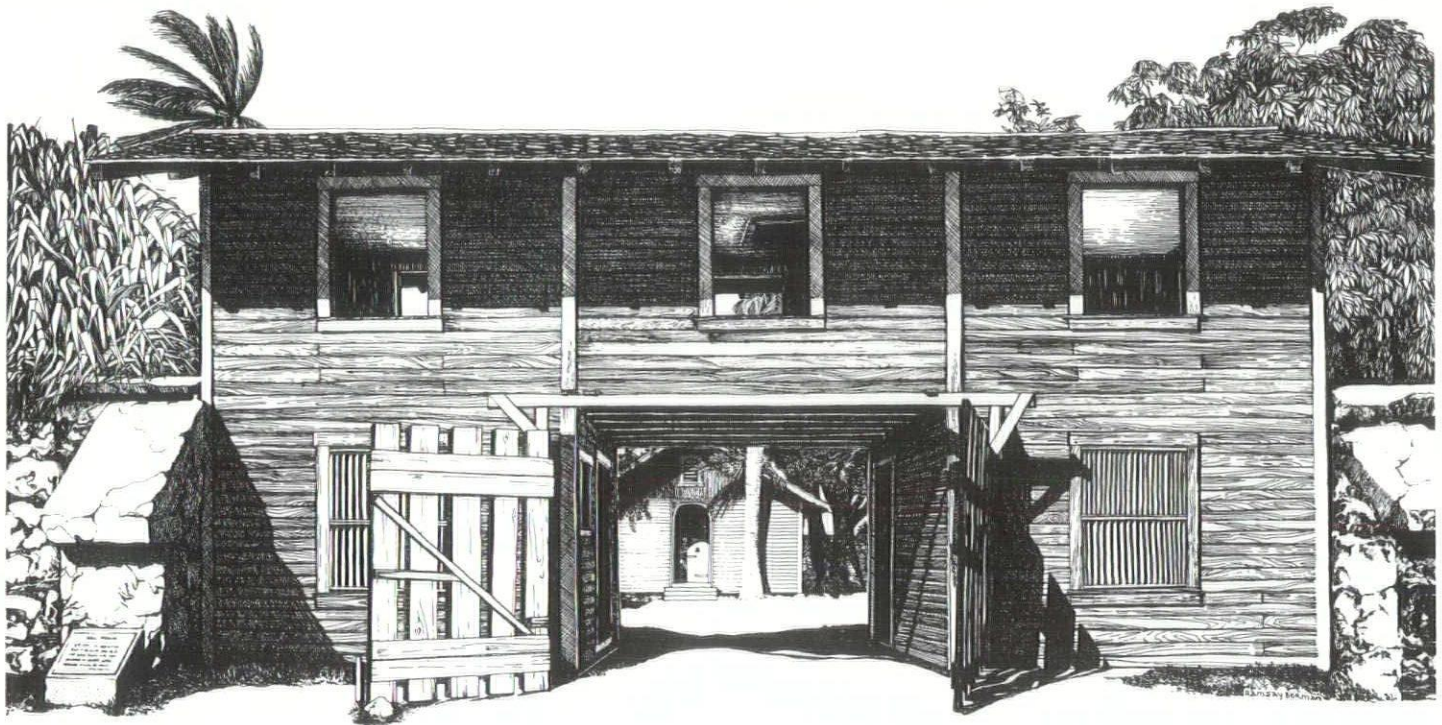
"We knew Hawaiian Telephone could provide the resources and service expertise needed," Davi said. "Prices were competitive and features such as personnel savings and staff paging appealed to us."

Next time you consider upgrading your phone system, ask yourself a couple of hard-nosed questions. Are you buying promises or proven performance? Will the money you "save" cost you more in the long run?

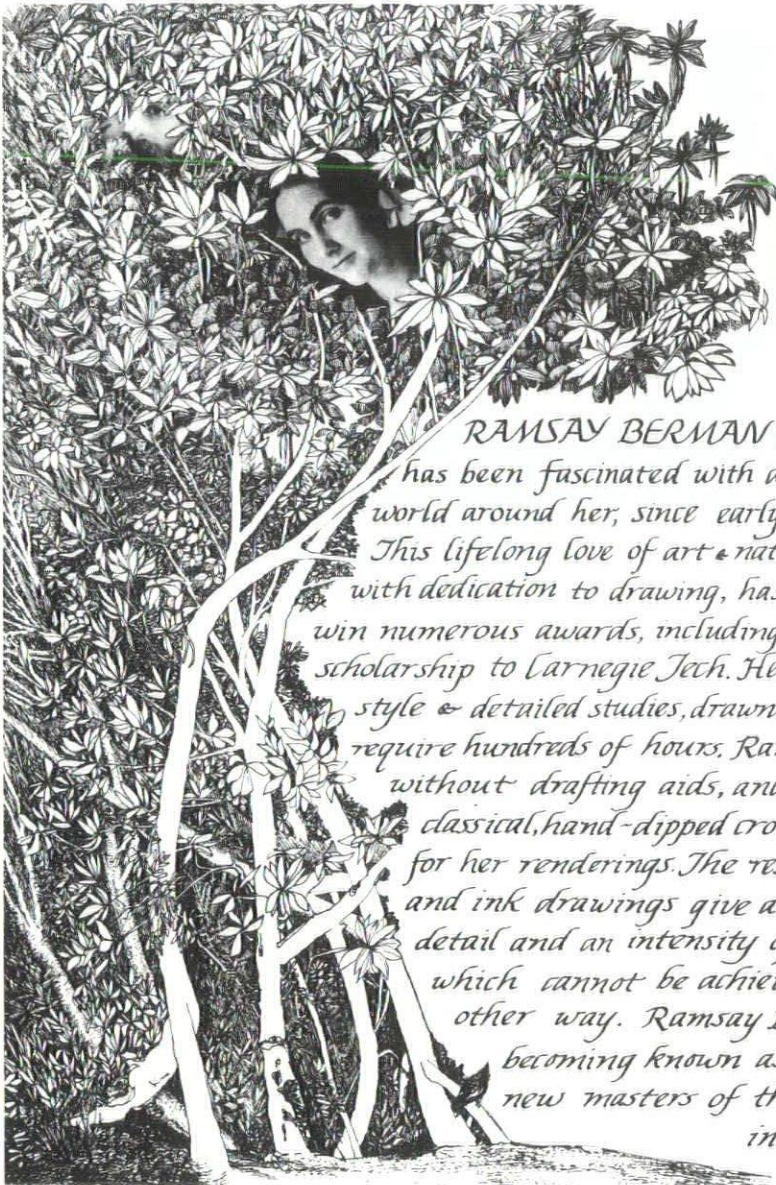
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RAMSAY BERMAN





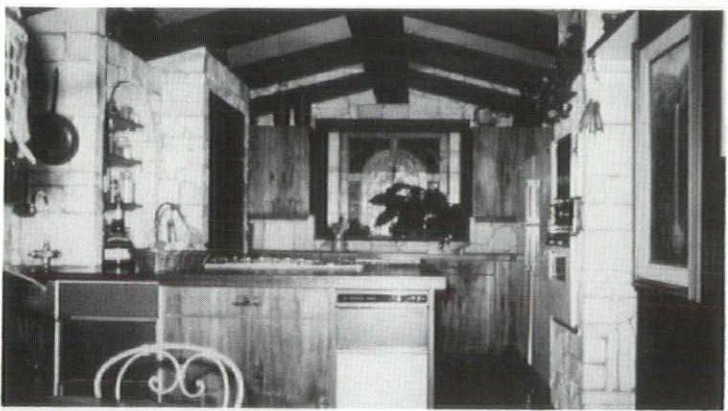
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## A Unique Talent

by R. M. Fox

**Ramsay Berman** has a unique talent for being able to graphically represent a building in a precise pen and ink style. While photography can be an important tool in preserving the memory of an architectural or historically significant structure, the eye of an artist can capture the soul of a building. By the sensitive use of the artist's talent many of the urban distractions can be effectively eliminated from a drawing leaving an unencumbered view of a valuable structure.

Ms. Berman has recently completed an ink drawing of the Alexander Baldwin Building on Bishop Street which was commissioned by the enlightened owners. She is now working on a commission to draw the Halekulani Hotel, which should be completed sometime prior to Christmas.

The work that Ms. Berman is doing should find a sympathetic group which would support her efforts both morally and financially to allow her to continue the documentation of valuable examples of our architectural heritage. This is particularly important in the case of endangered structures, many of which will ungraciously be torn down in the next few years. While a sketch cannot be a replacement for the building itself, it does preserve for posterity an unique view which cannot be duplicated by photography.

Anyone wishing to contact Ramsay Berman for further information about her works, can reach her through the Halekulani Hotel.

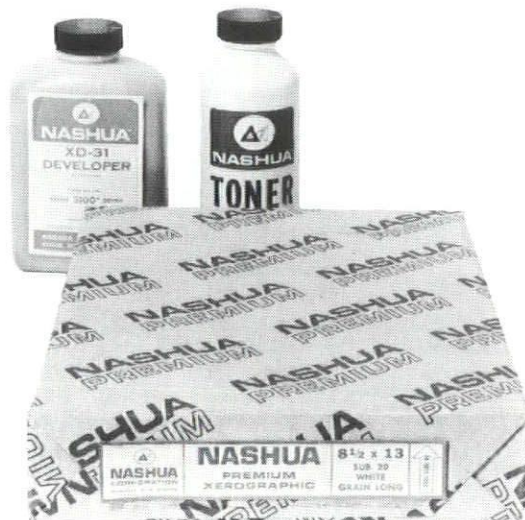
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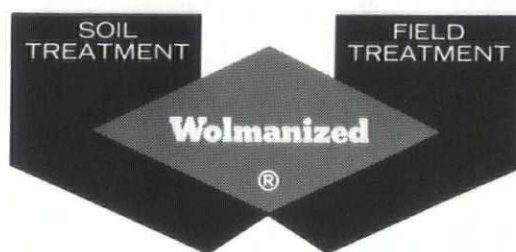
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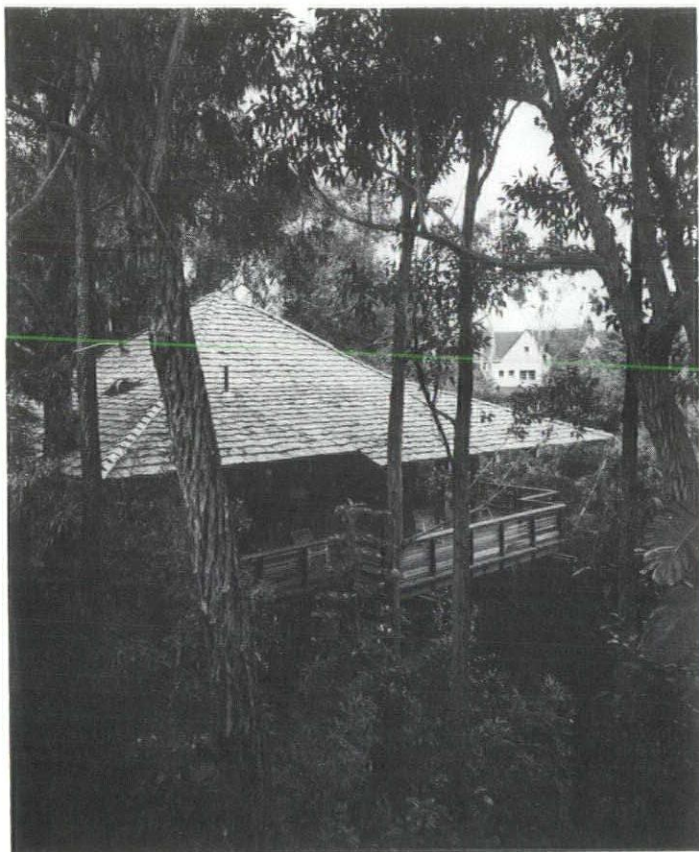
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# Honor Awards 1974 Continued

Honor Award:  
Pole Houses of Hawaii, various sites  
Media 5 Limited

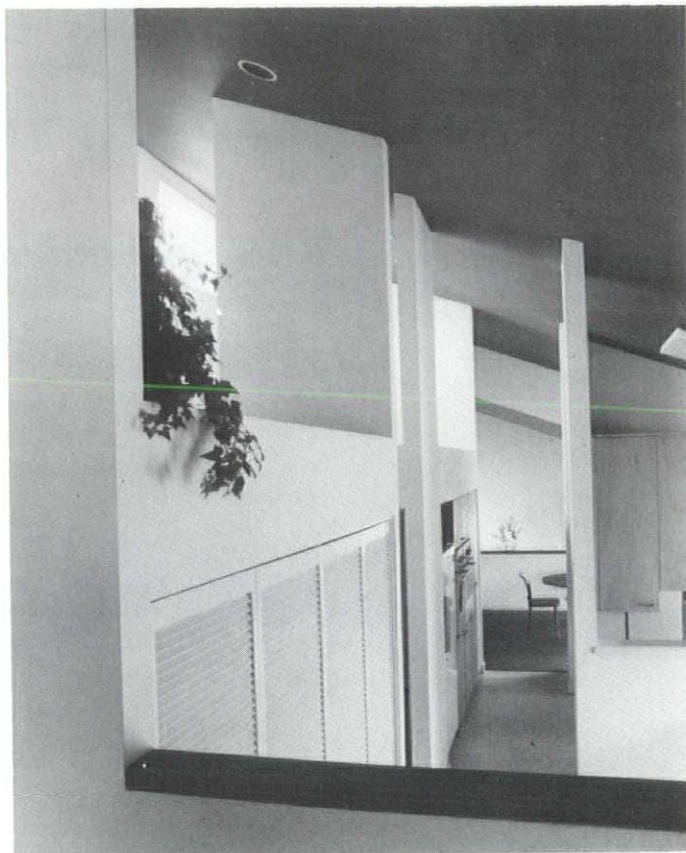


**Jury Comments:** "...an excellent prototype house ...demanding no disturbance of natural grades ... sloping roof, wide overhangs evoke memories of Hawaiian residences of the past."

"... says Hawaii ... simplicity and form."

"... structural system allows maximum flexibility."

Honorable Mention:  
Three Hillside Residences, Oahu  
John Hara, Architect

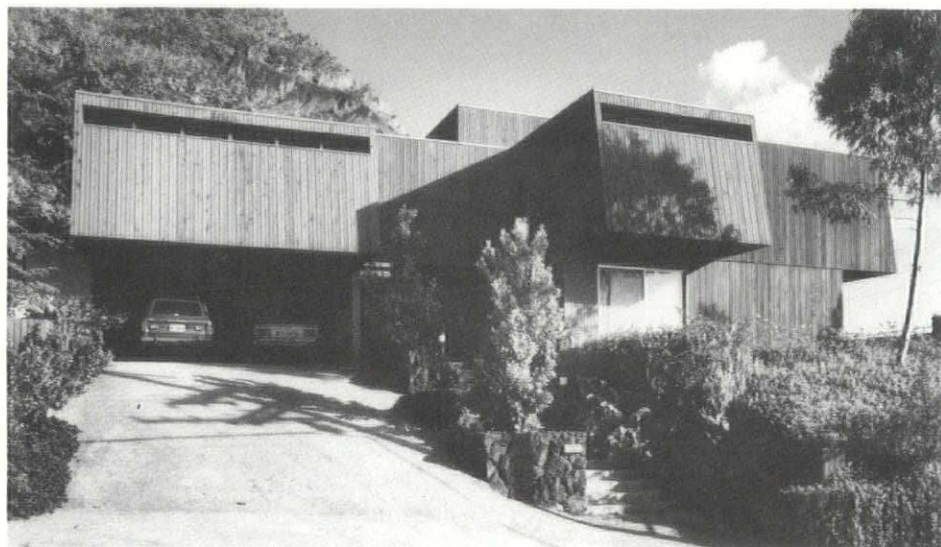


**Jury Comments:** "...3 excellent residential examples ... crisp, prismatic, form language ... all white, inspired spaces ... invite to be filled by the owners personalities ... imaginative if courageous ... typical of today's difficult sites."

"... consistent high level of competency and sensitivity."



Honorable Mention:  
Dr. Walter Chang Residence. Round Top, Oahu  
Roger Lee Associates



**Jury Comments:** "... a simple studied solution... problems of sun and heat."

"... a good plan... closeness of cliff gives a sequestered feeling... good capturing of views."

"... very pleasant house... good use of pre-existing foundations... open spaces, views of the cliff, interior and exterior gardens."

"... a wealth of visual relationships... strictly disciplined... imaginative, playful."

Honorable Mention:  
W. M. Swope Residence. Manoa, Oahu  
Hogan, Chapman, Cobein and Weitz



**Jury Comments:** "... an elegant house on a difficult uphill slope... panoramic vistas and intimate views... multileveled interior spaces are rich and warm."

"... good plan."



## Keeping Hawaii Plastered



*Old Flat Wall Receives Face-Lift — New Cornice, Column and Beam lines.*

The old Fisher-Hawaii Building on Nimitz deserves the "facelift". The Koko Head elevation is furled out from original flat wall with galvanized channel iron, metal lath and Portland cement plaster to form cornice column and beam configuration to match those of other elevations of original building.

A new steel building has been erected on the roof and has been fireproofed with genuine fireproof lath and plaster. The advantage of fireproof lath and plaster is that it also envelops the building in an attractive, low maintenance exterior.

Plaster Information — Don Morganella

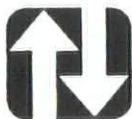
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# New Law Requires Employee Medical Coverage

by Ronald Bernard, CLU

The Hawaii Prepaid Health Care Law requires all non-governmental employers with one or more regular employees to provide health insurance coverage for their employees.

It specifies certain classes of excluded employees including those working less than 20 hours a week, employees covered as dependents under a qualified plan, seasonal workers, insurance and real estate salesmen compensated by commission only, employees covered by a "primary employer," employees covered under health programs through bargaining agreements and "relatives."

The coverage must be provided by January 1, 1975.

Out of state employer-sponsored health care plans, affecting employees of this state, must be adjusted by June 11, 1975, so as to meet the law requirements.

Failure to comply subjects employers to a penalty of \$1 per day per employee and not less than \$25.

Employers must pay at least one-half of the cost. (certain employers may be entitled to a "Premium Supplementation Fund.")

The State Department of Labor is now reviewing plans that will be acceptable under the minimum standards set up in the law.

To date, approved plans include HMSA Plan IV with Major Medical and Kaiser Plan I.

A number of insurance companies are reviewing regulations and making proper adjustments on their plans to comply with the law requirements.

The State is now in the process of mailing packets to every employer explaining the law and outlining the necessary procedure to follow in order to comply with the law.

This is only a brief summary of the Hawaii Prepaid Health Care Law. For further information contact the Disability Division of the Department of Labor and Industrial Relations.

## American Arbitration Association

Construction industry disputes with claims totaling more than 63 million dollars were filed for arbitration with the American Arbitration Association in 1973. In the 10 years since the establishment of nationwide machinery for arbitration of contract disputes, the construction arbitration caseload has become one of the largest segments of nonlabor cases administered by the AAA.

These facts were reported by AAA vice president Michael F. Hoellering in the New York Law Journal on June 12.

A total of 1,340 construction industry disputes were filed for arbitration at the 21 regional offices of the AAA during 1973. Almost two-thirds of these cases involved claims of less than \$50,000 and 34 cases involved claims in excess of \$500,000.



# 5th Anniversary for the Hawaii Community Design Center

By JOE TAYLOR

Hawaii Community Design Center

An AIA sponsored luau on September 20th celebrated the fifth anniversary of the burgeoning Hawaii Community Design Center HCDC, a thriving grass roots organization, has been enormously successful at meeting the needs of low income individuals and groups who could not otherwise afford architectural services.

Within the past year the Design Center has completed more than 30 projects, such as:

**\*Moiliili Community Center** — landscape and playground designs for a new multipurpose community center.

**\*Waianae Samoan Church** — renovation of classrooms into a residence, and to obtain a zoning variance in conversion of agricultural land into residential.

**\*Kaneohe Community Club** — complete preliminary design package to promote construction funding and support for a new community center.

**\*Child Care Project** — design criteria to stimulate development of statewide child care facilities (including shared use, urban high-rise, rural single structure, self-help facilities, etc.).

**\*The Minimim House** — design and construction of a three-bedroom \$5,500 low cost self-help house in Waimanalo. The house, which meets all building codes, was designed to meet the needs of low income people who want to build their own homes at minimal cost.

The Design Center originated in 1969 as a joint venture of the AIA and the Department of Architecture at the University of Hawaii.

In March 1973 HCDC received its first full-time staff with the arrival of four VISTA Volunteers. Since then the Design Center has expanded to seven full-time staff plus a director from The Hawaiians, as well as student interns from the University of Hawaii.

A year ago the Design Center moved into its present offices in Waimanalo, in order to provide better services to the low income community.

Now that the Design Center is incorporated as a nonprofit organization, it has become more actively involved with the AIA, both locally and nationally. Active participation by professional volunteers results in a better product from the CDC, while giving those professionals who have an active concern for the low income community an opportunity to become involved.

In addition, the CDC creates work for the profession by drawing preliminary presentations which enable community groups to raise the necessary funds to carry their project to completion.

With the completion of the Minimim House the Design Center

has added a new dimension. A package of floor plans, materials list, cost estimates, and a Building Manual (geared toward those with no construction experience) is available to anyone who wants to build his own home.

It should be emphasized that the Minimim House can be upgraded, for those who can afford it, in any way that a family desires.

Despite a shoestring budget (the CDC continually needs contributions of time, money, office equipment and supplies) the Design Center staff has received enthusiastic support from the local low income community in responding to its needs.

Furthermore, the CEC has assumed the responsibility of continuing to serve the needs of Hawaii's poor.

The CDC is always looking for more projects — if anyone knows of any community groups or individuals which need architectural or planning assistance, they can contact the CDC at its Waimanalo office or at the AIA office downtown.





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The appearance of Permagrain flooring is stunning. There are four magnificent woods and eleven natural wood hues from which to choose. Even a textured oak is available where a rough texture is desired. And Permagrain takes the punishment of hard use day-after-day. Length of life and strength are two outstanding, inherent qualities. In fact, the durability of Permagrain surpasses epoxy terrazzo as demonstrated by a Taber Abraser test comparison simulating extreme traffic conditions.

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## Book Review

by Carol Schradel

**Old Glory** is a "pictorial report on the Grass Roots Movement and the First Hometown History Primer" but more than this it is an uplifting reminder that America is a lot of fine folks with good imaginations, working hard. Throughout the book the pictures and text show the people of this country shaping the environment they live in. Valuable buildings are shown as saved, local industries revived or created, towns stripped down to their beautiful facades and unique characters. Step by interesting step descriptions are given of how great things were accomplished by everyday people like ourselves.

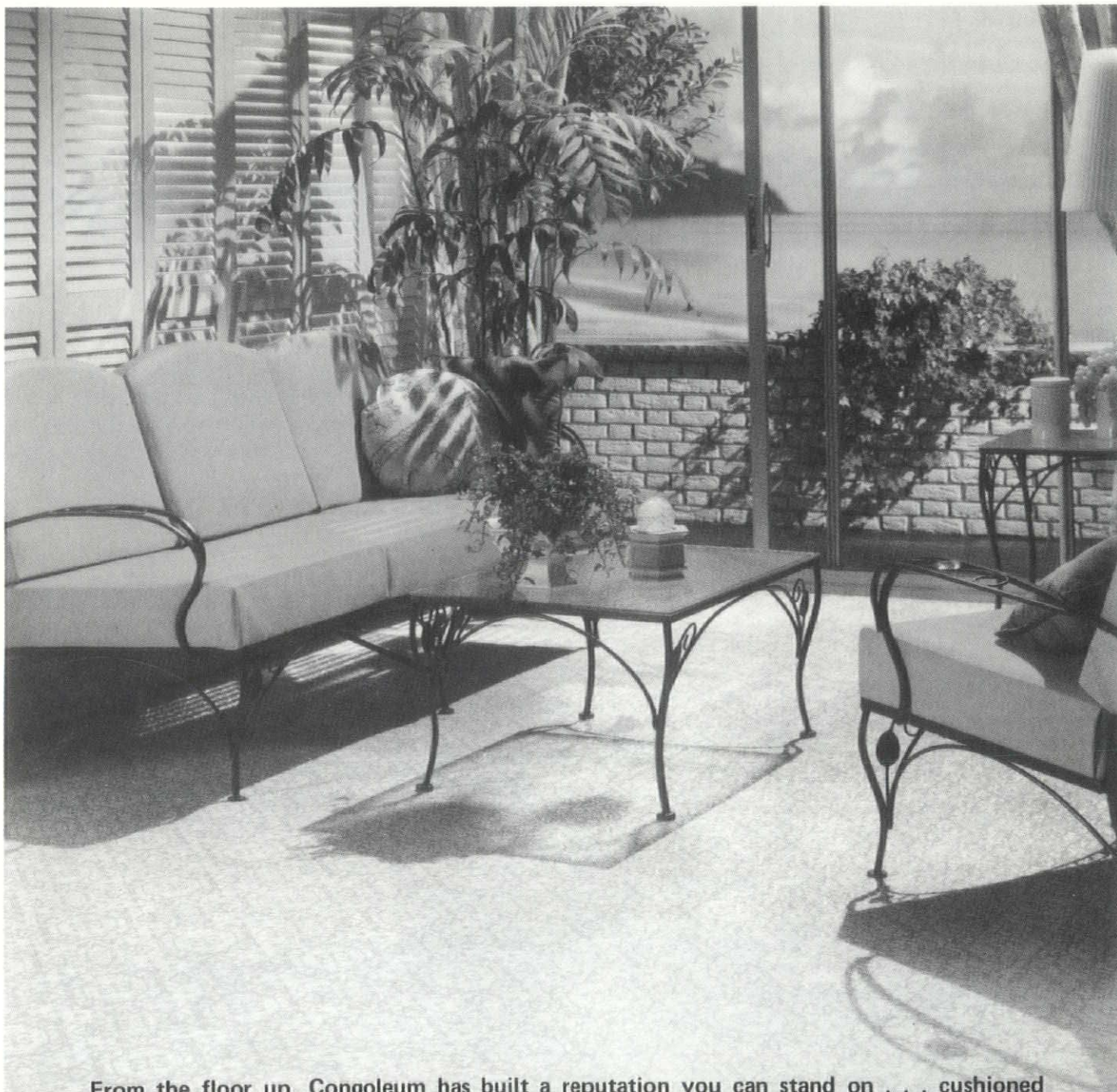
**Old Glory** is an America the Beautiful Fund book published in association with Warner Paperback Library. It is edited by San Francisco's finest and wildest king of graphics James Robertson. Mr. Robertson has overlooked nothing in producing a tasty, fact-filled, fascinating volume of the tenacious artistic citizens of this fine land.

This book is a must for every architect's library. It is a fine gift for the old folks, it is an inspiring choice for the draftsmen you are letting go because of your unfounded pessimism, it is the perfect gift for the bored-wife-with-the-heart-of-a-reformer, (and who hasn't one of these?), it would be good for your own head and ideal for your sprouting offspring. The First Hometown History Primer, making space for your past in your present, is too delicious to describe!

No where in this essential volume is it recommended that your town be turned over to outside experts, those who are experienced in making one place vastly like another. **Old Glory**, at \$4.95, is a community shot of adrenalin. Don't miss it.

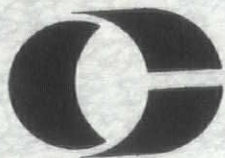


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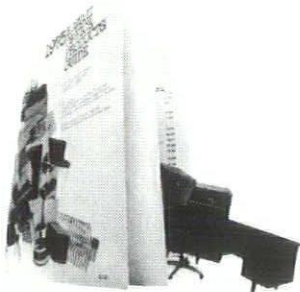
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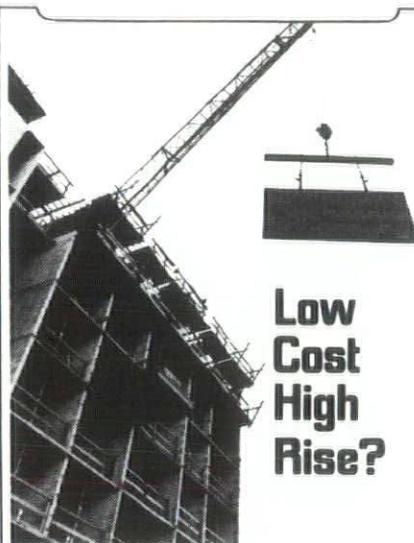


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# General Plan Review

The following testimony was presented by AIA Hawaii Chapter president Sidney E. Snyder at a hearing before the Planning Commission at 7 p.m. on October 16, 1974.

I want to thank you for the opportunity to briefly discuss a few of the important issues being proposed under the General Plan Revision Program. We wish to share our concern with current problems and the time element which continues to be a most critical factor.

The staff's analysis, conclusions and recommendations, as directed towards the housing problems emphasizes a solution which incorporates the conversion of agricultural land (with some contractual conditions imposed on the land owners) which would maintain the land value at agricultural uses.

To us this represents a "short term" impact on reducing a percentage of the dwelling cost, but we do not understand and therefore question, the long term implications, especially on leasehold land.

A major concern is with those lands currently urbanized or planned for development in the central city districts.

A high priority is the obvious need to develop a three dimensional urban design for the existing urban districts such as Wai-kiki, Makiki and Moiliili so that many of the land use "mistakes" such as sprawling development will not continue in future years.

The directed growth concept should take into consideration properly located and designed new urban centers at the fringe and leeward areas. These centers should be intensive in concept, located to fit the future rapid transit systems, and should be able to provide desirable residential



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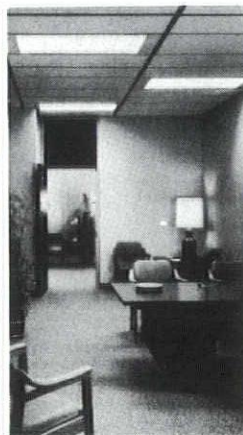
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characteristics of pedestrian oriented planning.

Reducing the use and need of the automobile for normal daily experiences, such as schools, shopping and active recreation and even certain employment is a prime consideration.

While we are aware that some agricultural lands must be converted to urban uses, we recommend that the amount be minimized by (1) selecting those properties which have the least affect on the agricultural system, and (2) strong consideration of the available, attractive open space appreciated by residents and visitors alike.

One other point I would like to make. This is to consider the utilization of lands considered "too steep" for residential development. There are many properties conveniently located which would support terrace or staggered type design concept that can be adapted to slopes greater than 20 per cent.

Providing residents both privacy and vistas rarely found in other housing designs makes hillsides highly desirable and by arrangement of improvements hillsides can be attractive.

Thank you for permitting me this opportunity to speak. We all share in the sincere desire to plan for the future growth of Oahu. We believe that the emphasis should be continually placed on the downtown and existing urban districts, as this is where the vast majority of the people live today and will likely continue to live in the future.

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## New Handbooks

Guidelines Publications, P.O. Box 456, Orinda, California 94563 has introduced three new handbooks for the drafting room:

**Architectural Working Drawing Check List I** lists over 1,500 major and minor items that go into working drawings for commercial, institutional and other heavy frame building construction. 52 pages, \$5.50.

**Architectural Working Drawing Check List II** deals with residential and other light frame construction. It lists over 800 primary items and more than 700 secondary working drawing components. 62 pages, \$5.50.

**Architectural Rules of Thumb** includes nearly 150 rules for all phases of practice, ranging from sizing structural members to estimating mechanical requirements, to figuring office costs. 60 pages, \$5.50.

The new handbooks are available only from Guidelines Publications' mailing address. The quoted handbook prices include all shipping and handling costs. All publications are sold with money back guarantee.

Fred A. Stitt, California architect and president of Guidelines Publications, describes how the new handbooks came into being:

"We've been researching working drawing production methods for the past six years. Our own studies and other researchers, such as those at the Building Research Station in Great Britain, find that about 40 per cent of all individual architect plans, elevations, sections and details are lacking in some important piece of information or another.

"These lapses in information are the obvious major cause of those extras that pop up at the



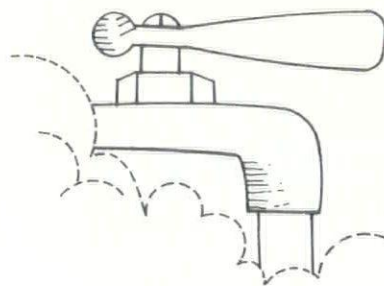
building site. What's most frightening is that about 80 per cent of all lawsuits involving architects arise from simple omissions, as well as outright errors in the contract documents.

"The best way we have found to prevent oversights and omissions in drawings is to provide drafting staff with comprehensive check lists of items that are to be included in the drawings. Besides helping avoid omissions, the use of check lists cuts out a lot of individual instruction time, reducing time demands on supervisors. Draftsmen don't have to wander around asking 'What's next?' every time they finish a small assignment.

"We designed the Guidelines Check Lists to follow normal sequences in working drawings, running from the cover sheet through plans, elevations, sections and schedules. We chose a binding system that makes the handbooks easy to take apart and rearrange for special office needs."

Commenting on the Rules of Thumb handbook, Stitt said: "The Rules book was conceived after observing draftsmen and designers spend excessive time in searches for basically routine information. We've seen draftsmen spend up to half an hour finding out how to size an elevator shaft or a plumbing chase, for example. And we've seen designers make serious misjudgments in their structural and mechanical assumptions in preliminary drawings. Not knowing the standard rules, they just guessed.

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# INDEX OF ADVERTISERS

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Amelco Elevator .....	4C
Amelco State Tile .....	30
Armstrong Cork .....	30
Cement and Concrete	
Products Industry of Hawaii (CCPI) .....	11
Color Prints, Inc. ....	8
Creative Floor Coverings .....	29
Fuller Paints & Glass .....	14
Gasco, Inc. ....	33
John J. Harding Co., Ltd. ....	14
Hawaii Blue Print .....	17
Hawaiian Electric Co. ....	15
Hawaiian Telephone Co. ....	18-19
Honolulu Blueprint & Supply Co. ....	26
Honolulu Roofing Co., Ltd. ....	28
Honolulu Wood Treating Co. ....	23
Imua Builders .....	3C
Al Lynch, Inc. ....	16
Monier .....	2C
Neaf Construction Co., Inc. ....	22
Pacific Blueprint .....	31
Pacific Bureau for	
Lathing & Plastering .....	26
Pacific Scale Models .....	30
Paul Rasmussen, Inc. ....	9
Postal Instant Press .....	32
Ridgway's .....	10
Shatzer & Gaillard, Inc. ....	32
Shield Pacific, Ltd. ....	31
Webco Honolulu, Inc. (Nashua) .....	22

## Energy Conservation

From page 17

4—Fuel, energy costs of transport need to be paid.

5—Length of transport runs, frequency of usage of runs required physical layout of the city, region, etc., are urban design problems to be solved.

6—Another way to develop (Honolulu projects one million population before the year 2000) is to improve the housing/working/educational/commercial relationships by re-directing energy uses away from transport and towards static situations which require less energy consumption.

From the architects we hear: Build a new neighborhood unit which provides ample facilities for human needs and desires, upgrade pedestrian and cycle paths, plan for activities that do not depend on transportation to happen.

Hawaii has some interesting historical housing and working developments that need further study to see if they might hold ideas workable for future development. In the recent building boom we have too few examples of new solutions which provide the necessary amenities necessary for a new neighborhood growth appropriate to our peoples.

It is appropriate to begin now to develop models and build such neighborhoods responsive to energy conservation needs and to the needs of our residents.

Much available technology exists and the bonus might be improved social relations in Honolulu plus, the microcosm that we are can be used to demonstrate to other parts of the U.S. accomplishments made within our own neighborhood unit.



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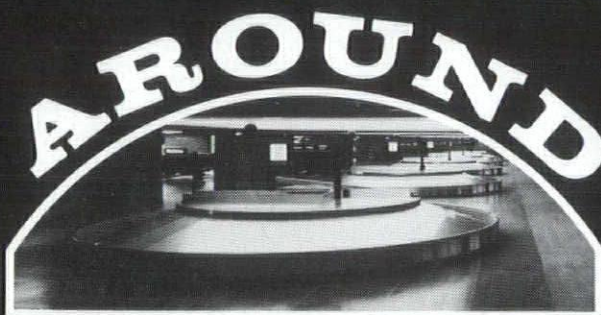
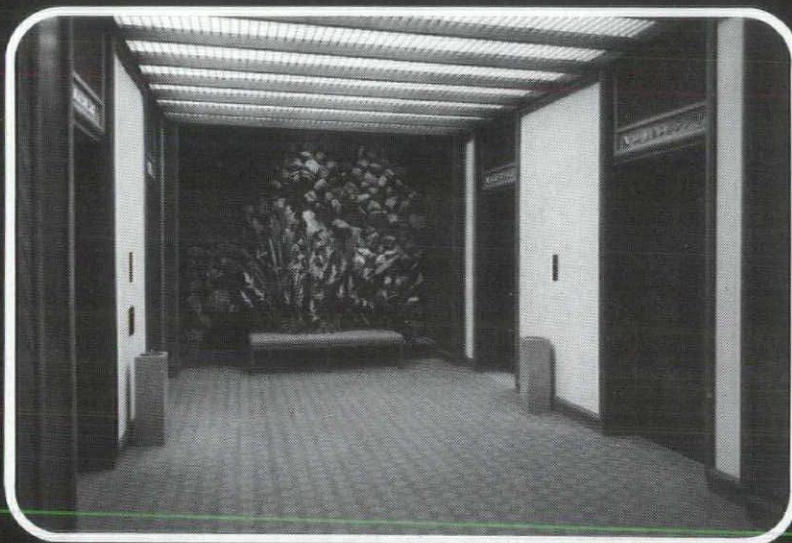
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down



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