

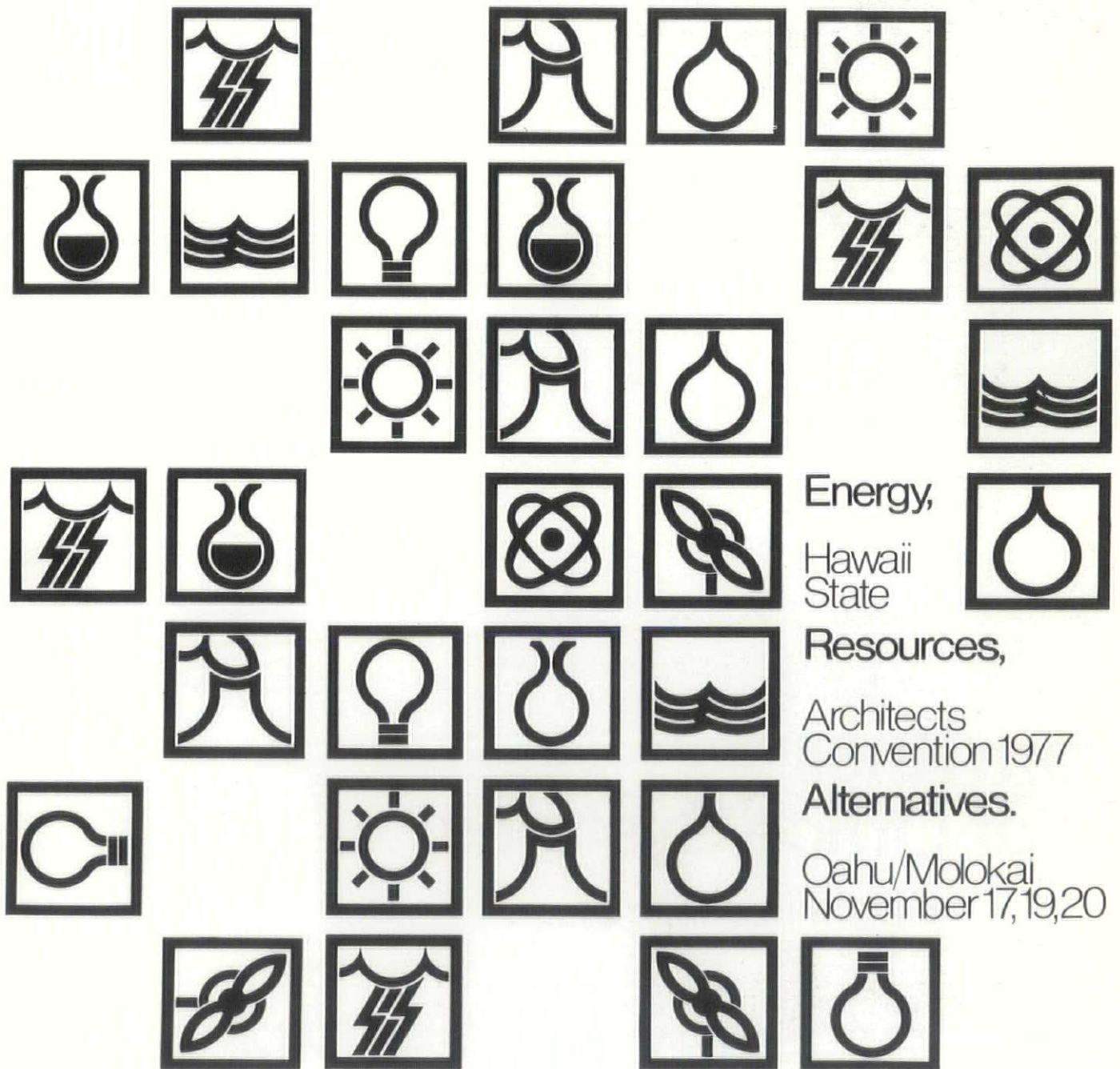
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HA

# HAWAII ARCHITECT

NOVEMBER, 1977

onvention







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# HAWAII ARCHITECT

NOVEMBER, 1977

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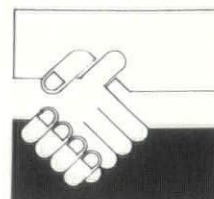


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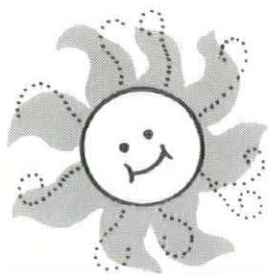
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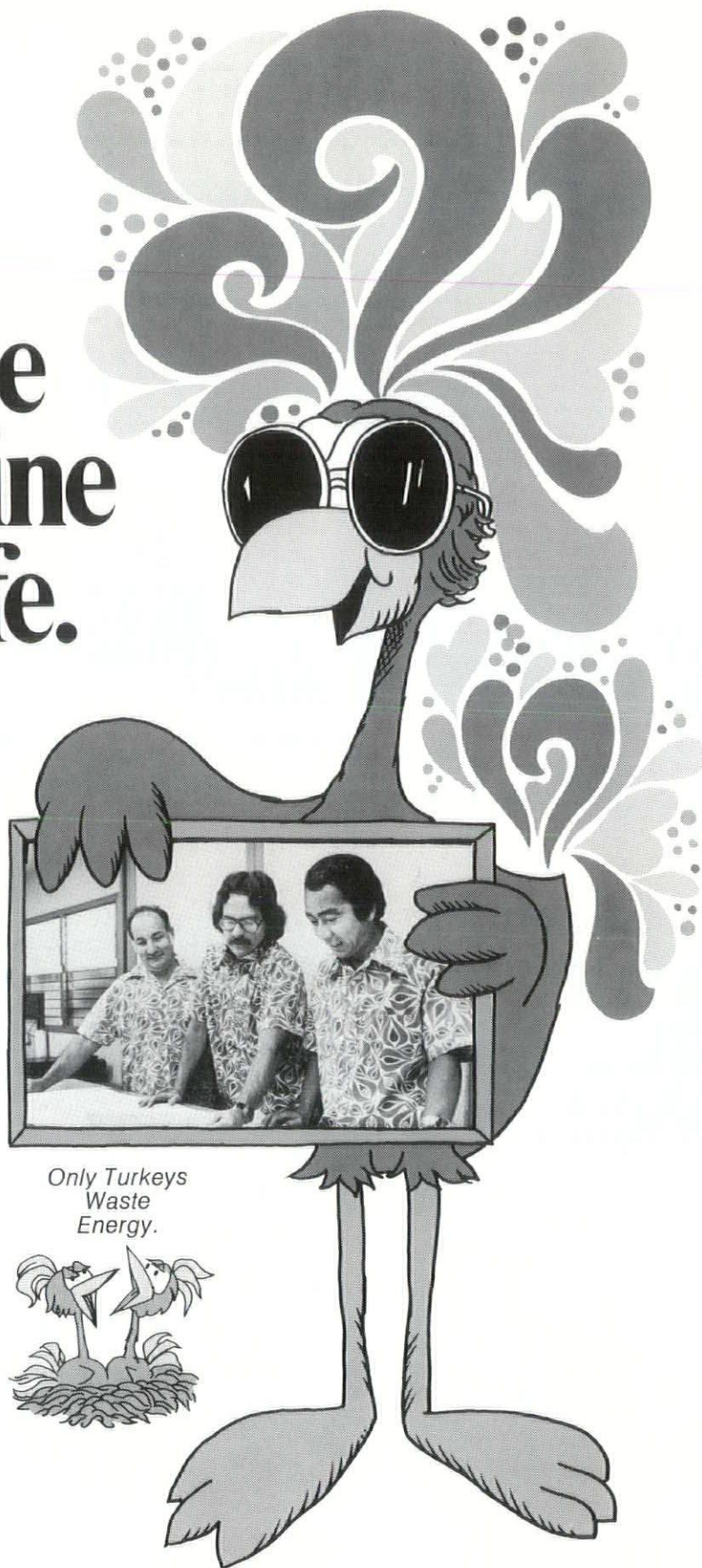
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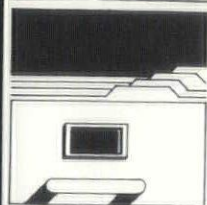


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# Positions on Issues



## INDEX

Committee reports

The following is a summary of the significant HS/AIA positions on the issues concerning our profession and the community. They are representative of the membership's views as considered by the Board of Directors and/or a special task force. If it doesn't agree with your views, please contact Don Goo or Alan Holl.

## PROFESSIONAL

### A/E SELECTIONS

The Honolulu Star Bulletin articles titled "Campaign Contributions as Bribes," by George Cooper, raised legitimate questions as to the legality of alleged practices by government and design professionals with regard to design professional selection for government capital improvement projects in Hawaii. They represented a continued concern of the standards of our elected leaders. By inference they cast a shadow on the integrity and reputation of those in government and of all design professionals in Hawaii.

They focused on the method of awarding contracts for design services without benefit of competitive bid for such services (nonbid contracts). The implicit, obvious question the reader might ask is "Why not bid competitively for these services?"

While government and private sector procurement of goods and routine services lends itself to competitive bids, professional services, including those rendered by accountants, architects, attorneys, doctors, engineers, landscape architects, planners, etc., do not.

Competitive bids require detailed descriptions, specifications and/or drawings, to define precisely what is required. To be fair and equitable to all bidders, the documents upon which a bid is predicated must define, quantitatively and qualitatively, the nature and specific requirements of the item or service to be provided.

The very nature of professional services precludes competi-

tive bidding because these services defy qualitative, if not quantitative, definition. Procurement of professional services, based solely on price (competitive bid), would eliminate selection by evaluation of such basic factors as professional expertise, technical competency, and in the case of design professionals, creativity and ingenuity with regard to problem solving and its resultant physical design.

Because the cost of professional services is basically compensation for the time spent by the professional in providing these services, competitive bidding automatically reduces the time provided by the professional.

It is apparent that if cost is a factor it can be reduced by resorting to standard solutions, reducing investigation of alternatives and reducing value engineering analysis. These reductions may be less than satisfactory for the design solution. The resultant effect would be detrimental to the client and to the public.

The AIA does not recommend competitive bidding but has recommended a design selection procedure which should restore the community's confidence in government and therefore supports SB 1160 which includes the following "sunshine" procedures.

1—The bill requires that announcements of potential projects be made public.

2—It requires that the agencies adopt and publicly announce their selection procedures which shall be based on competence and qualifications.

3—The bill requires that the agencies make an annual report summarizing the projects pro-

cessed and the list of firms selected.

### S. B. 12: ESTABLISHMENT OF A DESIGN REVIEW BOARD FOR STATE BUILDINGS.

Did not support S. B. 12 for the following reasons:

1—Implementation of a Design Review Board for all state architectural projects attempts to solve the goal of improving the quality of design in state projects by addressing the symptoms rather than the cause.

2—Section 1 addresses those issues which are usually predetermined by state agencies prior to engagement of design professionals.

3—Section 2 is specific to structures designed by architects. It does not include all major state projects such as freeways, bridges, etc.

4—Section 2 does not provide compensation for board members thereby creating a "voluntary" situation in which it might be difficult to attract the most qualified professionals to serve.

5—In Sections 3 and 4 the board's evaluation occurs too late in project development to implement significant changes economically.

6—Section 5 does not provide for compensation to the design professional for the additional effort required to prepare for and present to the Design Review Board.

We suggest that, rather than imposing another layer of bureaucracy and review, the climate for better design of state structures would be vastly improved if the following were implemented:

Continued on Page 8





**LAURELS**  
exhibit award

# The Lester McCoy Pavilion

by CHARLES J. W. CHAMBERLAND, AIA

photos by TOM CULBERTSON, AIA

**Architect:**

Charles J. W. Chamberland, AIA

**Structural Engineer:**

Richard M. Libbey, Inc.

**Mechanical Engineer:**

Giovanni Chung & Associates, Inc.

**Electrical Engineer:**

Albert Chong Associates Inc.

**Landscape Architect:**

Donald P. Bergman

This recreation center fits gracefully into a central area of Ala Moana Beach Park. Originally constructed as a tennis center, the complex was a gift from the late Lester McCoy. In recent years, it had fallen into disuse, so his widow, Hazel C. McCoy, made a substantial gift to the City to be spent under the guidance of the Outdoor Circle to revitalize the complex.

Mrs. McCoy envisioned the project as an integrated recreational center capable of accommodating simultaneously a div-

ersity of activities ranging from the strenuous competition of tennis to contemplative strolls in the gardens, from a raucous adolescent disco session to the sedate decorum of a chess tournament.

It should be capable of generating amplified use of Ala Moana Park and at the same time be a place to rest, a place to work, a place to play, a place offering a variety of respite from the equally varied pressures of our urban pursuits.

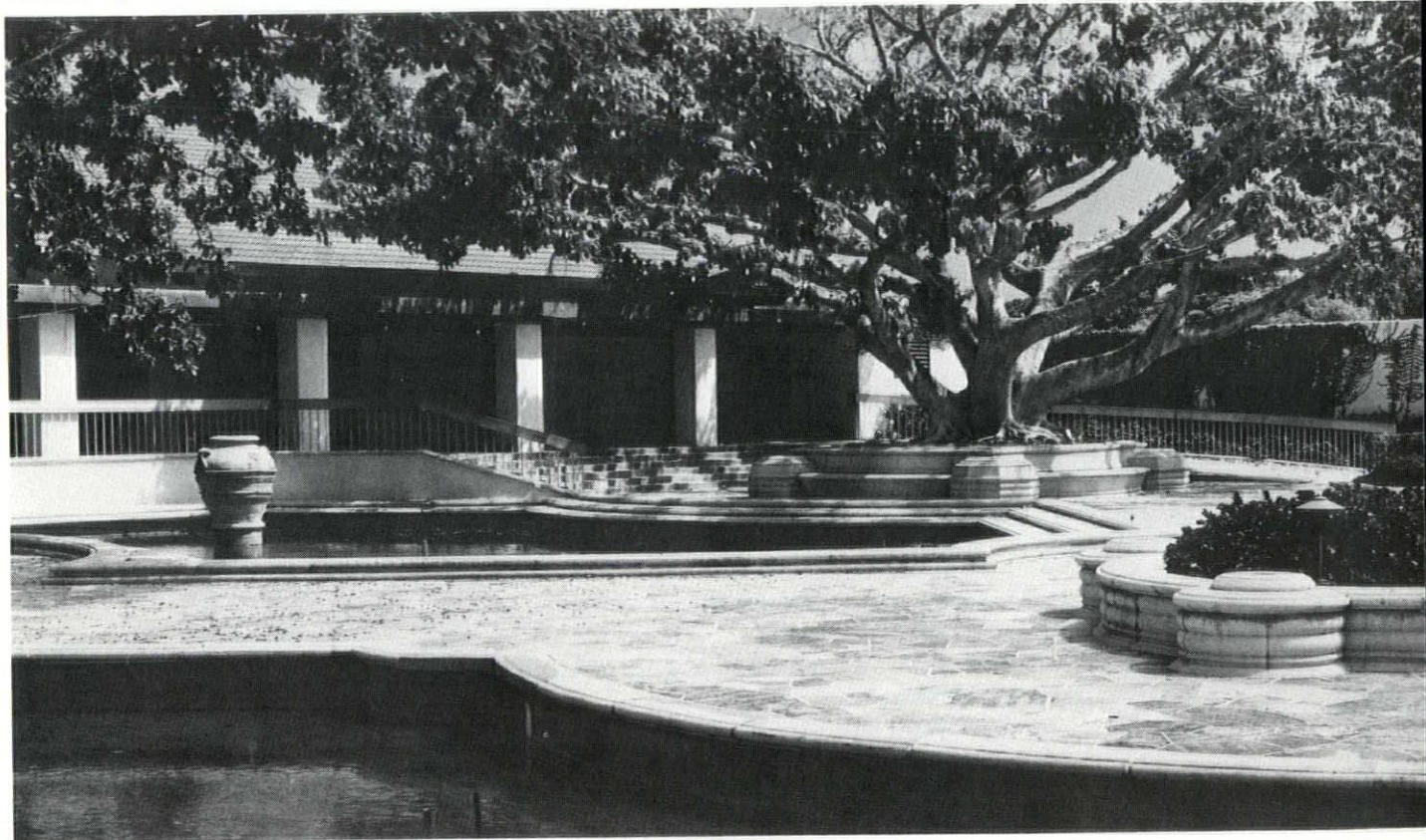
While the budget, program, and prominent site could easily have triggered a design tour de force, the architect elected to maintain a relatively low profile, literally and figuratively. Because of this and a pleasant use of planting, the pavilion does not

intrude upon the park, but complements it with a handsome bit of understatement.

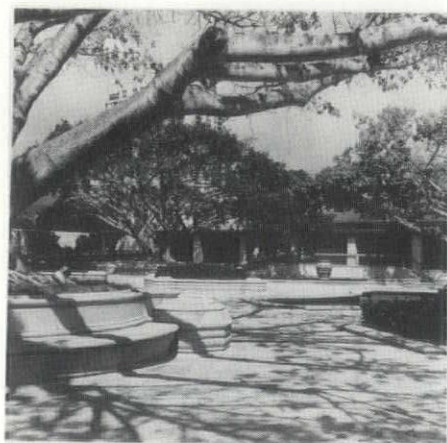
Construction is basically rough timber and stucco deliberately chosen by the architect to make the bathing suit and the business suit equally welcome and comfortable.

The pavilion actually is a series of pavilions connected by galleries and covered walks forming courtyards of varying sizes and shapes, all connected to the existing structure, fountains, and huge trees with a high degree of skill.

In this day of high density and air conditioning, it is most refreshing to find a building actually designed to take advantage of Honolulu's climate. HA









# Positions on Issues

Continued from Page 5

1—Change current A/E selection process to require that such processes be "public" and that A/E selection is predicated on competence and qualification.

2—Improve the A/E consultant fee structure so that the time necessary for creative and imaginative design is adequately compensated. We assume that you are aware that of the total design appropriation about 50-60 per cent reaches the design professional team. The remaining 40-50 per cent pays the salaries of those below the branch manager level in state government for project administration.

## PLANNING

### Tom Creighton

Tom Creighton, FAIA wrote an article published in the June AIA Journal titled "The Frustrating Fate of Urban Design in Hawaii." The article succinctly summarized our history of beginnings and crisply tells of the typical nonaction. Some will completely deny that the non-results are in fact of their own actions or nonaction. Let us not worry about who fits the "shoe." Let us instead concern ourselves about how to accomplish and complete our present goals and development plans.

This effort to complete our plans would not receive one negative vote except from the most irrational or negative thinker. However, the road to solutions is filled with detours and chuck-holes created by well intentioned persons. Perhaps what criteria is lost is that decisions must be made relative to the time frame and available information.

We, as a society, have developed a sophistication and intellectual theory as well as technical stratosphere that all things are possible. We, therefore, are capable of posing an infinite number of questions relating to all pragmatic and esoteric situations.

It is to our discredit that we have not recognized our human imperfections, to absorb and clearly give the information priorities (including its accuracy and completeness). We seem to have forgotten that there is a purpose in studying, researching, and investigating to make a decision. Decisions must be timely. A decision by a ship's captain to stop the ship in midocean for a man overboard must be immediate.

Tom Creighton's article should remind us that our procrastination must be stopped. We need to proceed firmly towards a substantive program to provide for our future. The community should unite all political forces to achieve a socioeconomic plan for the people of Hawaii. Political differences should be locked in a room and the key thrown away when we discuss how we are to prepare for our future.

### HAWAII COMMUNITY DEVELOPMENT AUTHORITY

Encouraged legislation which would include the state-owned and private lands on the makai side of Ala Moana adjacent to the Kakaako area presently defined as the initial district for the authority to consider.

### S. B. 1328 AND HOUSE BILL 1670: COASTAL ZONE MANAGEMENT

Supported the passage with amendments to incorporate the following two conditions:

1—That a CZM program be structured to require broad guideline policies to be prepared by the State of Hawaii and the implementation of the guidelines to be by the county through its own procedures.

2—That initially the entire state be designated the CZM area modified by a joint effort by the state and county to establish a perimeter boundary inland of the coastline within a three-year period as a means of providing proper evaluation and control of development in the shoreline area.

## TECHNICAL CODE

### H. B. 429: RELATING TO THE EXEMPTION OF STRUCTURES REQUIRING A BUILDING PERMIT.

Recommended the defeat of H. B. 429 because of potentially adverse effect on the design of buildings for our environment and because of serious economic impact upon the majority of the design professionals.

### 1976 UNIFORM BUILDING CODE

Supported the July 1, 1977, draft of a bill for an ordinance to amend Articles 1 through 5 of Chapter 16 (Building Code) of the revised ordinances of Honolulu, 1969.

Continued on Page 18

HAWAII ARCHITECT



## The artist Jean Charlot's own designs in Ceramic Tile charm all who visit his family home...

St. Francis overlooks the garden by the stream. The Sacred Heart is at the door. Hawaiian petroglyph designs indoors and out bring unity and serenity to the whole decor as this dean of Hawaii's artists demonstrates beautiful use of Ceramic Tile in the Charlot residence in Kahala, a 20-year old house that grows in beauty that endures.

Charlot knows tile. He has used Ceramic Tile for years in numerous important works of art—Fourteen Stations of the Cross at St. Catherine's Church, Kapaa,



**Jean Charlot**

Kauai... the United Public Workers mural, each of six panels approximately 30 by 30 feet of tile, at union headquarters on School Street, Honolulu (this work is signed jointly with Isami Enomoto, ceramicist who supervised technical production)... figures in St. Francis Hospital, Honolulu... the Alii who gazes

upon Atkinson Drive in front of the Ala Moana Americana Hotel, Honolulu... a monumental Sacred Heart at Sacred Heart Church, Hanalei, Kauai.

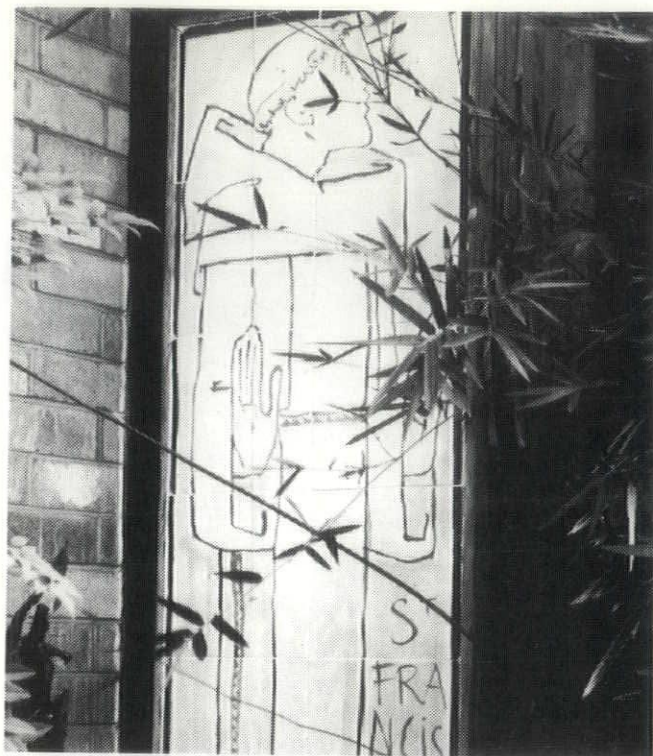
"I first became interested in Ceramic Tile during my years in Mexico and have used it ever since," Charlot says. "Today drawings for tile made on metal stencils become genuine original prints in Ceramic Tile, something new to art."

Yes, as Jean Charlot demonstrates, Ceramic Tile deserves major attention. And because this beautiful material so well fits our informal living style of Hawaii, Ceramic Tile, along with Genuine Marble and Terrazzo, gets major attention here from more and more who build the finer homes and other buildings here working with their architects, interior designers and contractors. Helping too are the qualified, reliable contractors who take part in their own industry-wide Promotion Program of the Tile, Marble & Terrazzo Contractors Association of Hawaii... people ready with ideas, accurate estimates, up to the minute industry developments and on time delivery to fit your schedule.

Contact any of these Promotion Program participants:

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Classic Tile Corp. 841-6893  
Costa, Hank Tile Co. 533-4989  
Custom Ceramics 538-3537  
Hawaii Tile and Marble 839-5102  
Honolulu Roofing Co. Ltd. 941-4451  
Kunishige, S. Tile Contractor 734-3340

Lani's Tile Co. 235-1144  
Logan Tile Co. 262-5754  
Nan-Cor Tile Company 488-5591  
Pacific Terrazzo & Tile Corp. 671-4056  
Pacific Tile Co., Inc. 841-8534  
Pezzani, Bob Ceramic Tile 261-1580  
Sato, Robert Ceramic Tile 841-8811  
Wichert Tile Ltd. 955-6631



**St. Francis overlooks the Charlot Garden**  
The home in Kahala was designed by Wimberly, Whisenand, Allison, Tong & Goo 30 years ago.



**Blue Petroglyphs frame the kitchen**  
Above the appliances, two Micronesian masks

### ARCHITECTS, DESIGNERS, Please Note

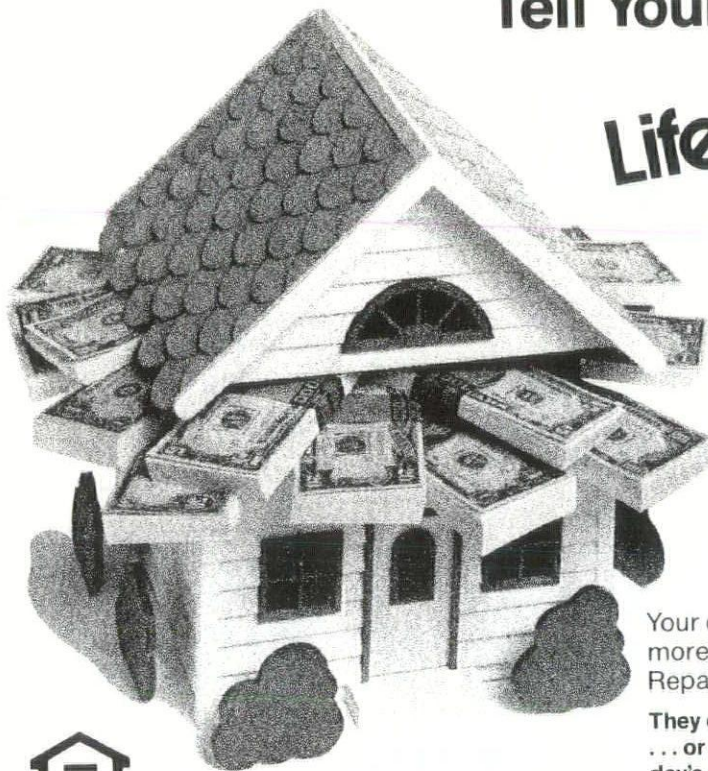
Every week in advertising in the Honolulu Sunday Star Bulletin & Advertiser Hawaii's tile contractors call special attention to your professions with this message:

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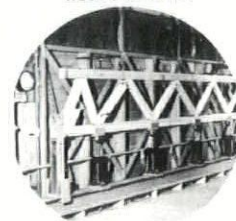
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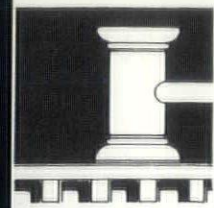
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## LEX SCRIPTA

Codes/Law

# Resolutions: Proposed Amendments

### RESOLUTION NUMBER 1

WHEREAS, the National American Institute of Architects has changed its membership categories and dues structure effective January 1, 1978; and

WHEREAS, the Hawaii Society, AIA's bylaws should be consistent with the National model, NOW THEREFORE,

BE IT RESOLVED, that the Hawaii Society, American Institute of Architects bylaws be amended by deleting ARTICLE II MEMBERS AND ASSOCIATES and substituting ARTICLE II MEMBERS as attached; and by deleting Sections 1 through 4 of ARTICLE III FINANCES and substituting new Sections 1 through 4, as follows.

### RESOLUTION NUMBER 2

WHEREAS, the Hawaii Society, American Institute of Architects has experienced membership growth over a broader geographic area including Neighbor Islands and the mainland since the adoption of the current voting quorum requirement; and

WHEREAS, the Society has encountered increasing difficulty in assembling the necessary quorum for the transaction of Society business, NOW THEREFORE,

BE IT RESOLVED, that ARTICLE VI MEETINGS AND ELECTIONS, Section 3 QUORUMS AT MEETINGS be amended as follows.

### ARTICLE II MEMBERS

#### SECTION 1. GENERAL PROVISIONS

- A. Types of Membership: This Society shall be composed of AIA members, members emeritus, associate members, student affiliates, professional affiliates and honorary affiliates.
- B. Standards: Members shall abide by the Institute's Bylaws, Rules of policy and Code of Ethics and Professional Conduct, and this Society's Bylaws.
- C. Provisions: Qualifications, admission requirements and privileges of members are those stated in the Institute Bylaws. This Society shall not establish any special provision for admission to membership which modify or nullify the bylaws or rules of policy of the Institute.

#### SECTION 2. QUALIFICATIONS

##### A. INSTITUTE AND SOCIETY MEMBERSHIP CATEGORIES:

1. AIA Member: Any person who is licensed to practice architecture in the United States and whose legal residence is in the domain of the United States, and who has honorable standing in the profession and community may apply for membership.
  - a. Assigned: An AIA member of the Institute assigned to membership in this Society by the Institute Board.
  - b. Unassigned: The Executive Committee, without action by the Institute, may admit to unassigned AIA membership status in this Society any assigned AIA member of another Chapter, provided that an application is made in writing in a manner prescribed by this Society.
2. Member Emeritus: Anyone who has been a member in good standing of the Institute for 15 successive years who is receiving benefits under the Federal Insurance Contribution Act or has reached the age of 72 years may apply to the Institute for member emeritus status.
3. Associate Member: Any person who is a legal resident of the United States and is employed in a professional or technical capacity under the supervision of a licensed architect directly related to the practice of architecture, or em-

ployed in circumstances recognized by licensing boards as constituting credit towards architectural licensing, is eligible to apply for associate membership.

##### B. SOCIETY MEMBERSHIP CATEGORIES:

1. Student Affiliate: Any person who is an undergraduate or post-graduate student of an architectural school or secondary school student within the territory of this Society may apply for membership.
2. Professional Affiliate: Any non-architect within the territory of this Society who is a member of a design related profession can apply for membership. Professional affiliates may include engineers, planners, landscape architects, sculptors, muralists and other artists, professionals in government, education, industry, research and journalism and other professionals whose work is related to the practice of architecture.
3. Honorary Affiliate: A person of esteemed character who has rendered the profession of architecture significant and valuable service within the territory of this Society and has conspicuously upheld its aims and is not eligible for any other membership category, may be admitted as an honorary associate by  $\frac{3}{4}$  affirmative roll-call vote of the entire Executive Committee.

Not more than one honorary associate may be elected in any one calendar year. The nomination, voting and election shall remain confidential until the Executive Committee ascertains the nominee's willingness to accept the honor and formal presentation is made at the annual meeting of this Society.

##### C. PRIVILEGES

**GENERAL:** All members and affiliates shall be entitled to the privileges as designated.

##### **SPECIAL:**

**AIA MEMBERS:** May use the titles granted by the Institute Bylaws.

**MEMBERS EMERITUS:** May use the title Member Emeritus written in full after the initials AIA or FAIA.

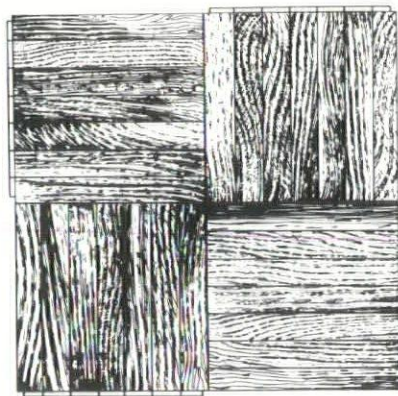
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## Resolutions

Continued from Page 11

**ASSOCIATE MEMBERS:** May use the title Associate Member of the American Institute of Architects.

### SECTION 4. TERMINATION

- A. Members and affiliates may not be terminated in good standing if indebted to this Society.
- B. Members and affiliates in all categories shall be terminated by:
  1. Death
  2. Resignation
  3. Admission to another member or affiliate category
  4. Member or affiliate no longer meets membership qualification
  5. Or as otherwise provided in these bylaws.
- C. An AIA member of this Society may be terminated only in accordance with the Institute's policies and bylaws.
- D. If the Institute terminates an AIA member, then ipso facto his status in this Society terminates.
- E. An honorary affiliate may be terminated by an affirmative roll-call vote of the entire Executive Committee. It can strike the member's name from the records for any reason it deems sufficient, provided it has offered the affiliate an opportunity to be heard in the matter.

### ARTICLE III FINANCES

#### SECTION 1. FISCAL YEAR

January 1 through December 31.

#### SECTION 2. DUES

A. Annual Society Dues: Every member and affiliate shall pay annual dues not to exceed the following:

AIA Members	\$100
Associate Members	
(first five years)	15
(thereafter)	30
Student Affiliates	5
Professional Affiliates	15
Honorary Affiliates	0
Members Emeritus	15*

(\*Fee to cover mailings. Dues waived if mailings cancelled.)

Annual dues shall be due and payable at this Society's office on the first day of each such fiscal year.

B. Supplemental Dues



1. Amount. Supplemental dues shall be based on the total number of registered architects employed by the firm including employers at the rate of \$125 each. Dues may be adjusted by the Executive Committee in accordance with the provisions of Section C. A supplemental dues credit shall be given at the rate of \$75 for each registered architect who is a member of Hawaii Society AIA as of January 2.

2. Obligation to Report. Each member shall report annually, on a form provided by the Society, whether or not he or she has an obligation to pay supplemental dues as set forth in this Section.

Failure to so report will result in termination of membership.

3. Obligation to pay Supplemental Dues.

3-A. Every member who is an owner or manager in an organization using registered architects to perform services for the public is jointly and severally liable for the payment of supplemental dues. hereinafter, such an organization shall be referred to as a "Firm".

3-B. A new member is not liable for payment of supplemental dues until January 1 of the year following admission.

4. Calculation of Supplemental Dues. Supplemental dues shall be calculated as follows:

4-A. Determine for the current year, as of January 2, the total number of registered architects (less emeritus members) employed by the firm, including employers.

4-B. Multiply the number calculated in subsection 4-A by the supplemental dues rate of \$125 each.

4-C. Subtract the amount established as a credit (\$75) for the current year for each registered architect in the firm who is a Hawaii Society AIA member paying regular dues. To qualify for this credit, a complete list of Hawaii Society AIA members in the firm must accompany payment of dues.

4-D. Remit the amount calculated under subsection 4-B, less the credit claimed under subsection

4-C, as supplemental dues, in full, with completed invoice.

Supplemental dues shall be due and payable at this Society's office on the first day of each fiscal year.

C. Reduction or Remission of Dues:

1. Within 45 days of the beginning of the fiscal year, the Executive Committee, by the concurring vote of 2/3 of its entire membership, may reduce the annual dues to be paid for the next fiscal year at any amount less than that fixed in these bylaws.

2. In exceptional instances and for adequate causes, the Executive Committee, by the concurring vote of 2/3 of its members may remit the annual dues of any member or affiliate, in whole or in part for any year, and such remission may be made retroactive.

### SECTION 3. ASSESSMENTS

A. Notice of the intention to levy an assessment, stating amount, the reasons for, and the date payable shall be mailed to every member and affiliate not less than 30 days prior to the meeting of this Society at which the proposed assessment is to be voted on.

B. This Society, by the concurring vote of not less than 2/3 of the total members and affiliates present at a duly scheduled meeting, may levy an assessment on its members and affiliates. Such an assessment shall be alike and equal within each member and affiliate category and the amount of the assessment shall not in any fiscal year exceed the amount of the annual Society dues required to be paid for that year.

C. An annual assessment shall be paid by this Society to the Regional Organization for the support of its activities. Per capita assessment shall be as determined by the Regional Organization.

### SECTION 4. DEFAULT OF ANNUAL DUES AND ASSESSMENTS

A. Default of Annual Dues: Every member or affiliate who has not paid the entire amount of his required annual dues by June 30, shall be in default. A default penalty shall be charged at the rate of 1% per month

on the unpaid balance of all annual dues in default.

B. Default of Supplemental Dues: Every member or affiliate who has not paid the entire amount of his required annual dues by June 30, shall be in default. A default penalty shall be charged at the rate of 1% per month on the unpaid balance of all supplemental dues in default.

C. Default of Assessments: Every member and affiliate who has not paid the entire amount of an assessment on or before the date fixed for said payment shall be in default for the unpaid amount.

D. Notice of Default:

1. The Secretary shall be required to send a minimum of two notifications to each member and affiliate in default at intervals established by the Executive Committee.

2. A list of members still in default on October 1 shall be submitted by the Executive Committee to the institute with a request that termination proceedings be initiated and finalized prior to December 31. When any such default is corrected the Secretary shall immediately notify the Secretary of the Institute.

3. All members and affiliates still in default on December 31 shall automatically be terminated.

SECTIONS 5, 6, and 7 of ARTICLE III remain unchanged.

### ARTICLE VI MEETINGS AND ELECTIONS

#### SECTION 3. QUORUMS AT MEETINGS

Now reads:

A quorum shall be necessary for the transaction of any business at a meeting of this Society. Unless otherwise specifically required by these bylaws, a quorum shall be a minimum of 20% of the entire Society membership privileged to vote on the specific matter being discussed.

Change to:

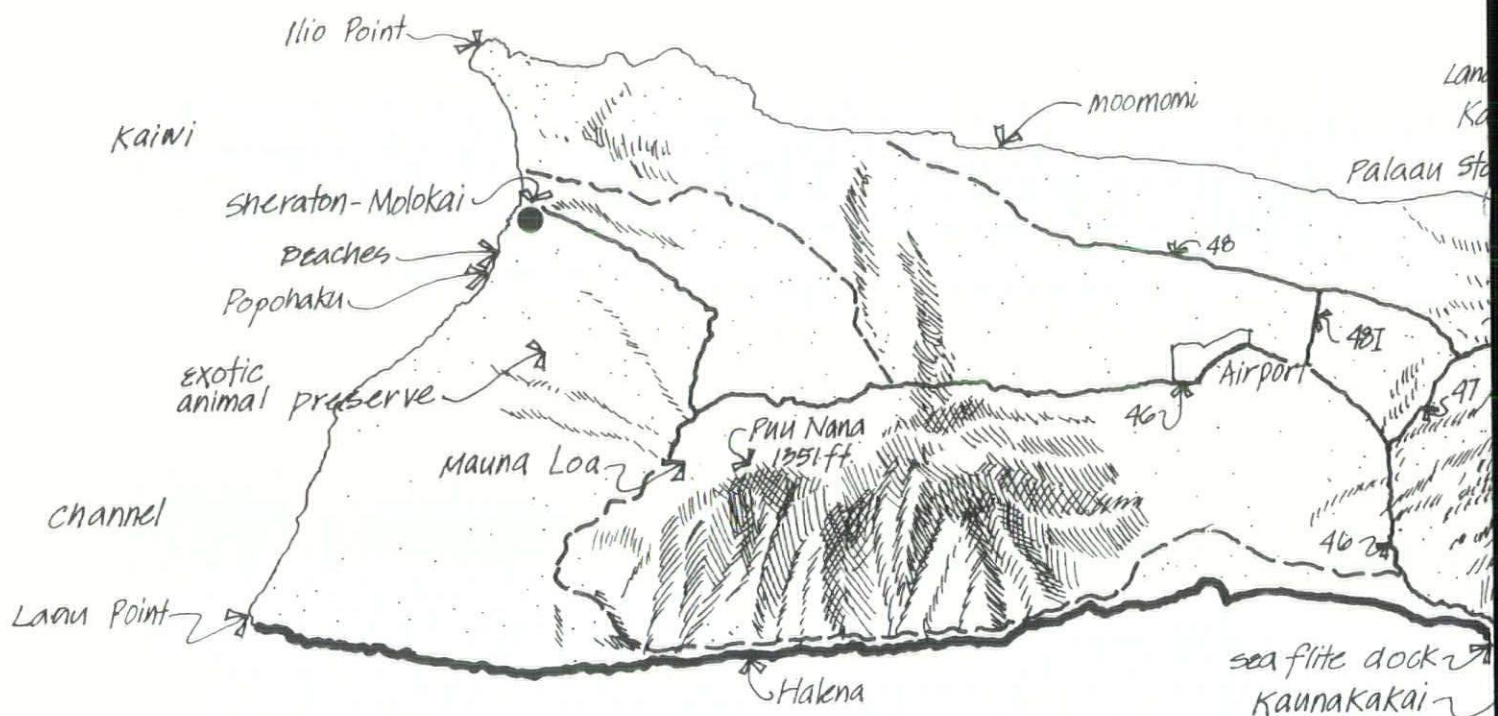
A quorum shall be necessary for the transaction of any business at a meeting of this Society. Unless otherwise specifically required by these bylaws, a quorum shall be a minimum of 10% of the entire Society membership privileged to vote on the specific matter being discussed.



# A Map of the Friendly Isle Molokai, Hawaii, U.S.A.

Research and Cartography

by T. E GARDUQUE, AIA



Pacific

Ocean

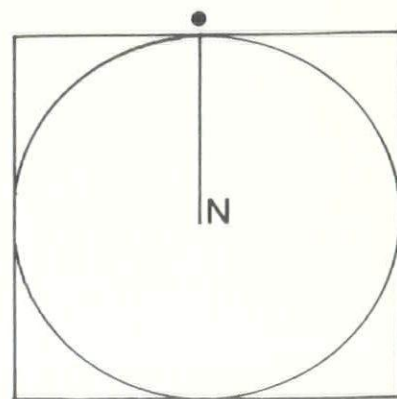
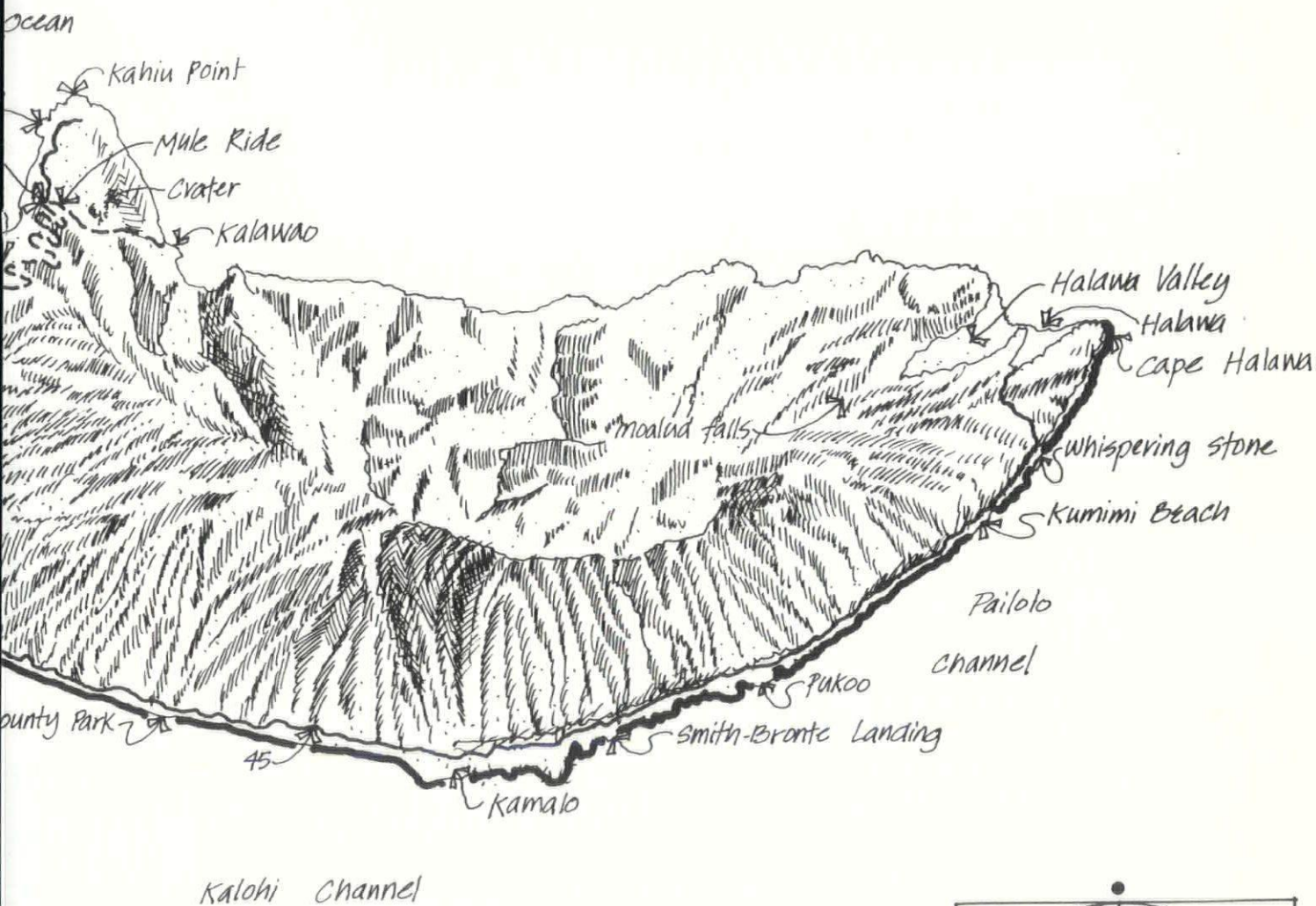
Extreme length:	38 miles
Extreme width:	10 miles
% of elevation with less than 500 ft.:	37.3%
% of area with slope less than 10%:	53 %
10%-19%:	21 %
20% or more:	16 %
Miles of sea cliffs with heights of 100-999 ft.:	15
1,000 ft. plus:	14
Longest perennial stream:	Wailua-Pukena Stream 6.5 miles
Airline distance from Honolulu:	54 miles
Area in square statute miles:	261.1
Miles of tidal shoreline:	106

## Suggested recreation areas:

Hunting:	High mountains
Scuba/Snorkeling:	Pukoo and Halawa
Surfing:	Popohaku, Moomomi, Kaunakakai, Halawa
Beaches:	Popohaku, Kaunakakai
Mules:	Kalaupapa
Golfing/Tennis:	Sheraton-Molokai

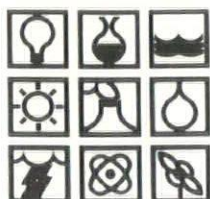


Molokai boasts a population of 5,261 (1970 census) with the majority of land tenure in private holdings. According to the 1970 Public Utilities Commission, Molokai uses 6,642 kilowatts of energy annually.



5.5 miles





# Program

# Hawaii State Architects Convention Energy, Resources, Alternatives



## PROGRAM THURSDAY, November 17

3:30 PM-6:00 PM Annual HS/AIA Business Meeting—  
Community Church of Honolulu  
Recess until Saturday, November 19



## FRIDAY, November 18

5:00 PM Aloha or Hawaiian Air group flight to  
Kaunakakai and bus transfer to  
Sheraton Molokai (optional)  
6:00 PM-8:00 PM Registration and check-in  
7:00 PM No-Host Cocktail Party (lots of  
delicious pupus provided!)

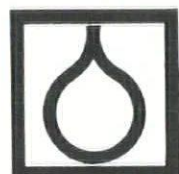


## PROGRAM SATURDAY, November 19

7:30 AM-6:30 PM Registration continues . . .  
8:00 AM Breakfast service for Plenary Session  
(concurrent meal service available for  
children)  
Invocation  
Welcoming Address  
Outline of Program Events  
9:00 AM-11:30 AM Energy games for children (no charge)  
Concurrent Workshop Sessions  
9:15 AM Environmental Carrying Capacity  
of Hawaii  
Speaker: Dr. Richard J. Marland,  
Environmental Quality Control  
Office, DPED, State of Hawaii  
Historic Perspective in Hawaii  
Panel: Dr. Barnes Riznik,  
Historic Hawaii Foundation,  
Spencer Leineweber, Russell Apple 4:45 PM  
10:15 AM Coffee—reconvene workshops  
11:30 AM No-Host Cocktails

## SATURDAY, November 19

12 Noon Lunch and Program  
(concurrent meal service available  
for children)  
Kalaupapa Development  
Speaker: Russ Apple,  
National Parks Service  
Pacific Historian  
1:15 PM Free Time  
2:00 PM Emerging Trends in the Pacific Basin/  
Their Impact on Energy  
Speaker: David Heenan, Dean, U.H.  
College of Business  
Administration  
3:15 PM Energy Allocation in the  
Interior Environment  
Panel: Legislation Affecting  
Architecture and its Interior  
Environment sponsored by ASID  
4:15 PM Free Time  
6:00 PM No-Host Cocktails  
6:00 PM Dinner and evening activities available  
for children (to be supervised by  
hotel staff)  
7:00 PM Banquet and Keynote Address  
Remarks  
Keynote Speaker: to be announced  
End of Formal Program



## SUNDAY, November 20

8:30 AM Breakfast service available at hotel  
dining room (not included in convention  
package)  
Optional activities begin  
Informal workshop/discussion  
sessions to pursue program topics  
further  
Kalaupapa Mule Ride (advance  
reservations required)  
Historic Molokai Tour  
Tennis Tournament  
Golf Tournament  
Molokai Ranch Tour  
Scuba Diving  
Individual Free Time for hiking,  
swimming, fishing, sunning, etc. etc.  
Bus transfer to SeaFlite pier for 5:25 P  
attitude wind-down cruise to Honolulu  
(optional)



# "I remember when we couldn't even buy a bag of rice."

**T**hose were hard times.

But we managed to save \$500 through the years so we bought a small potato chip business. I was working cannery then, and at night my mother, father, wife and I would sit down and peel the potatoes by hand. Three bags a day. We would wash them in a bathtub and slice the potatoes with an old hand-crank cutter. We tried all kinds of potatoes and all kinds of thicknesses . . . and by 1961 business was pretty good.

**S**o I borrowed \$5,000 from First Hawaiian Bank, moved to Wailuku and bought a little better equipment. That's when our chips really started to catch on.

**W**e got a good deal from First Hawaiian. It was easy. They even filled out the application for me. And I wasn't treated like a stranger . . . so my other loans have come from First Hawaiian too.

**W**e have been with First Hawaiian ever since my grandfather was in business . . . way back when it was Bishop Bank. The bank is good. They have all kinds of services. That's why we've been with First Hawaiian all the way."



Dewey Kobayashi  
Kitch'n Cook'd Maui Potato Chip Company  
Kahului, Maui

## First Hawaiian Bank

The bank  that says yes.  
Member: FDIC







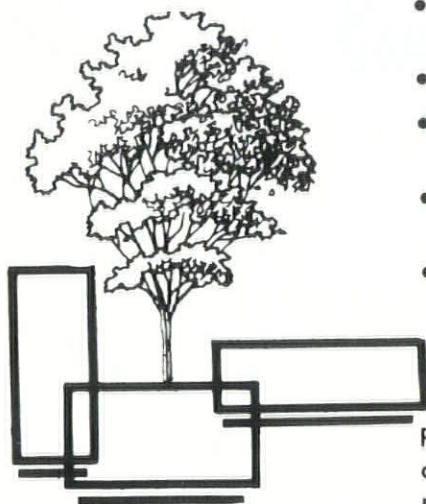
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## Positions on Issues

Continued from Page 8

### PROPOSED FLOOD HAZARD REGULATIONS: BUILDING, ELECTRICAL & PLUMBING CODES

Expressed concern with the potential aesthetic and economic impact of the ordinance and made the following specific comments:

1—It would appear that the regulatory flood level would vary with the amount of fill necessary to raise structures above this level.

2—The spacing of support members not less than 8 feet apart may create an adverse condition if debris of any size becomes lodged.

3—A maximum design velocity of flood waters should be established since this will vary due to the friction conditions of the terrain over which it passes.

4—Page 6, Item 5, Tsunami Design, is vague. Wave impact loads in pounds per square foot should be specified. It has been our experience that even designing under normal high surf conditions yields forces of greater magnitude when wave action is coupled with the impact effect of large boulders or other debris lofted by the waves.

### S. B. 1226 & S. B. 1227

Strongly supported the intent of S. B. 1226 and S. B. 1227 to establish a centralized coordinating agency at the county level to facilitate and expedite land use application, processing, and decision making without compromising the ability to evaluate each and every application on a careful environmental and economic basis.



## PROPOSED REVISION TO STATE FIRE MARSHALL'S REGULATIONS

Recommended that the current Fire Marshal's Rules and Regulations be amended to provide that compliance with County building and fire codes based on the Uniform Building Code and the Uniform Fire Code is deemed to comply with the State Fire Regulations.

## ART

### S. B. 674

For the following reasons recommended defeat of S. B. 674, which would reduce the funds provided for art commissions and purchases from 1 per cent of the building construction budget to 0.25 per cent.

1—The Hawaii Society/AIA represents a profession that encourages art in and around buildings.

2—We recognize that the appreciation of design in art and buildings should be brought to each person in our entire state. It should be accessible and visible to young and old, residents and visitors. It should enhance our daily lives.

3—The Legislative Auditor's report No. 76-3 indicates that progress has been made by the State Foundation for Culture and the Arts since its establishment and that further progress can be gained by following the recommendations of the report.

4—Any reduction of the percentage of funds available will be compounded by an already smaller construction budget. We

feel any reduction in art acquisition funding will adversely affect the buildings themselves and the community at large.

5—Additional monies are add-

ed to Hawaii's economy by Federal matching funds for some of the art programs funded by our 1 per cent budget.

Continued on Page 22

**colors  
patterns  
woodgrain  
designs...  
dimensionals**



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<i>woodgrains</i> <b>SELECT FROM 18</b>	<i>patterns</i> <b>SELECT FROM 28</b>

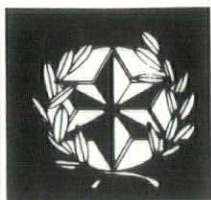
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## LAURELS exhibit award

# Offices and Research Laboratories, Hawaiian Sugar Planters' Association

by SANBORN, CUTTING ASSOCIATES, LTD.

### Location:

99-193 Aiea Heights Drive, Aiea, Oahu,  
Hawaii

### Client:

Hawaiian Sugar Planters' Association,  
Robert L. Cushing, Director

### Architect:

Sanborn, Cutting Associates, Ltd.

### Architectural Programmer:

Haydn H. Phillips, Inc., architect

### Civil:

Park Engineering, Inc.

### Structural:

Dimitrios Bratakos Associates

### Mechanical:

Ferris & Hamig, Inc.

### Electrical:

Bennett & Drane  
Electrical Engineers, Ltd.

### Laboratory Consultant:

Naramore, Bain, Brady & Johanson,  
Research Facilities Planning Division

### Interiors:

Sanborn, Cutting Associates, Ltd.

### Contractor:

Hawaiian Dredging & Construction Co.,  
Inc.

## Program

The Hawaiian Sugar Planters' Association complex had been on an eight-acre site in Makiki for over 70 years. In mid-1973, the property was condemned by the city for use as a park. Because the HSPA is an irreplaceable support and coordination for the entire Hawaiian sugar industry, the facilities required relocation and reconstruction. A location was selected at the C and H refinery site in Aiea.

The general program requirements were: (1) that the new facility be ready for occupancy and use by December 1975 (two years); (2) that there be a minimum disturbance in operations during relocation; and (3) that the facility be designed with this order of priority: function, economics, and aesthetics.

The total structure contains 80,000 square feet with 60,000 square feet of laboratory and the rest for administration and li-

brary services. The cost of the total project, including construction, professional fees, equipment, landscape, etc., was \$6 million or \$75 per square foot—an unusually economical cost for a laboratory, even by mainland standards.

## Solution

From the program, it was determined that there were three distinct operations within the function of the facility: administration, library, and laboratories.

Offices for the scientists are located along the exterior wall.

Special requirements included (1) a structural stability to reduce vibration for sensitive instruments; (2) special 24-hour temperature (and humidity) control rooms; (3) allowances for positive and negative pressures in sensitive experimental areas.

The laboratory design is established with a 10-foot by 4-foot module which permits the use of standardized lab equipment and casework and allows for the optimum work space between benches.

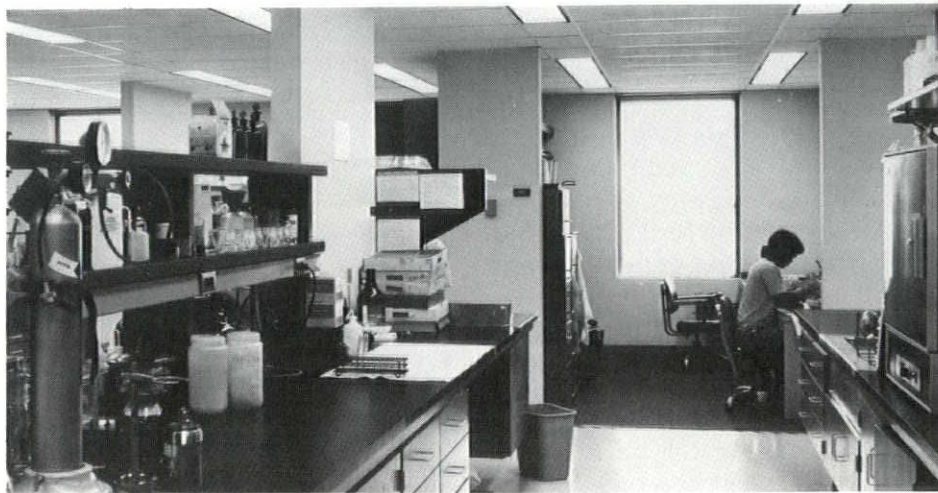
The library (for over 85,000 volumes) and the administrative support were located in a separate but attached portion of the structure. The laboratories were developed as a 100-foot by 200-foot four-level structure. This was in response to the modular desirability of laboratory function and equipment.

The design of the laboratory includes a "center core" which consists of all those elements which are for common use and support for all the departments.

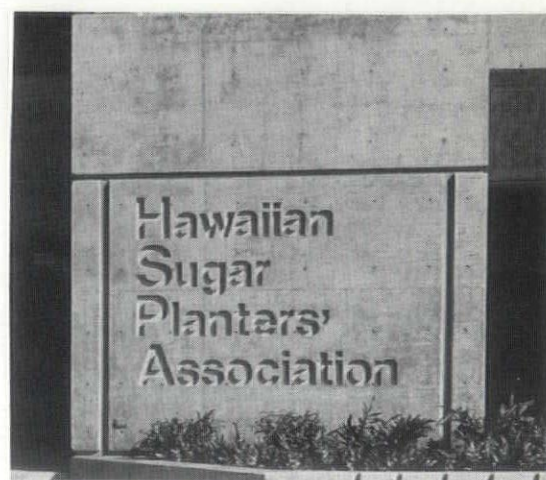
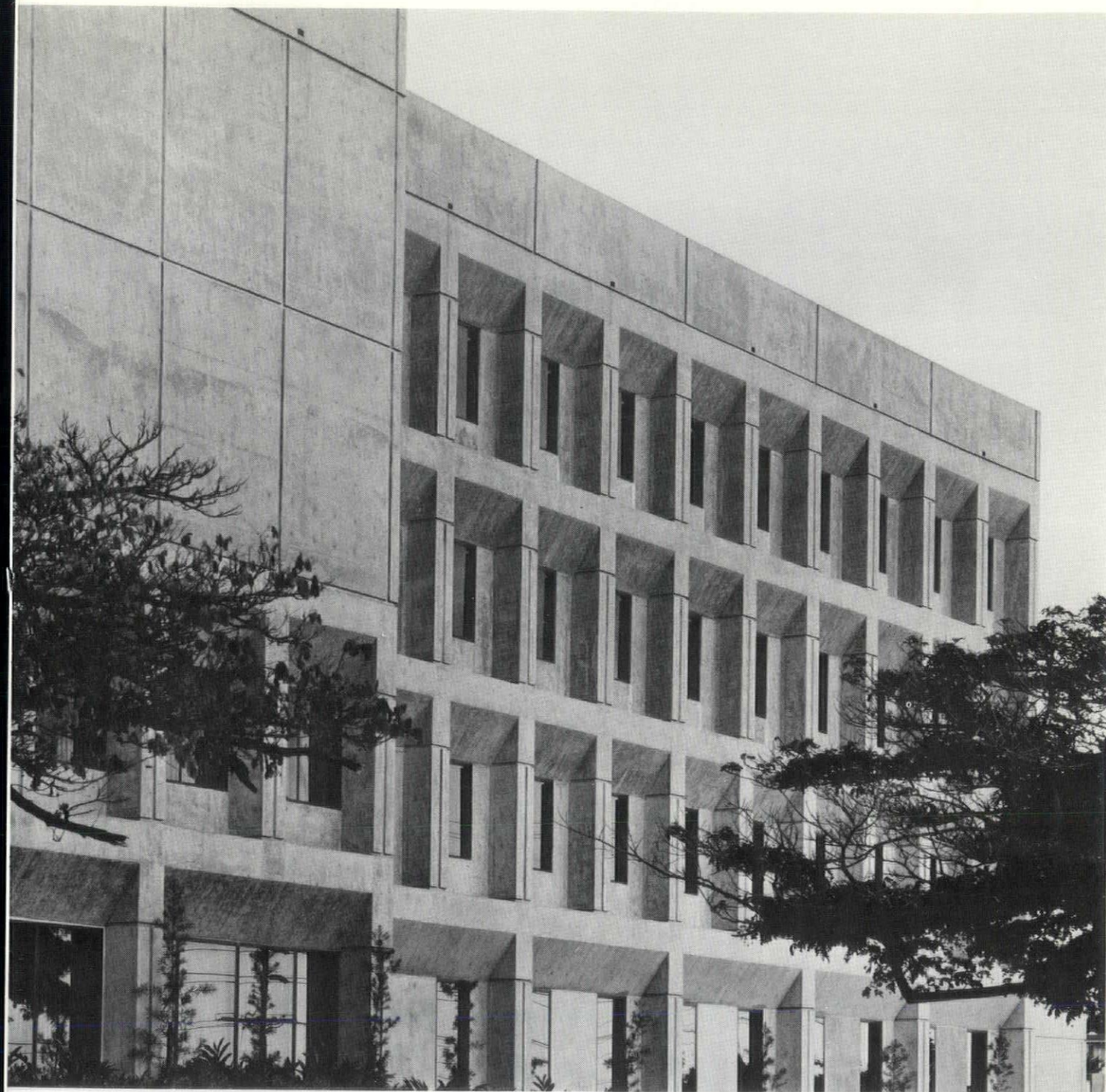
## Materials and Systems

The building is constructed of poured-in-place concrete with the floor system of precast, prestressed concrete planks with poured topping. Most interior walls are of standard drywall construction. Ceilings are lay-in acoustical tile. Floors throughout are carpeted except lab corridors and between work benches in the laboratories.

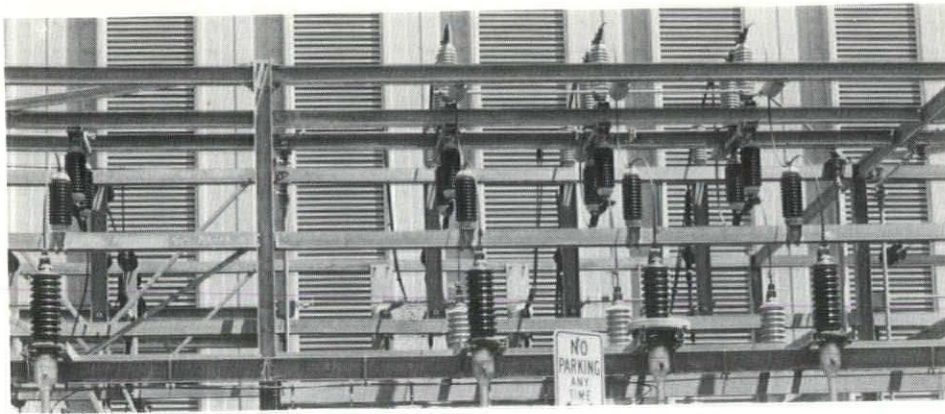
Air, except in special areas, is provided through a combination air/light system. The power requirements for the facility are provided by the generating capacity of the C and H refinery. HA









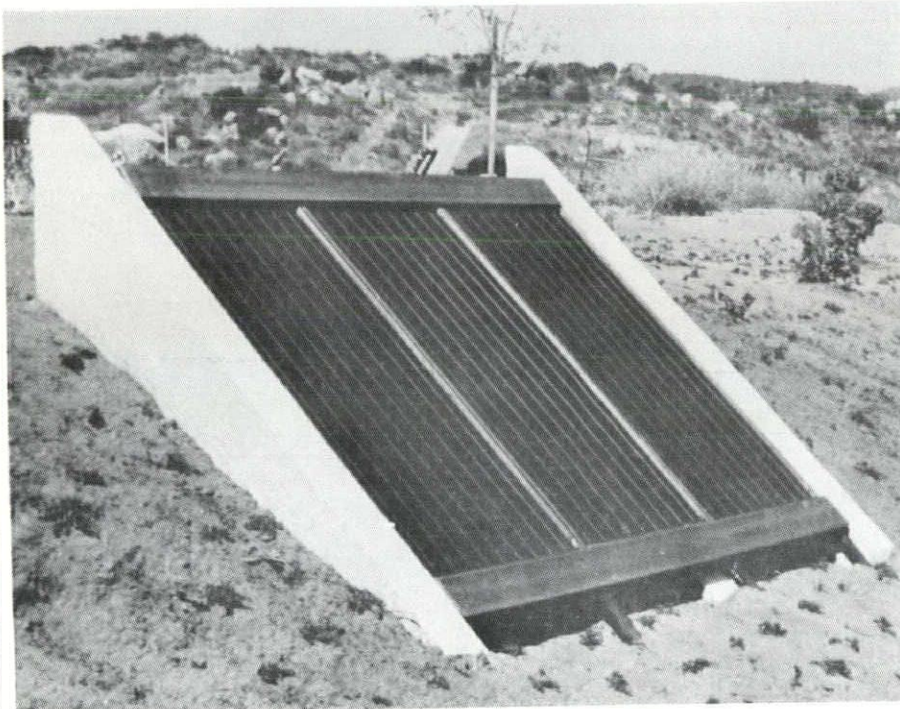


## Positions on Issues

Continued from Page 19

6—The State of Hawaii has set a precedent and has been a leader in establishing the 1 per cent allocation amount and many other states have followed this leadership.

## Who Said "SOLAR COLLECTORS SHOULD BE USED, BUT NOT SEEN?"



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3. Hawaii Housing Authority Waipahu Project
4. A&W Restaurant (Pearl City)

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## ENERGY

**S. B. 185, S. D. 2: A BILL FOR AN ACT RELATING TO ENERGY CONSERVATION.**

Recommended that:

- Our present energy lifeline to the outside be exempt from disruption.

- The development of renewable sources of energy should be encouraged.

- The development of an energy performance standard for the built environment be adopted.

- ASHRAE 90-75 be adopted, provided that it is temporary, will expire as soon as performance standards are developed, and it can be amended to suit Hawaii's unique needs.

- Various government agencies devise and amend existing standards, policies, etc., to encourage the conservation of energy.

## CONSTRUCTION

### COMMON SITUS PICKETING

Supported the defeat of the bill for the following reasons:

1—It would disrupt the smooth, continuous activity by independent contractors on a construction site and ultimately lead to higher costs for the consumer.

2—It would jeopardize the profitability of the independent subcontractors on a construction site.

3—It would contribute to a spiraling increase in our economy which would have an adverse effect for everyone. **HA**



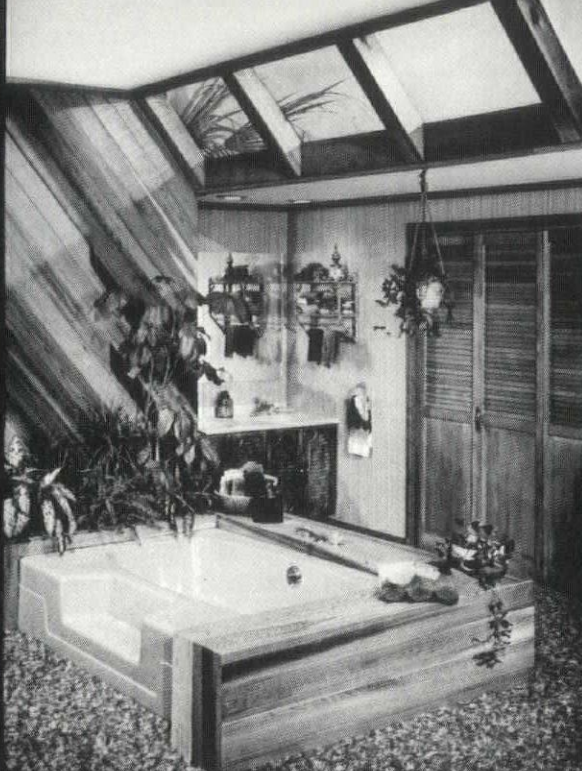
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## ENERGY

# Some Energy Related Projects in Hawaii

by JIM PEARSON, AIA

Since the Arab oil embargo and the gas lines, it seems more has been said about our energy problems than has been done about them—that is until this year. The year 1977 has seen more activity in energy conservation both nationally and locally than in all previous years combined. In fact, it seems President Carter's April energy address to the nation was the turning point. We got the bad news that there really is a crisis and we had better all get busy doing our part.

I will try to outline some of the local programs and projects. But because conservation sweeps a wide swath through all types of buildings in the public, private, and military sectors, it will necessarily be only part of what's going on.

For commercial buildings, energy audits are being conducted all over Honolulu. A handful of consultants are using various energy management forms and systems to help building owners save up to 25 per cent of a building's energy usage.

A typical "total energy management" program consists of a gathering of records of previous consumption, a series of walk throughs, both day and night, and recommendations and implementation of "quick fixes." These immediate solutions are practical, operational changes like thermostat resetting, time-clocks for equipment cycling, and minor mechanical equipment changes. Partial credit for some of these energy reductions must be given to the public agencies which have given variances or cooperated in other ways to allow such things as less outside air, lower lighting levels, and

operational temperatures of 78 degrees Fahrenheit and 68 per cent humidity (instead of 75 degrees F. and 50 per cent humidity).

Building managers are doing their own quick fixes with the combined efforts of groups such as the Building Owners and Managers Association (BOMA).

The military, with its unique ability to "give orders" to its building users, has made enviable building energy cuts locally, and large private building owners such as Amfac, Bank of Hawaii, and Pacific Trade Center have led the way in the private sector with up to 25 per cent electrical reductions.

The University of Hawaii (which uses about a third of all state government buildings energy) has been doing similar "fixes" to its major buildings. The University is looking at a central loop chiller system use of its computer to operate mechanical systems and natural ventilation for some existing air conditioned classroom buildings. An architecture department graduate student has just received a grant to do a computer energy analysis of a major campus building.

The Energy Research and Development Administration (ERDA) and HUD have been supporting local solar demonstration projects including a solar water heating system for a Hawaii Housing Authority apartment building, and the Banyan St. Manor apartment system (which is billed as "probably the world's largest thermosyphon solar water heating system.") A recent HUD grant solicitation

for solar demonstration projects for hotels and motels brought dozens of Hawaii applicants. FEA and ERDA have held several educational workshops including two for restaurant energy conservation.

The count of solar water heating companies in Hawaii needs revising upward almost daily and representatives from some of the 25 or so solar firms in Honolulu have been canvassing neighborhoods sometimes using zealous, but questionable claims of their products capability.

"The Hawaii Home Energy Book" will be on the newsstands before the end of the year and will attempt to answer most of solar questions regarding such things as payback, installation, and do-it-yourself systems, and other. An illustrated product directory will show most of the solar and other energy saving products now available locally. It will also cover natural ventilation, sun control, rates, water conservation and the rest.

The governor is in the process of having a solar system installed at Washington Place, but many families are waiting for President Carter's 40-50 per cent credit to be approved by the Congress.

The Hawaiian Energy House has recently completed a successful one year open house and due to the public response, publicity, and some recent awards, the Sunday 2-5 p.m. open houses have been extended to February 1978.

Results of the first year's monitoring have shown the electrical consumption for the house was only one-third of a typical size of



Hawaii house and family.

The October issue of *Sunset* magazine carries the announcement of the 1977 *Sunset/AIA* Western Home Award winners and the Hawaiian Energy House won a top Honor Award. This is an honor for Hawaii, HHA, and the University—and a very happy occasion in this author's career.

Through our recently established private architectural practice in Honolulu, we are working on other energy demonstration housing projects, private energy houses, and related consulting work. We have assisted two of our clients in getting agency approvals to use the Clivus Multrum indoor composting toilets and accompanying grey water recycling system (see Sunday Advertiser, Sept. 8, '77). This is the first such approval in the State.

On a recent research trip to Maui for a new architectural magazine, we reported on Hawaii's alternate energy picture and the many Maui homesteaders there getting involved with energy and lifestyle self-sufficiency. (See *Alternate Architecture*; Oct.-Nov. '77).

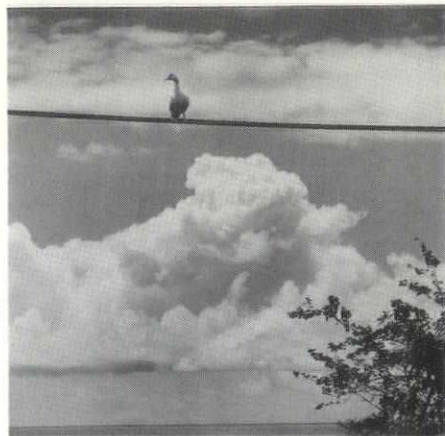
Also, Maui Community College planned an energy fair for October with speakers, exhibits and workshops geared chiefly for homeowners.

We have seen most of the building energy conservation work locally has been in existing buildings and has largely been mechanical/electrical rather than architectural. Cost effective conservation work thus far has been in the "quick fixes" and energy management programs.

As electric rates continue to climb (Hawaiian Electric rates increased about 14 per cent effective September 1), it will become cost effective to expend capital for solar glass, sun control louvers and overhangs, roof insulation, ventilation devices, or dozens of other architectural improvements.

With too few new naturally ventilated public buildings ap-

pearing, it will be particularly significant for our state AIA convention to convene at the Sheraton Molokai. The new Sheraton is one of the first Hawaii hotels in years to be done completely without air conditioning and it could not be more appropriate at this time for us to meet and discuss this convention's energy theme under the high ceilings, the tropical fans, and the latticed wall panels of this hotel. HA



## MASONRY



A view of Waipahu Estate Subdivision, 135 fee simple masonry homes with Monier tile roofs; a development of NHK Builders, Inc.

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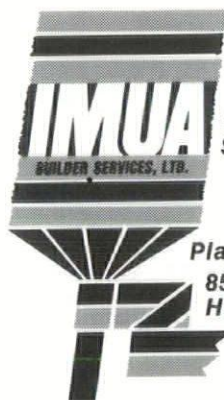
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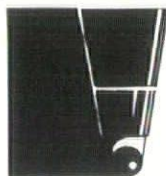
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**BALLPOINT**  
commentary/letter



HERBERT T. MATAYOSHI  
MAYOR

August 26, 1977

Mr. Donald Goo  
President, Hawaii Society A.I.A.  
1192 Fort Street Mall  
Honolulu, HI 96813

Thank you for your recent letter pointing out the concerns of your society regarding the selection of consultants on non-bid government work.

I appreciate the sentiments expressed by you in wanting to establish a fair and equitable system for the assignment of architectural and engineering contracts. I agree that recent disclosures by other jurisdictions have created an impression that favoritism plays an important role in the selection process.

Hawaii County has long recognized the need for the assignment of work based on merit considerations. We have been able to accomplish this by the establishment of a pre-qualified list of architects and engineers developed over the years based on interest indicated, competence, expertise and knowledge in specific areas of design. For example, for sewage treatment plant design, we refer to the pre-qualified list prepared by the State Department of Health in response to PL 92-500.

Selections are based on: (a) experience of the consultant in the type of work being considered, (b) capacity to satisfactorily complete the task in the allotted time and (c) past performance on other assignments.

I support your efforts in bringing the selection process out into the "sunshine" and look forward to working with your society in achieving this end.

With personal regards,

*Herbert T. Matayoshi*  
HERBERT T. MATAYOSHI  
Mayor

COUNTY OF HAWAII • HONO, HAWAII 96720

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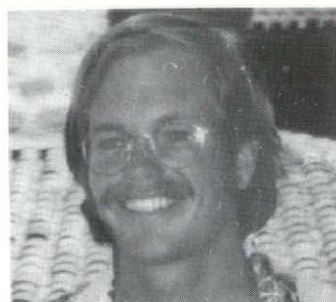
As a holding base for the Ferro cement, eight layers of one-half inch stucco mesh are wire-tied to the frame of the hull four layers on each side. With the cement in place the hull is close to an inch thick.

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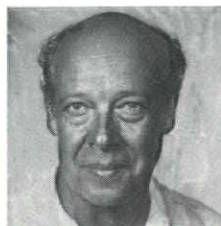
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**STEFAN PAUL SCHWEITZER,**  
AIA Member; Laber/Schweitzer & Associates. B. Arch., California State Polytechnic University. Hobbies: cinematography.



**CLIVE KIENLE,** AIA Member; Self-employed. B. Arch., University of Oregon. Wife: Cathie. Children: Chris, Carrie, Clive Jr. Hobbies: sailing, gardening, music.

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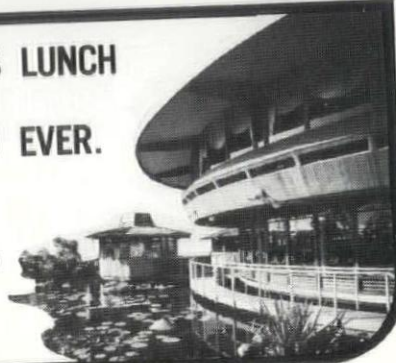
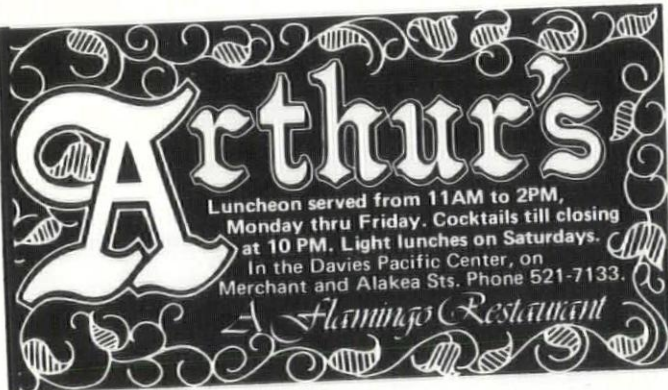
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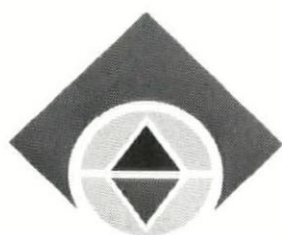
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