

# HAWAII ARCHITECT

December 1987

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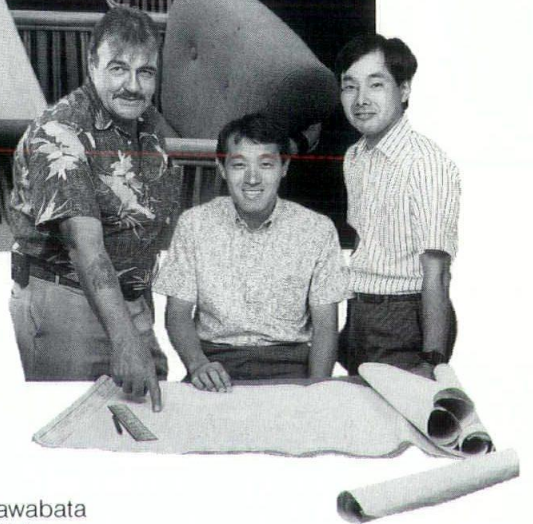
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Takashi Niino  
Director/GM— Nitto Hawaii Co., Ltd.  
DBA/Makaha Valley Country Club

Akira Kawabata  
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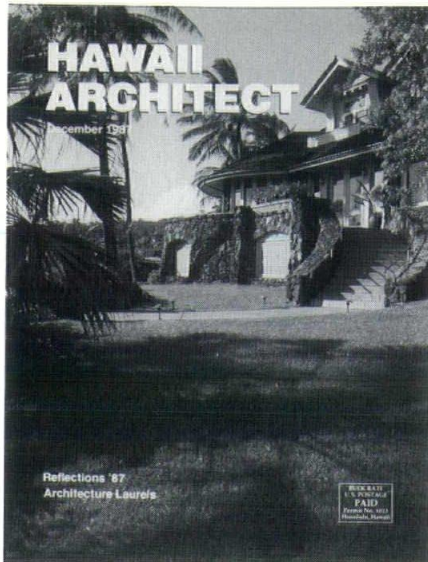
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*Cover: The President's Home at Punahou was redesigned and adapted as a residence and as a noted entertainment center for visiting dignitaries. David Franzen Photography.*

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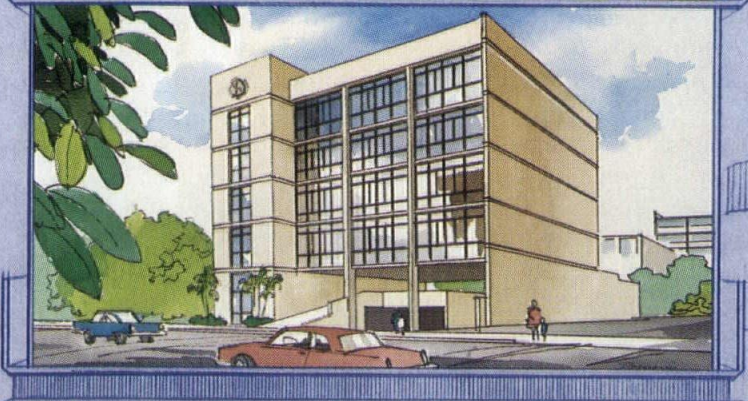
For more information, call Robert Okubo at 525-7837, or Jim Wayman at 525-7815. In the meantime, take a look at a few of our success stories.



1



2



3

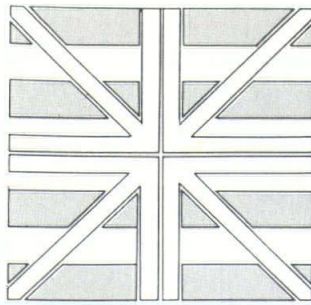
**1.** Windward Town & Country Plaza Shopping Center, with 55,000 square feet of leaseable area. The project has been appraised for \$8,135,000.

**2.** The Residence at Punahou, a condominium project consisting of 19 two-bedroom and 4 one-bedroom units. The project has been appraised at \$2,432,000.

**3.** Hawaii Medical Association Building, a 22,400 square foot, four-story office building. The property has been appraised at \$3,260,000.







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PRESIDENT'S MESSAGE

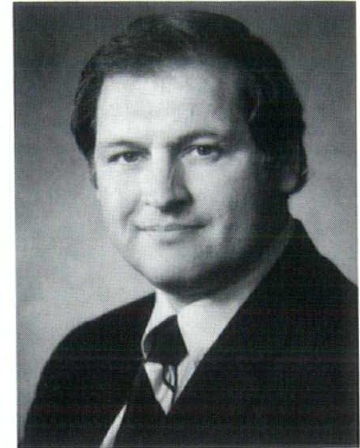
**Beyond Time**  
**The Year in Review**

by Evan D. Cruthers  
President, Hawaii Society/AIA

“Of all things, I honor beginnings,” said Louis Kahn in *Time Beyond Time*. “I believe though,” he continued, “that what has always been and what is has always been, and what will be has always been. I do not think the circumstantial play from year to year, from era to era, has anything to do with what is available to you. The person of old had the same brilliance of mind that we assume we have now. But that which made a thing become manifest for the first time is our great moment of creative happening.”

**The Joy of Creative Happenings.** The HS/AIA is a movement, built year to year since it began, on the continuity of beginnings and creative happenings, each adding its part to the whole. It has been a privilege for me to be your partner in continuing that movement, and to be a part of the beginnings and great moments of our professional organization and its members, commissions, standing and ad hoc committees and special task forces, board of directors and officers, this year and in the past, all of whose work is collectively reflected in the HS/AIA as it is today.

**On Time, On Budget.** Our 1987 program, consisting of goals and objectives, was coordinated with our 1987 budget by line item, to ensure that our projects received the resources required for actualization. My congratulations to our commissioners and committee



Evan D. Cruthers

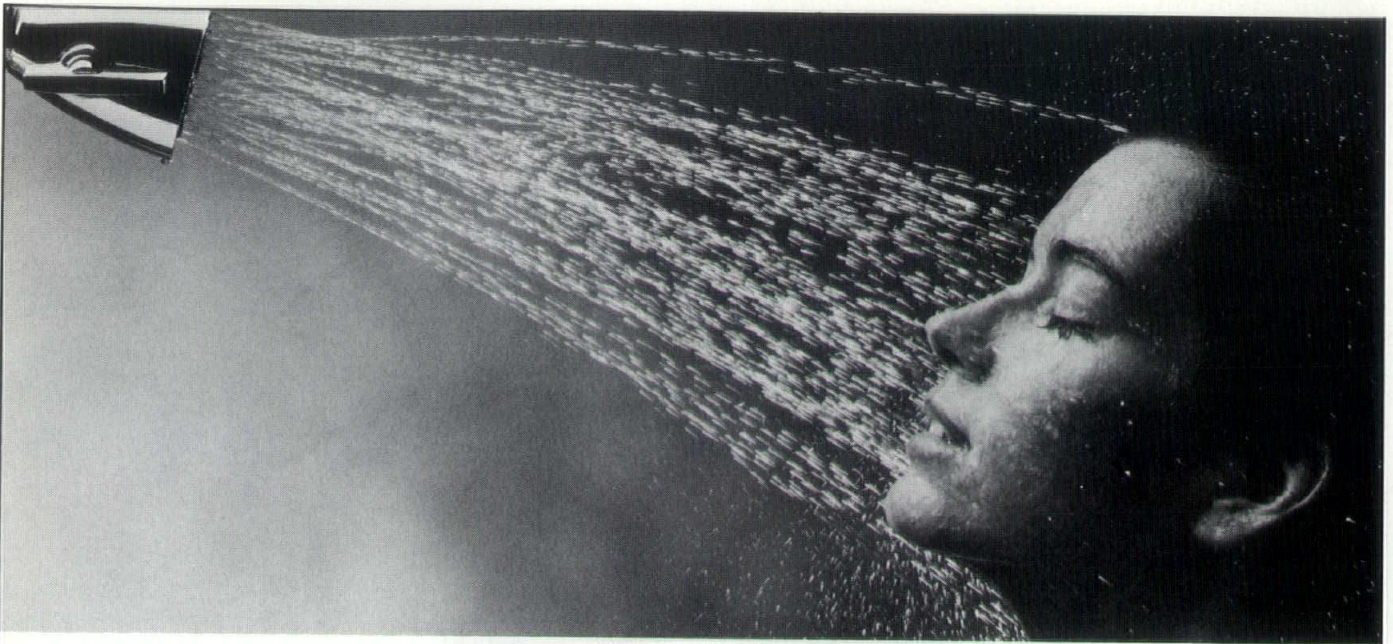
chiefs for their effectiveness in keeping our program on track, with quarterly reviews and reprogramming of tasks and resources to meet the needs of our members and priority events.

**Increased Membership, Non-Dues Revenue and Cost Savings.** The Society met its goal of increasing membership in all categories, regular, associate and student. Our non-dues revenue was also increased, and as a result, there will be no increase in dues for 1988, our fourth year without a raise. A flier program, introduced in the monthly *MEMO* mailing to our 650 members, resulted in a substantial reduction in compiling, printing and mailing costs.

**Reorganization.** In February, day-to-day operations became the duties of the Executive Vice President, and also this year, our Big Island members reorganized as the Hawaii Island Section. We are proud of its work in its organizational growth and

(continued on page 9)





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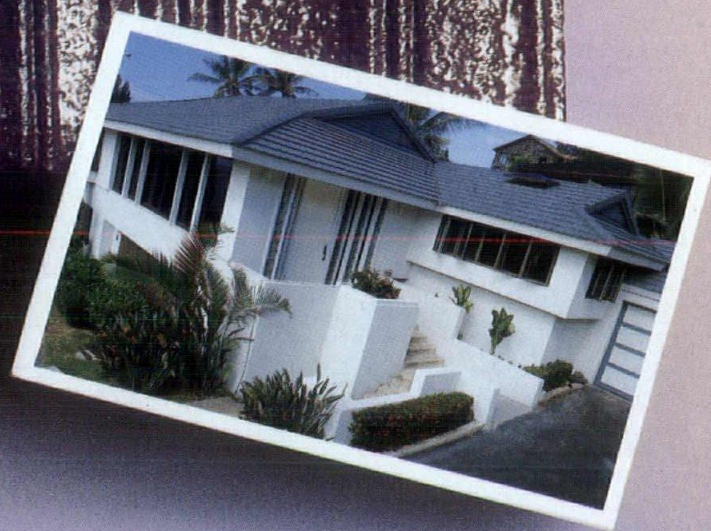
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(continued from page 6)

financial independence, as we are of the Maui Section, reorganized in 1984. A special task force on the development of our sections and the structure of the Society resulted in a resolution, passed at the State Convention, to develop a solution for membership to consider next year.

**Sound Business.** Toward the Society's goal for a one-year program to provide education in practice management and AIA resources, the "Workshop Mini-Series" of 10 workshops and two seminars covered promoting yourself and your company and other valuable "how tos." The open discussion format maximized input and questions by participants, and the program was well-received.

**Second to None.** The Society's program of architects in the schools and our annual design awards fostered public awareness, understanding and appreciation of architects and the profession. The Second Annual HS/AIA Golf Tournament and the Second Annual Designers' Bash, now on the threshold of becoming perennial events, gave members the opportunity to enjoy fellowship and fun with others in design and related professions.

**BOSS.** The Business and Operational Statistical Survey (BOSS) was one of the ways in which the Society met its goal of supporting you in your professional and economic success. Prepared, mailed, returned, compiled and published over a six-month period, it was distributed at the State Convention, and will be mailed to members who could not attend. A summary of the survey is presented on page 10. We are grateful for the sponsorship of Pacific Construction Company, Ltd. and donations from 19 HS/AIA members and firms, which helped to defray the cost of this membership benefit.

**The Long Ranger.** The

compilation of a long-range plan to the year 2000, a first for the HS/AIA, was a significant achievement by a group of members, led by our president-elect, Norman Hong. The entire Society membership was asked to review the plan, and comments and suggestions were evaluated and incorporated. The long-range plan was presented and approved at the State Convention, and specific strategies will be aligned with plan goals during 1988.

**The State Convention.** With the support and participation of all commissions, committees, sections and members of the Society, "Archifest 87: Planning Toward the Year 2000," was a great success. A quorum of membership was easily achieved, with a large contingent of section members and tremendous response from Oahu. Participants enjoyed a solid agenda of HS/AIA and public issues, the new AIA documents, success strategies and other educational opportunities, as well as fellowship among colleagues.

**The Waterfront Reawakening.** In addition to active involvement in the legislative process, the HS/AIA project, "Design Focus: Honolulu Waterfront Reawakening," furthered the Society's participation with government and other sectors of our community. Following Governor Waihee's series of public briefings, and working with the Hawaii Community Development Authority, the charette weekend in November, with the American Planners Association and the American Society of Landscape Architects, will progress to input to the 1988 Legislative Session as our contribution to resolving a statewide concern for improving the environment and quality of life in Hawaii.

**Forward to the Future.** It was a year of "back to basics and forward to the future," and as in years before, a year of beginnings

(continued on page 27)

## HAWAII SOCIETY/AIA PRESIDENTS

1931-1987

William C. Furer	1931
Mark W. Potter	1932
William C. Furer	1936
Vladimir Ossipoff	1942
Hart Wood	1943
Guy M. Rothwell, Sr.	1944
Kenneth W. Roehrig	1945
Philip C. Fisk	1946
Edwin L. Bauer	1947
James Morrison	1948
James C. Simms	1949
Cyril W. Lemmon	1950
Alfred Preis	1951
Kenji Onodera	1952
William D. Merrill	1953
George Wimberly	1954
Robert M. Law	1955
Harry W. Seckel	1956
Richard N. Dennis	1957
Howard Cook	1958
Douglas W. Freeth	1959
Francis S. Haines	1960
Clifford Young	1961
Gordon W. Bradley	1962
George Whisenand	1963
Paul D. Jones	1964
Vladimir Ossipoff	1965
Ernest H. Hara	1966
Edward Sullam	1967
Donald D. Chapman	1968
Herbert K. C. Luke	1969
Gerald Allison	1970
Joseph Farrell	1971
Donald Dumlao	1972
Charles R. Sutton	1973
Sidney E. Snyder	1974
Owen Chock	1975
Edward R. Aotani	1976
Donald W. Y. Goo	1977
E. Alan Holl	1978
James N. Reinhardt	1979
Jack C. Lipman	1980
Donald D. Chapman	1981
Francis S. Oda	1982
Lewis Ingleson	1983
Christopher J. Smith	1984
Elmer E. Botsai	1985
Arthur A. Kohara	1986
Evan D. Cruthers	1987

*For our files, we are searching for photographs of each president taken around the time he served in office and information on his present whereabouts. All photographs will be returned.*

*Write to Hawaii Architect, PMP Company, Ltd., 1034 Kilani Avenue, Suite 108, Wahiawa, Hawaii 96786 or call Anita Choi, managing editor, at 621-8200.*



## Hawaii Architectural Firms Studied in Survey

by Ted E. Garduque, AIA

Over the course of the past few years, the general membership of the HS/AIA had expressed a growing interest in a Business and Operational Survey (BOS). Such a survey would collect and disseminate information regarding types of practice, financial operations, human resources and other data of member HS/AIA firms throughout the state of Hawaii.

At long last, the BOS Survey is completed and the results were issued to the membership at the recent Archifest 87 state convention in November. A presentation of these results was made during the HS/AIA annual meeting. As with any group of statistics, results can be endlessly reinterpreted and analyzed. Nevertheless, the BOS Survey does show trends which will have far-reaching consequences for our present, as well as our future practice as architects.

The purposes of the survey were:

- To benchmark the business and operational status of practicing architects and engineers in the state of Hawaii. The last survey of this type was done here in 1974, while a survey of wages and salaries was last completed in 1982.
- To supplement data for the Hawaii Society/AIA 1987 Long-Range Planning Committee, enabling them to make projections for the present and the future of the Society.
- To make a profit to support

other AIA programs. This projection was based on the sale of 100 copies of survey results at \$125 each. However, the committee was able to find a sponsoring firm, Pacific Construction Co., Ltd., who contributed \$4,000. It was decided to subsidize the remaining costs, in order that all HS/AIA members could have a copy. This breaks down to under \$2 a member.

It was decided to extend the survey population to include members of the Consulting Engineers Council. The participation of 100 firms was desirable. When the final format of the survey was completed by the BOS Committee, forms were printed and mailed to 200 architectural firms and 60 engineering firms. The response rate was 23.5%, which was better than the desired goal of 15% projected by the committee.

Survey questions were organized under several major groups and the results reflect these question groups. They were: Services, Financial Data, Practice-Development/Marketing, Human Resources and Operations. In several categories, data was broken down into statistics by the size of the firm's staff: small (0-5 employees), medium (6-20 employees) and large (21+ employees). In areas regarding compensation, a distinction was made between architectural and engineering firms. Definitions were provided in the margin of the

questionnaire to ensure as much as possible "an apple is an apple" response among participants. Samplings did include responses from Maui and the Big Island. No responses were received from Kauai, Molokai or Lanai.

### *Executive Summary*

This survey was the most comprehensive study of the architectural services industry in the state of Hawaii ever conducted by the HS/AIA. Similarly, the National AIA has produced a 1987 AIA Firm Study, which was also its most comprehensive study ever done in the United States. The National Survey sells for \$195 each. The National Survey based responses on 1,800 architects across the country of which 85 percent of the firms interviewed had less than 10 full-time staff members. Comparatively, for Hawaii the mean number for staff was 14.0. Surprisingly, firms interviewed in Hawaii indicated that their sizes had dropped by almost a percent for small firms and .9% for medium firms since 1983. On the other hand, since 1983, large firms have increased their staff amount by 1.5%. This indicates a conservative-to-stabilized growth in staff over the past four years on a statewide basis.

Most architectural firms expect modest growth over the next 12 months, as well as over the next two years. Small firms indicate a .5% staff increase, medium firms indicate 1.3% staff increase and large firms indicate a 3.9% staff



increase over the next 12 months. Over the next two years, small and medium firms will remain conservative at 1.2 and 2.7 staff increase, respectively, while large firms project increases in their staff of at least 10 persons.

It is not surprising that traditional architectural services remain the primary business for architectural firms. Small firms tend to concentrate in the practice of architecture, while medium and large firms spread their services among interiors, planning, graphics and other services.

The mean gross revenue for a small firm is \$225,000 with a net revenue mean of \$162,583. Medium size firms made a quantum leap with a gross revenue of \$758,000, while larger firms made even further leaps of \$6.1 million. What these numbers represent is a startling growth in dollar volume over last year.

Small firms increased their gross revenues by 18%, medium

firms increased by 15%, while large firms increased by a whopping 22%. This would seem to indicate a healthy economy for the design profession.

As a generality, Private Direct Rates indicate that architects charge more per hour than engineers. Last year, 85.7% of small firms indicated that they had a profitable year; as well as 76.9% of medium firms and 70% of large firms. This is about on par on the national level. Hawaii firms were also asked if they expect to be profitable this year, and trends show that 85% of all firms indicate that they would be profitable. A most interesting statistic was that the small firms indicated that they would be the most profitable at 19.9% of their gross revenue, while medium firms indicated 12.2% and the larger firms at 10.6%.

The mean gross revenue for the state of Hawaii practitioners is \$1.25 million while the national trend indicates a \$560,000 per

year gross revenue. It appears that our study is weighted due to the phenomenal dollar volume of larger firms. Nationally, the profession has grossed \$7.3 billion of which \$5.5 billion were operating revenues.

Expectations for the next and upcoming years indicate that the greatest source of business for architects will be in the commercial industries, followed by housing, then industrial and others. The National Survey indicates that the New England area will expect increased business performance, while the Pacific Southwest is about fifth in terms of increased performance of the nine regions.

In terms of annual and salary range compensation for design professionals, there has been an increase of at least 10% over the 1982 wage and salary survey. Not surprisingly, our survey indicates that the smaller firms pay less

*(continued on page 31)*

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# The Formosan Termite: Hawaii's Most Damaging Insect

by Minoru Tamashiro, Professor of Entomology;  
Julian R. Yates, Assistant Professor of Entomology;  
Richard H. Ebesu and Robin T. Yamamoto, Research Associates

**T**he Formosan subterranean termite, *Coptotermes formosanus* Shiraki, is, by far, the most damaging pest in Hawaii. The cost of preventing infestations, the remedial control of active infestations and the repair of damage caused by this termite has been estimated at over \$60 million a year. Much of the cost is due to the insidious nature of the attack by this pest, which is usually so unobtrusive that the termite may cause a tremendous amount of damage before the infestation is discovered. Prevention, therefore, is critical with this pest.

The Formosan is now found throughout most of Oahu and Kauai, and in restricted areas at seaports and their immediate confines on the other islands. The problem will be aggravated as the termite spreads to areas where it does not occur, and as population density of the termite increases in areas where it does occur. The termite spreads actively by swarming, and passively by being transported by man.

Major swarms usually occur in May and June, but small swarms do occur in every month of the year. To start a new colony, the alates or swarmers have three basic requirements:

- The first is food, which is anything with cellulose. Cellulose is a chief substance in the cell walls of plants so is found in all plant products.
- The second requirement is moisture. Just high humidity is

sufficient in this case, as free water is not required.

- The third is a place to get started. The alates need a hole, crack, joint, or some other starting point.

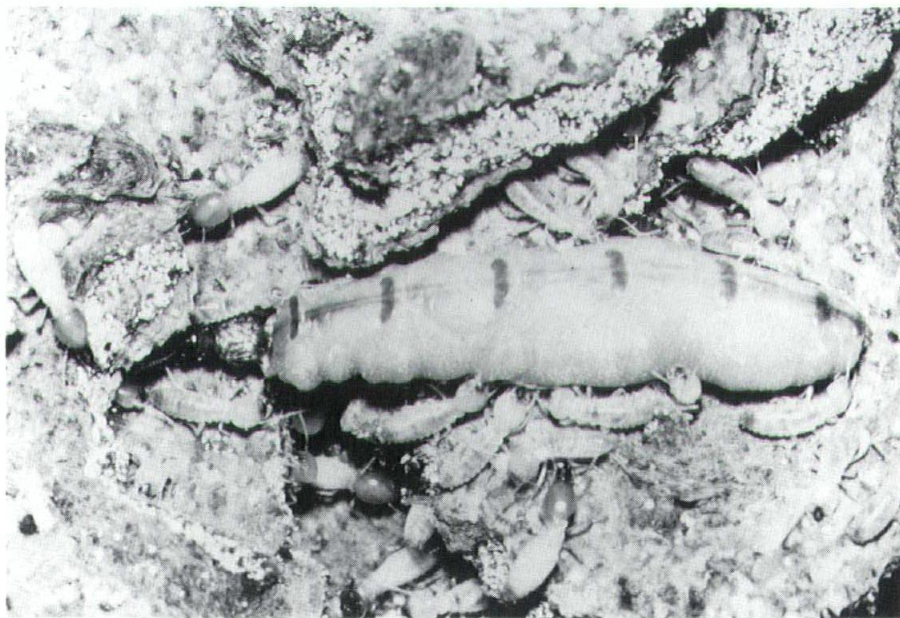
Given these three basic requirements, the alates can start a colony anywhere. The ground or soil is not required. Elimination of any of the basic requirements from a structure will stop termites from initiating a new colony.

Unfortunately, however, elimination of moisture and the niche will not stop a mature, established colony from attacking a structure from the ground. An established colony will build tunnels which are connected to sources of moisture. These tunnels are used to raise the

humidity in the foraging area. Hence, a barrier is required to stop a mature, established colony.

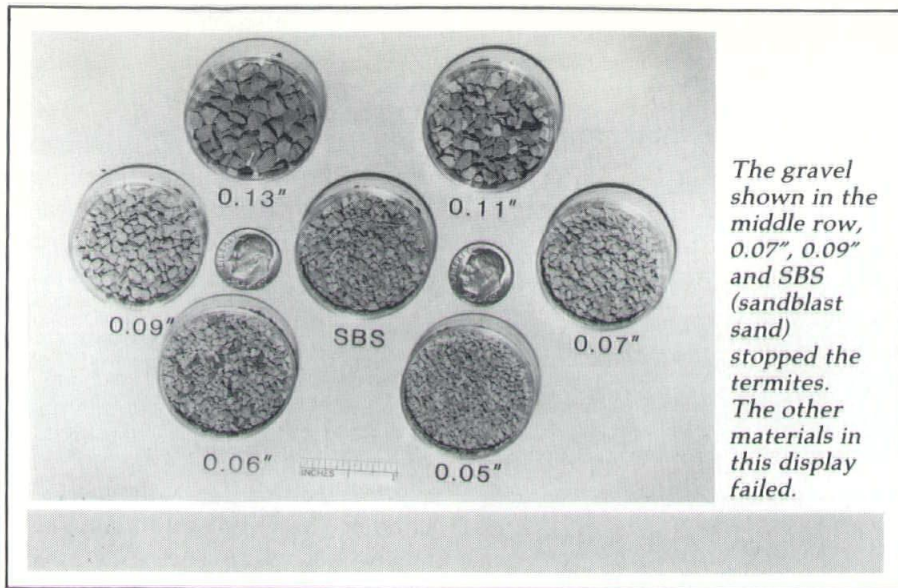
There are two basic strategies in the management of termites: prevention and remedial control. Major components in a preventative program are (a) design, (b) use of non-food items in critical areas, (c) use of non-preferred or treated wood, and (d) the placement of a barrier in the soil between the termite and the structure. The first three components are critical in preventing a pair of alates from starting an aerial colony in a structure.

Structures should be designed so they are well-aerated and dry quickly. They should not have any wood touching the ground, nor stucco running directly into



A highly magnified view of a mature queen in a Formosan termite colony. The queen lays about 2,000 eggs a day.





The gravel shown in the middle row, 0.07\", 0.09\" and SBS (sandblast sand) stopped the termites. The other materials in this display failed.

the ground or plants or trees abutting the building. Structures should have metal cant strips and fiberglass padding in roofs. These designs can make it difficult for a pair of alates to get established and will not provide a hidden pathway for termites from an established colony to enter the building from the ground.

Non-preferred wood such as redwood or treated wood may also be used to deter attack. Unfortunately, the standard wood treatment used in Hawaii, which is pressure treatment with CCA (Chromated Copper Arsenate), does not adequately protect Douglas Fir heartwood against the Formosan.

The major problem is that CCA cannot penetrate more than surface deep into Douglas Fir heartwood. This will not deter the Formosan when there is a concerted attack by a colony. The colony can sacrifice some individuals, penetrate the thin layer of CCA deposited on the wood surface and destroy the piece. Moreover, the penetration by CCA is usually so shallow that even minor checking exposes untreated wood. The fact that CCA cannot adequately protect Douglas Fir heartwood is a major problem because Douglas Fir is the primary structural lumber used in Hawaii. New treatments are continually being sought.

The fourth and very critical

component in a preventative program is the placement of a barrier in the soil, between the structure and the termites. This is critical because most attacks originate from this source.

The barrier used for the last 40 or more years was aldrin, dieldrin, chlordane or heptachlor. These chemicals have stopped the termite, for 25 or more years, with a single treatment. More recently, chlorpyrifos, fenvalerate and permethrin have been added to the arsenal. These materials, however, can be penetrated in two to five years depending on location in Hawaii. Retreatments will be required at more frequent intervals.

A chemical barrier, however, can generate many problems such as human exposure to hazardous chemicals, environmental pollution, contamination, etc. A safe, cost effective, permanent barrier which can substitute for the chemical barrier has been developed at our laboratory.

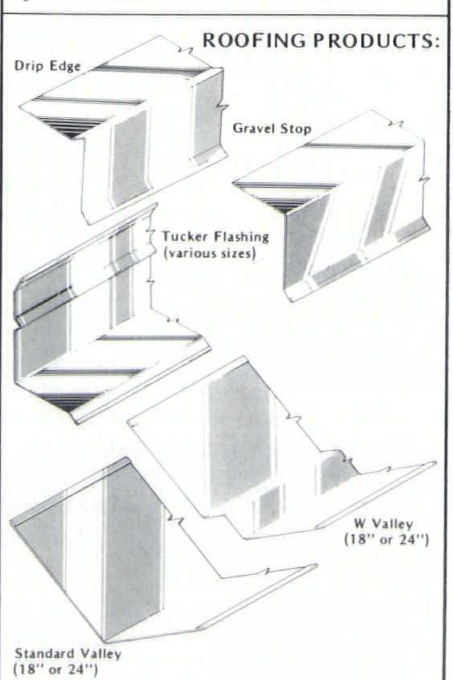
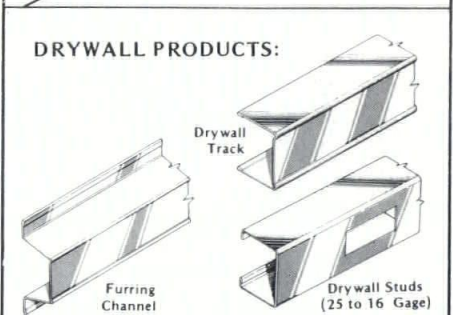
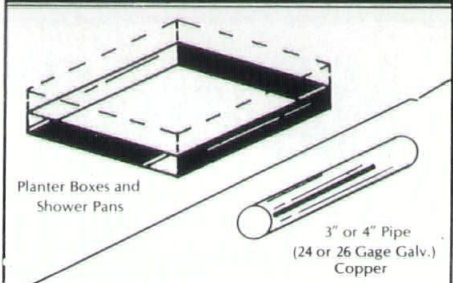
Discovery of the barrier was based on laboratory and field observations which showed that termites had difficulty penetrating certain substrates. Studies indicated that a substrate's ability to stop termites from walking, tunneling or chewing their way through were functions of the size, weight, hardness and smoothness of the particles making up the substrate.

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**Table 1.** Penetration of 1.57" (4 cm) of gravel substrates of various particle sizes by the Formosan subterranean termite after a 24 month exposure. The substrate was sifted through U.S.A. Standard Testing Sieves (A.S.T.M. E-11 Specifications).

Screen Size	Particle Size		Penetration		Penetration %
	(in)"	(mm)	(in)"	(cm)	
US-5	.16	4.00	1.57	4.0	100
US-6	.13	3.35	1.57	4.0	100
US-8	.09	2.36	0.38	0.9	22
US-10	.08	2.00	.029	0.7	18
US-12	.07	1.70	0.28	0.7	18
US-14	.06	1.40	1.57	4.0	100
US-16	.05	1.18	1.57	4.0	100

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Of the many types of substrates examined, basaltic gravel was selected for further testing because it is a very hard material and is readily available in many sizes and shapes. The gravel was sifted through a series of laboratory sieves to obtain particles of relatively uniform sizes.

Tests were conducted using a technique whereby 1.57 inches (4 cm) of the test substrate was sandwiched between two pieces of 8 percent agar. The termites were introduced into the lower chamber and allowed to bore through the agar to the substrate.


The results of these tests were nothing short of spectacular. As seen in Table 1, after 24 months, the termites were still completely stopped by substrate composed of basaltic particles in the 0.07 inch (1.7 mm) to 0.09 inch (2.4 mm) range. Moreover, it is apparent that the termites will never penetrate the barrier. There has been no movement since the first day although the termites have been forced to attack the barrier for the entire period. Under normal conditions, termites would have given up and moved off.

The termites could not penetrate the gravel in the 0.07 inch - 0.09 inch range because the individual particles were too large and too heavy to be carried down, but were small enough to pack; so there were no continuous passages through the substrate. Also, the termites were not able to chew their way through as they do with hairline cracks in concrete because the basaltic gravel was too hard. In addition, the loose packing of particles allowed the gravel to shift and close any gaps that may have been started by the termites.

Since the laboratory experiments were so successful, field experiments were initiated in the middle of strong Formosan colonies, with substrates 4 inches thick. "Sandblast sand," a basaltic

*(continued on page 40)*





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**CARPENTRY:** Dimensions, Inc.



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Lacayo Architects  
Group 70

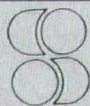
*Hawaii Society/AIA members showcase projects undertaken by their firms in this special year-end issue of Hawaii Architect*

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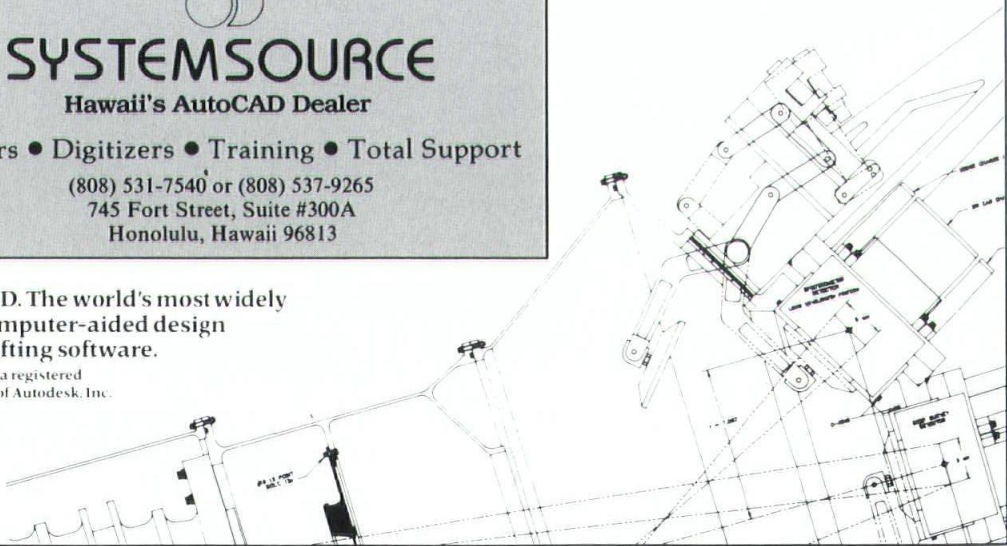
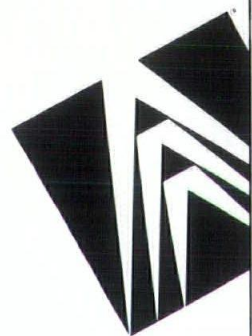
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**GABE PARTNERS OFFICE BUILDING**

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Owner: Gabe Partnership  
 Architect: Riecke Sunnland Kono Architects, Ltd.  
 Civil: Warren S. Unemori Engineering, Inc.  
 Structural: Pitt-Gholkar & Associates  
 Mechanical: Prepose Engineering Systems, Inc.  
 Electrical: Bennett & Drane  
 Landscape Architect: Russ Riley Associates  
 General Contractor: David Sharp Contractor



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**PINEAPPLE HILL**

A 99-lot single-family residential subdivision located on the famed Pineapple Hill in West Maui's Kapalua Resort.

Owner: Kapalua Land Company  
 Architect: Riecke Sunnland Kono Architects, Ltd.  
 Consulting Architect: McLarand, Vasquez & Partners, Inc.  
 Civil: Belt, Collins & Associates  
 Structural: Pitt-Gholkar & Associates  
 Mechanical: Prepose Engineering Systems  
 Electrical: Bennett & Drane  
 Landscape Architect: Ed Short & Associates  
 General Contractor: Goodfellow Brothers, Inc.  
 Building Subcontractor: F & M Contractors, Inc.



# UH Architectural Students Recognized

by Anita Choi, Managing Editor

**B**y annually recognizing and honoring the work of outstanding students at the School of Architecture at the University of Hawaii-Manoa, the HS/AIA reaffirms its continual aim toward maintaining professional architectural standards, as well as recognizing the innovative design concepts being created in the design studios on campus.

At the recent student Awards Banquet held at the Hale Koa

Hotel, awards were presented for Academic Achievement and Design Achievement. Academic awards reflect the overall standing of individual students within the school, while design awards are based on projects created in the design studio classes. Selection for these awards took place at the end of Spring semester.

Five students were presented Academic Achievement Awards for having the highest cumulative

grade point averages in their class levels. They were Dennis Yamauchi and Allison Ebesu, 100 level; Adrian Lao, 200 level; Marianne Cooper, 300 level; and Linda Chung, 400 level.

Many HS/AIA members were called upon to view the presentations and select award winners. A total of 12 studios submitted projects for viewing. The jury awarded 11 Design Achievement awards and 12 Honorable Mention awards, as



## A view from the lanai...

A view from the lanai of Diamond Head Apartments includes Genesis Porcelain Tile by Crossville of Tennessee C-233 8"x8" in textured Sand Bisque. Of constant color throughout and with an extremely low absorption rate, this superior tile is highly slip resistant.

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compared to last year's six in Design and eight Honorable Mention awards.

Presenting the awards to deserving students were Elmer E. Botsai, dean of the School of Architecture; Evan D. Cruthers, president of the HS/AIA; Wesley H. Deguchi, chairman of the HS/AIA Awards Committee; and Kevin Young, member of the HS/AIA Awards Committee and master of ceremony for the evening.

Four architecture students working under instructor Don Shaw, studio 461, received Design Achievement awards. They were Stacy Pono Lunn, Karin Matsunaga, Brad Camara and Anne Carroll. Their team project was to do the interior design of a health management resort facility, Hyatt Coeur de Lion, which is a medically-based resort catering to high risk executives with cardiac and other health problems. The group put on a slide presentation of their

project for the banquet audience. HS/AIA jury members for this project were Paul Ma, Sharon Ching and Ted Garduque.

---

*“. . . recognizing the innovative design concepts being created in the design studios on campus.”*

---

Design Achievement awards were also presented to four students working under Dean Botsai and Ray Ziegler, studio 401. They were Marjorie Pawling, Gregory Hall, Tom Jagers and Linda Chang-Shimaura. Students of studio 401 receiving Honorable Mention awards included Charles Palumbo, Keith Tanaka, Susan Muraoka, Jia Yao, Susan Irvine, Harvey Maruya and Shaun

Ushijima. The team project was to design an Ocean Awareness Center located adjacent to Sea Life Park. HS/AIA jury members were Dennis Daniel, Dick Van Horn and Don Chapman.

Working under instructor Fred Creager, studio 361, student Terry Uyehara received a Design Achievement award. The project was to design an open-air marketplace that incorporated the existing historical sewage pumping station at Ala Moana and Keawe as part of the design. HS/AIA jury members were Paul Ma and Rebecca Lively.

Two students working under instructors Gordon Tyau, Joyce Noe and Pat Onishi, studio 201, received Design Achievement awards. They were Loren Yue' and Leo Cho. Honorable Mention awards were presented to Sam Tsui and Rochelle Iwashita. The project was to design a single family residence on a 5,000-square foot lot. HS/AIA jury

*(continued on page 42)*



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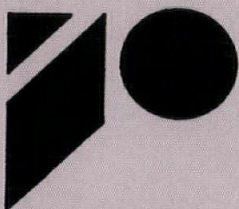


*Manele Bay Hotel*

ARNOLD SAVRANN

GROUP 70

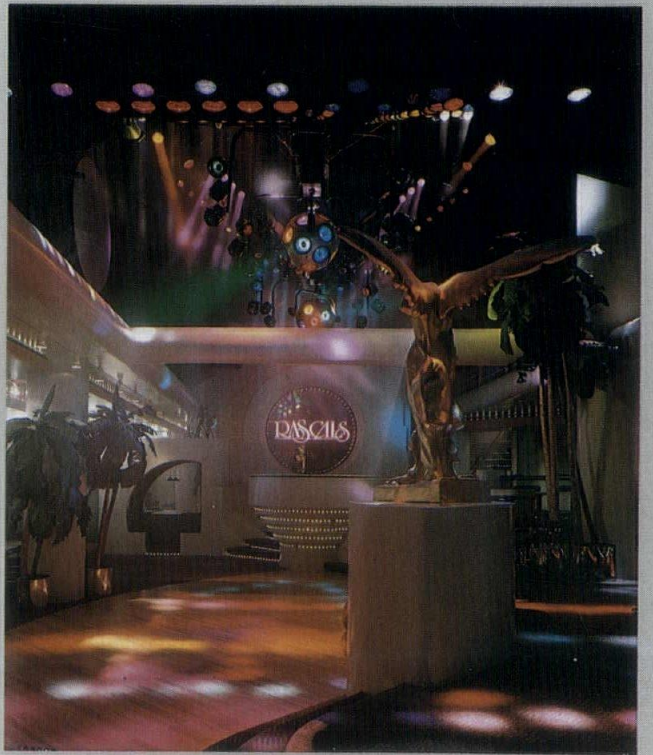
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# LACAYO ARCHITECTS COMMERCIAL INTERIORS





## Vladimir Ossipoff: A Leader in Hawaiian Architecture

by Jamie Kemp

**V**ladimir Ossipoff, 80, was born in Vladivostok, Russia, in 1907. At the age of 2 his family moved to Japan and in 1923, he moved to California. He received his B.A. degree in architecture from the University of California at Berkeley.

Since 1935, he has been in private practice in Honolulu, except during World War II when he served as Project Engineer for the Contractors Pacific Naval Air Bases, Pearl Harbor.

Ossipoff has been the architect for all of The Queen's Medical Center projects since 1950, including the addition of Kamehameha Wing Patient Rooms, Auditorium and Surgery Suites, Nalani Laboratories, Kinau Labor and Delivery and several other projects at the hospital.

In August of this year, Ossipoff received the 1986 Hawaiian Architectural Arts Award for the home of Dr. Linus Pauling Jr. on Round Top Drive. The award is presented annually by the State Foundation on Culture and the Arts to an architect and respective building patron in recognition of achievement of architectural excellence expressive of the environmental and cultural characteristics of Hawaii.

He is twice a past president of the Hawaii Society/American Institute of Architects and has served as a director for the national AIA. He is also a past president of the Engineering Society of Hawaii.

Ossipoff maintains an active design/consultant practice with

the firm Ossipoff Snyder & Rowland Architects. He and his wife, Raelyn, have two daughters, Alexandra and Valerie.

**HA:** *You were born in Russia, yet spent most of your growing up years in Japan. What caused this movement away from your homeland at such an early age? Also, did you learn to speak Japanese?*

**VO:** My father was in the Diplomatic Corps, attached to a military attache. I went back and forth between Russia and Japan until about 1914. I was going to a school called the Tokyo Foreign School, which later changed to the American School in Japan. I just picked up Japanese, I'm pretty rusty now.

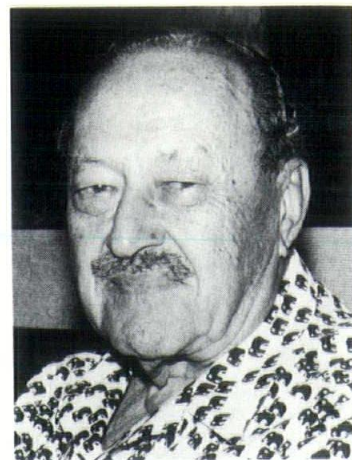
**HA:** *How did you become interested in architecture?*

**VO:** It was suggested to me by my mother. I was always sketching in the garden. She said, "Why don't you become an architect?" I said, "OK." That's all it took.

**HA:** *Upon college graduation, what made you decide to move to Hawaii? As an architect, didn't you want to be in the more urbanized areas, where the big money was?*

**VO:** That was the middle of the Depression. It was 1932. My roommate (from Berkeley) was here. He said, "Why don't you come over here?" There was nothing to do. I went over.

Believe me, you have no idea how bad things were during the Depression. I went to work in an office with 13 people because



Vladimir Ossipoff

they were building a school. When they finished the school they had nothing else to do. So they fired everybody except me. Not because I was any good, but because I was the cheapest man there. After being there another year, why, even though I was the cheapest man there, they cut my salary in half again. And when I left, someone else was very glad to take my job. That's how bad things were.

**HA:** *As far as the built environment in Hawaii was concerned, I'm sure things were very different then. Can you give me an idea of what Honolulu was like?*

**VO:** There was no Kapiolani Boulevard. The road was a narrow two-lane road which stopped at Hanauma Bay.

It was a different place. As I look back on it, it's not the same place. I like it here now; there are a lot of improvements, however, you might as well be in a different city today as the city I was in in 1933.

**HA:** *You are well known in the profession for your architectural work on The Queen's Medical Center. What are some of your other notable projects?*

**VO:** The IBM Building, Punahou Chapel, Diamond Head Apartments, the original group of buildings for the Hawaii Preparatory Academy, there must be 800 or more.



**HA:** *Is there one project which stands out as one you are particularly proud of?*

**VO:** That's a question that everybody asks, and that's a question that one never answers. Every client thinks that his project is the best.

**HA:** *But you, as the architect?*

**VO:** The next pat answer is that the next project is going to be the best.

**HA:** *Here's another question which you've probably been asked before...what is your own home like? Were you the architect?*

**VO:** I live in an apartment now; I sold the house last year. I lived there for 30 years.

**HA:** *Did you feel unhappy about selling it?*

**VO:** Not a damn bit.

**HA:** *Why, was it getting too big?*

**VO:** No, it stayed the same size. It didn't get any bigger. *(chuckles)* No, after all, time passes, life changes. I was the architect, it was a very nice house. I remodeled my apartment extensively, not the apartment building, but the apartment.

**HA:** *Does anyone else in your family have architectural or artistic aspirations?*

**VO:** I have two granddaughters in college. Granddaughters, mind you. Keira and Kimberie. Keira is going to the Rhode Island School of Design. She's very talented.

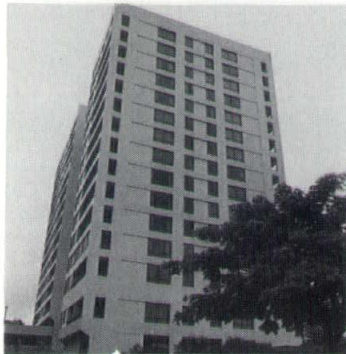
**HA:** *Any thoughts on retiring? You're still active; you're still working. What type of schedule are you keeping for yourself now?*

**VO:** I no longer own the firm, so I keep my own schedule. But I'm here daily. I have clients that I like to work with.

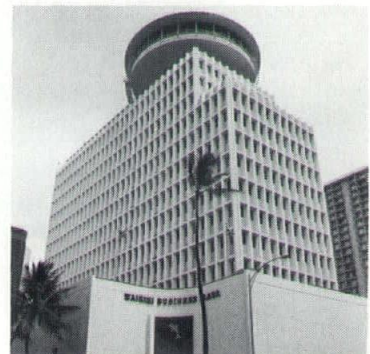
**HA:** *No thoughts of taking off to some deserted tropical island somewhere and just relaxing?*

**VO:** Who wants to live on some deserted island? That's for people in their 20s who want to get sunburned and eat raw crabs. **HA**

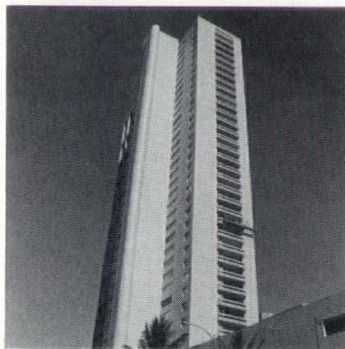
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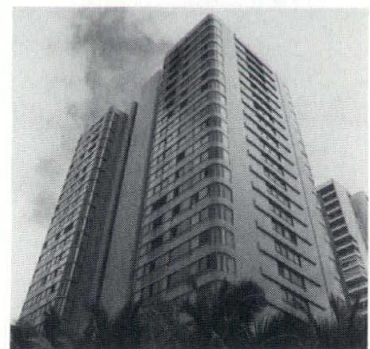
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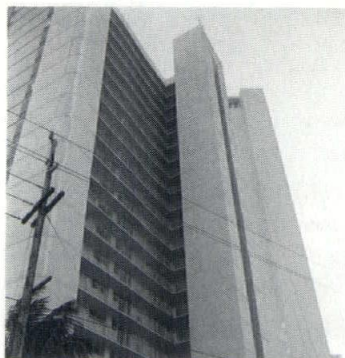
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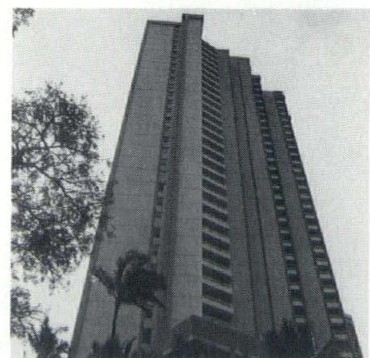
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# HAWAII SOCIETY / AIA

## Punahou President's Residence an adaptive restoration of a historic structure



*In recent years, the President's Home at Punahou has become a noted entertainment center for the City of Honolulu, encompassing groups ranging from kindergarteners at Christmas time to dignitaries of the highest level throughout the year. The commission was to redesign the house and adapt it as a residence and entertainment center to accommodate 300 people.*

### SOLUTION

The historic value of the house dictated that we live within the original vernacular, but adapt it to the circulation and space requirements of our contemporary lifestyles.

The adaptation of the 1907 building, designed by Oliver G. Traphagen, forced us to continually think in a vocabulary that was consistent with his original thoughts. The primary question was, "Given the opportunity, how would he have expanded upon this original work?"

### JURY COMMENTS:

"The adaptive restoration of the historic structure and realignment of circulation pattern are well done."

"The project successfully accomplishes the complex task of meeting the needs of a family living in the same structure that also serves as a gathering place for 300 people, or a dining area for 200 persons."

"Without losing the original charm of the residence, the house has been renovated with Old World mastery for today's open lifestyle."

"The result is both convincing and pleasant all within the confines of an adaptive restoration."



# 1987 DESIGN AWARDS

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Stringer Tusher & Associates, Ltd., AIA

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Punahou School

**CONTRACTOR:**

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**STRUCTURAL ENGINEER:**

Martin, Bravo & Brancher, Inc.

**MECHANICAL/ELECTRICAL:**

Frederick H. Kohloss & Associates, Inc.

**LANDSCAPE ARCHITECTS:**

David T. Woolsey Landscape Architect

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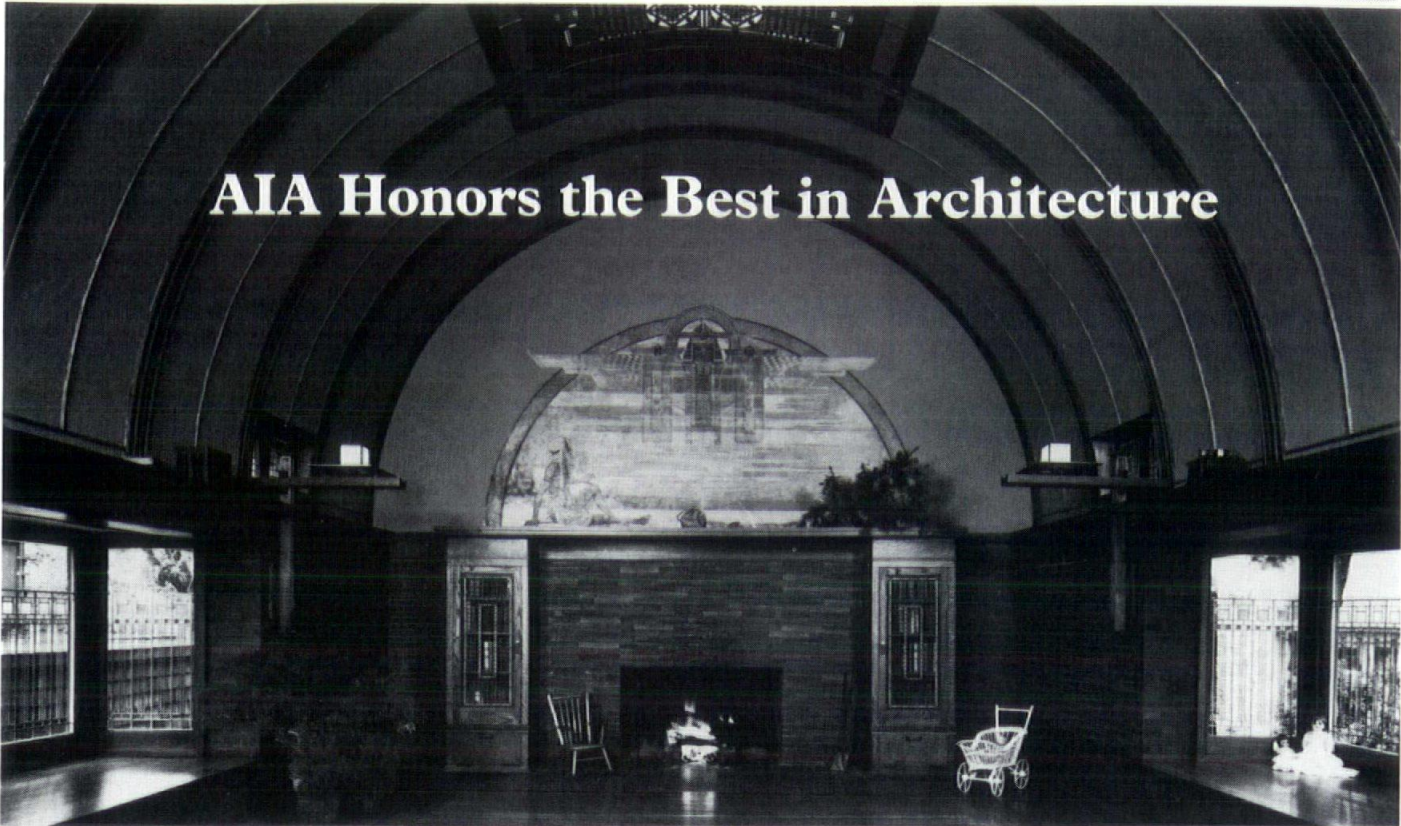
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**T**he American Institute of Architects named 20 buildings to receive its prestigious 1987 Honor Awards. These awards are the architectural profession's highest recognition of design excellence in individual buildings by American architects.

A jury of nine nationally recognized architects and related professionals selected the 20 winners from among 554 entries submitted for consideration. The winning projects are located in 12 states and two foreign countries, and include office buildings, libraries, museums, university laboratories, private homes, a hotel, a storefront bakery, a public transit station and the restored home of one of America's greatest architects. No single style predominated, reflecting the considerable diversity present in contemporary American architecture.

On the following page is a list of this year's winning projects:



# 1987 AIA Honor Awards

<b>Project:</b>	House for Roy and Norma Reed, Hogeve, AR
<b>Architect:</b>	Fay Jones & Associates Architects, Fayetteville, AR
<b>Project:</b>	Computer Science Building, Columbia University, New York City
<b>Architect:</b>	R.M. Kliment & Frances Halsband Architects, New York City
<b>Project:</b>	Proctor & Gamble General Offices Complex, Cincinnati
<b>Architect:</b>	Kohn Pedersen Fox Associates PC, New York City
<b>Project:</b>	Museum für Kunsthandwerk, Frankfurt, West Germany
<b>Architect:</b>	Richard Meier & Partners, New York City
<b>Project:</b>	Hood Museum of Art, Dartmouth College, Hanover, New Hampshire
<b>Architects:</b>	Charles W. Moore, FAIA, and Chad Floyd, AIA, of Centerbrook, Essex, Connecticut
<b>Project:</b>	Lewis Thomas Laboratory, Princeton University, Princeton, New Jersey
<b>Architects:</b>	Payette Associates and Venturi, Rauch and Scott Brown, Associated Architects
<b>Project:</b>	Fuller House, Scottsdale, Arizona
<b>Architect:</b>	Antoine Predock Architect, Albuquerque, NM
<b>Project:</b>	Restoration of the Frank Lloyd Wright Home and Studio, Oak Park, Illinois
<b>Architect:</b>	The Restoration Committee of the Frank Lloyd Wright Home and Studio Foundation
<b>Project:</b>	National Commercial Bank, Jeddah, Saudi Arabia
<b>Architect:</b>	Skidmore, Owings & Merrill, New York City
<b>Project:</b>	Private Residence in Western Connecticut
<b>Architect:</b>	Tigerman, Fugman, McCurry, Chicago

<b>Project:</b>	O'Hare International Airport Rapid Transit Extension, Chicago
<b>Architect:</b>	City of Chicago Department of Public Works, Bureau of Architecture
<b>Associate Architect:</b>	Murphy/Jahn, Chicago
<b>Project:</b>	Middleton Inn
<b>Architect:</b>	Clark & Menefee, Charleston, SC
<b>Associate Architect:</b>	Charleston Architectural Group
<b>Project:</b>	The New York Public Library Restoration, Davis, Brody & Associates, New York City
<b>Project:</b>	ICS/ERL, University of California at Irvine
<b>Architect:</b>	Frank O. Gehry & Associates, Venice, CA
<b>Project:</b>	Norton Residence, Venice, CA
<b>Architect:</b>	Frank O. Gehry & Associates
<b>Project:</b>	Michael C. Carlos Hall, Emory University Museum of Art & Archaeology, Atlanta
<b>Architect:</b>	Michael Graves, Architect, Princeton, NJ
<b>Project:</b>	The Humana Building, Louisville
<b>Architect:</b>	Michael Graves, Architect, Princeton, NJ
<b>Associate Architect:</b>	John Carl Warnecke & Associates, New York City
<b>Project:</b>	Claudia's, San Diego
<b>Architect:</b>	Gronzona/Architects-AIA, San Diego
<b>Project:</b>	Conrad Sulzer Regional Library, Chicago
<b>Architect:</b>	Hammond Beeby and Babka Inc., Chicago Consulting architects to: City of Chicago Department of Public Works, Bureau of Architecture
<b>Project:</b>	House on Long Island Sound, Stony Creek, CT
<b>Architect:</b>	Steve Izenour, AIA, with assistance of Christine Matheu, Venturi, Rauch and Scott Brown, Philadelphia

## President's Message

(continued from page 9)

and creative happenings. The officers of our statewide Society and Neighbor Island Sections, our board of directors and statewide commissions, our committee chairpersons and members, our volunteers and well-wishers outside the Society, and you, our Society members, provided the expertise, manpower, resources, energy and heart. A strong team.

The time has flown by. But the Society is a movement, a matter beyond time, built year to year since it began, on beginnings and great moments of creative happenings, each adding its part to the whole. I enjoyed the challenge and your support. It has been a partnership of understanding and purpose. I thank each of you.



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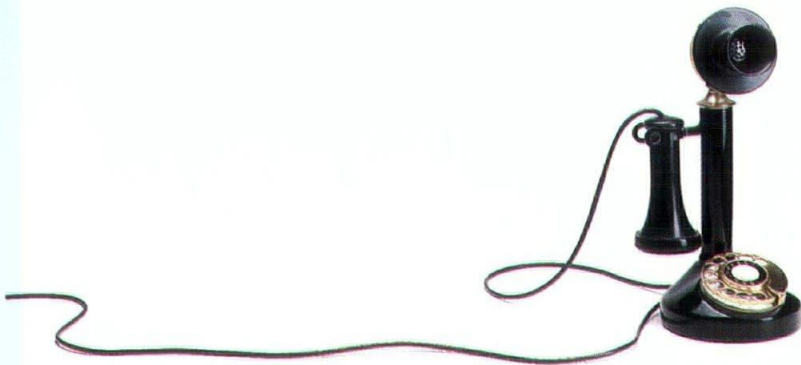
# Pumpkin Carving on UH Campus

**T**raditionally noted as a time for ghosts, goblins and youngsters seeking treats, Halloween in Hawaii is also regarded as a time for everyone to annually view some of the most unusual carved pumpkin creations on the island. In late October, creative juices flowed as students from the School of Architecture on the campus of the University of Hawaii-Manoa participated in their fifth annual Great Hawaiian Pumpkin Party.

The party was the culmination of a major project by the architecture students. Beginning with an *esquisse* exercise, a tradition that began at the Ecole des Beaux-Arts in Paris and revived by the School here in



*Working quickly and efficiently on their pumpkin creations, UH architecture students participated in the esquisse exercise at the Kahala Mall Shopping Center. All photos by Patrick Abe*



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1976, students hand-carved their pumpkins at the Kahala Mall Shopping Center before

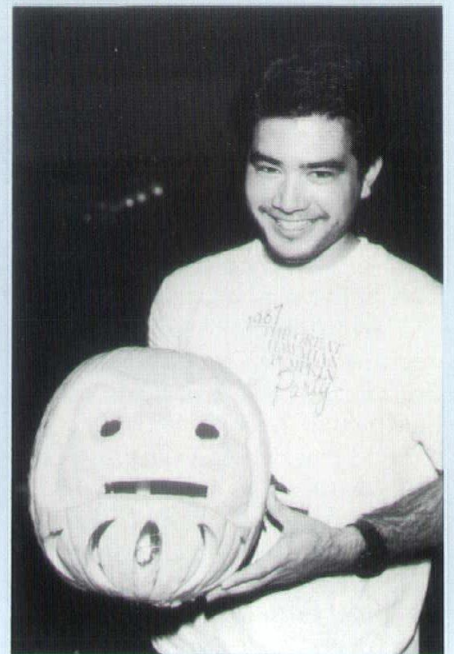


UH student Gail Brown created this delightful "Aladdin's Lamp" during the esquisse.

thousands of onlookers. An *esquisse* is a sketch or preliminary plan, which typically consists of overnight, short-term design problems that students must complete quickly and efficiently, under limited time constraints.

To create the highly perishable art, students used electric drills, woodcarving tools, peeler and scrapers. Pumpkins were judged on originality, beauty, craftsmanship and use of light at the evening party held at the Honolulu International Country Club.

Proceeds from the annual Great Hawaiian Pumpkin Party are used for such purposes as: enhancing facilities and equipment at the School of Architecture, providing honoraria for distinguished professionals from other parts of the world, furnishing travel assistance to students and faculty to participate in seminars and



Architecture student Reid Yamauchi carved a replica of a Japanese "Daruma" doll.

workshops, and building a professional library and upgrading of its slide collection.



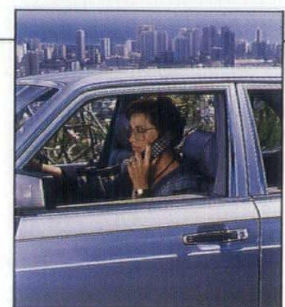
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# Successful HS/AIA Convention Held

**"P**articipation is, in and of itself, its own reward."

This belief was relayed to many of Hawaii's architects in an opening address by national President of the American Institute of Architects (AIA) Donald Hackl, FAIA, at the recent state convention of the Hawaii Society/AIA held at the Honolulu Academy of Arts.

ARCHIFEST 87, a well-attended two-day event, served as a forum for information and the exchange of ideas among architects. Following the convention theme "Planning: Toward the Year 2000," programs, seminars and discussions focused on future issues for the HS/AIA, development plans that involve a

major state issue, the revitalization of the Honolulu waterfront, as well as developing strategies for the future of architectural firms in Hawaii.

At the society's annual meeting, held on the first morning of the convention, an election of officers and directors for 1988 was held. Society business was discussed, with a focus on HS/AIA's first long-range plan. "A Plan to the Year 2000" was presented by Norman Hong, AIA, chairman of the planning ad hoc committee. The plan will serve as a guide for the Society in its deliberation of future policies and procedures.

Over the weekend period, an interesting series of seminars, workshops and discussions took

place among participating architects and other professionals in the business design fields. Hugh Hochberg, from The Coxe Group, held a seminar on "Success Strategies for the Year 2000," where he presented a matrix for different firms aiming for success that included organization structure and profit strategy.

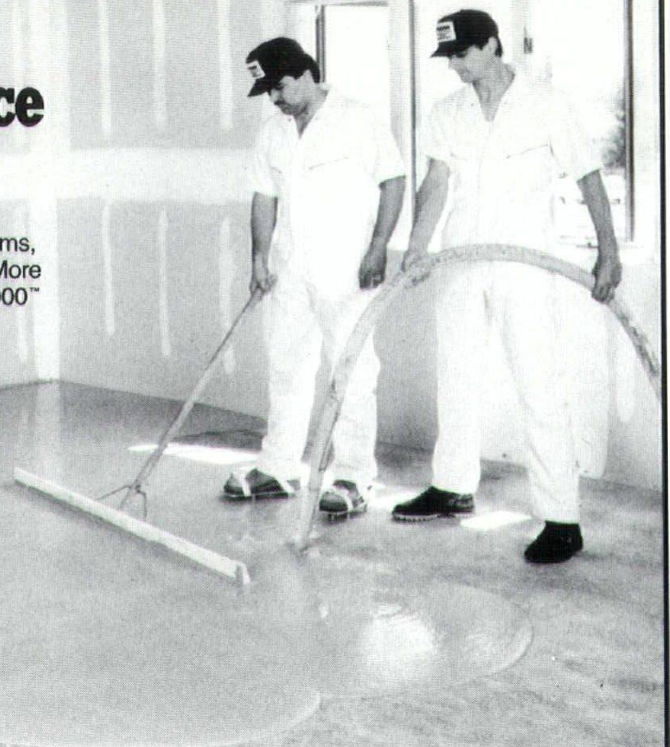
With the use of a videotape from the national AIA, plus a well-informed panel of speakers, a successful workshop/discussion was held on the "New Family of AIA Documents." Coordinated and moderated by E. Alan Holl, AIA, an emphasis was made on the differing points between the old forms and new ones which all architects are familiar with. HA

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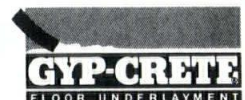
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## Survey

(continued from page 11)

than the larger firms.

Compared to the compensation for engineers, principals and supervisory staff members of architectural and engineering firms are in about the same range of compensation. Engineers pay more for Tech Level I-III than architects. Of grave concern is the increase of professional liability insurance by 80% over last year's premiums.

Of concern, additionally, is that less than 8% of our membership has participated actively in HS/AIA over the past three years. With membership over 600 and an increase of at least 5% planned for next year, it would seem that we need more involvement by members.

The BOS Committee believes that a survey of this kind should be conducted every two years, and certainly not go past four years before monitoring. HA

*Acknowledgement is extended to the core group of the BOS Committee, which included:*

*Evan Cruthers, who provided guidance and stimulus to get this report done;*

*Carol Sakata, who asked piercing questions;*

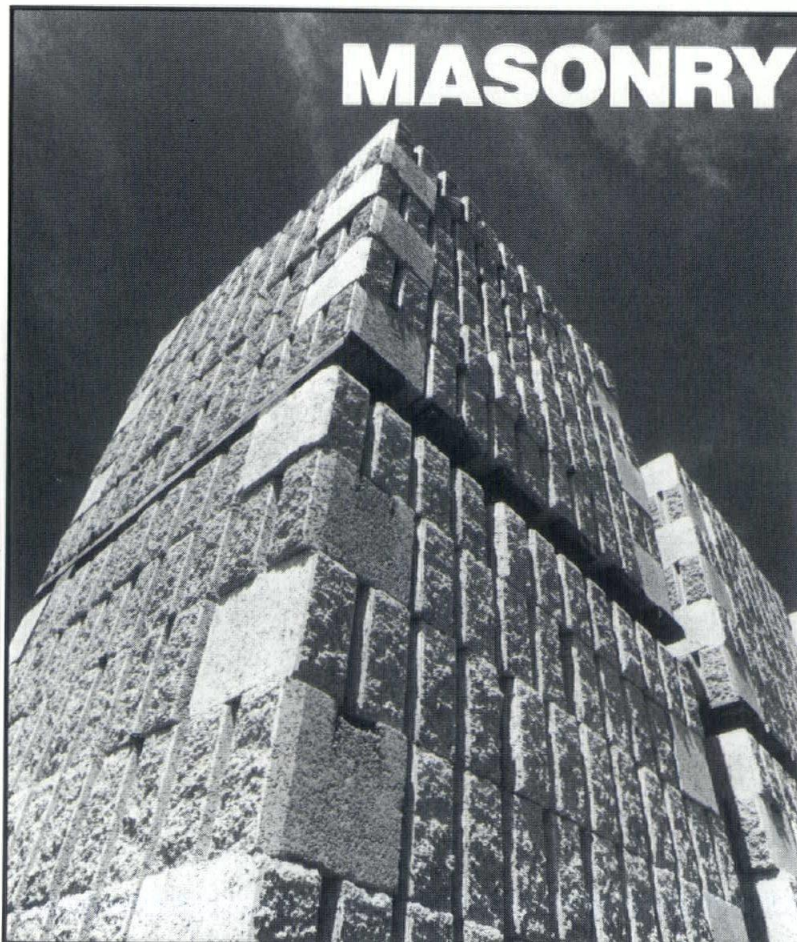
*Heather Wimberly, who suffered much verbal abuse on the phone in calling around to various firms and practitioners; and*

*Lee Mason, for his handling of the publication details. Also vital to our committee as professional consultant was East/West Research headed by Ed Faison and his daughter, Dorothy Faison.*

*Ted Garduque, AIA is principal and vice president of Wudtke Watson Garduque Associates, Inc. He served as chairman of the HS/AIA Business & Operational Survey (BOS) Committee.*

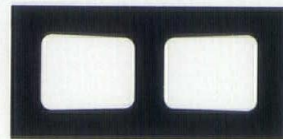
**The Hawaii Society/American Institute of Architects extends its warmest mahalo to the following firms for their sponsorship during the recent state convention, ARCHIFEST 87:**

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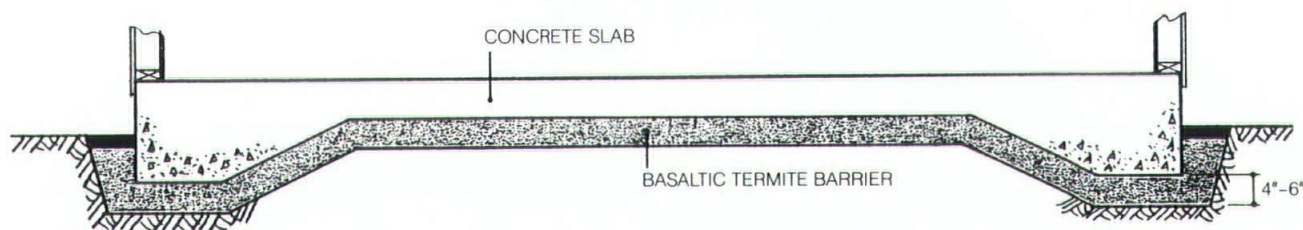
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## 17th Annual EXPO 88 Show Set for March

The Building Industry Association (BIA) of Hawaii recently announced its 17th annual building products and ideas show, EXPO 88, YOUR INFORMATION SOURCE. Co-sponsored by GECC Financial Corp., the largest industrial loan company in the state, this popular show will be held at the Neal Blaisdell Center Exhibition Hall March 9-10, 1988.



The highlight of this event will be the "Smart House," a demonstration model of a house featuring a revolutionary wiring system, conceived and developed by the National Association of Home Builders' National Research Center. This system, which controls the distribution of natural gas, electricity and communications within a home, is expected to be ready for commercial marketing by 1990 or earlier.

"Response from participants for EXPO 88 has been outstanding," said Barbie Watanabe, spokesperson for BIA. "With over 200 booths, we expect the highest number of exhibitors and attendees at any EXPO to date."

For information on participating in or attending EXPO 88, call Watanabe at 847-4666 or write to the BIA, P.O. Box 17659, Honolulu, Hawaii 96817.

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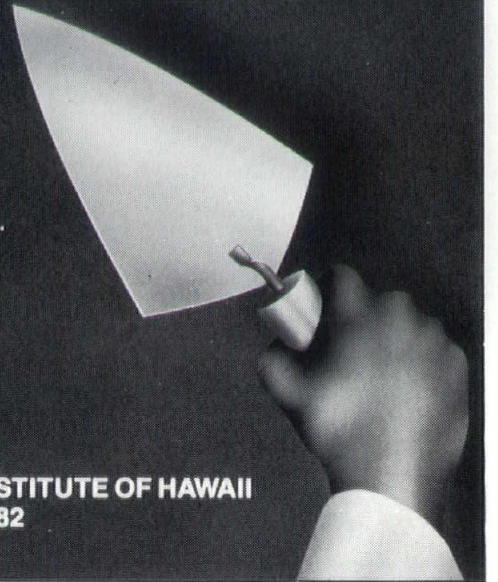
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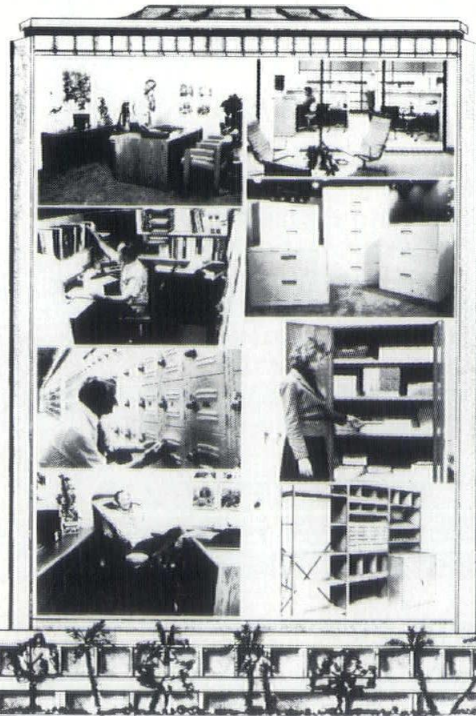
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# Dierks, Phillips Join Leo A. Daly Office

Recently joining the Leo A. Daly Honolulu office, were **Errol R. Dierks**, AIA, ASID and **Michele Phillips**, IBD. Both bring valuable experience in the areas of space planning and interior design.



*Errol R. Dierks*

Dierks is a 1963 graduate of Iowa State University where he earned a degree in interior design. Since joining Daly seven years ago, Dierks has served on assignment in Saudi Arabia, Singapore and Australia. His current major assignment with the Honolulu office is the \$70 million Frankston Centre, a new shopping mall in a suburb of Melbourne, Australia.

Phillips is a newcomer to the Daly organization. Educated at the University of California at Long Beach, she majored in art with a specialty in interiors. She has worked in California and in Hawaii for the past 12 years as an interior designer with assignments in Japan, the Philippines, Honolulu and the

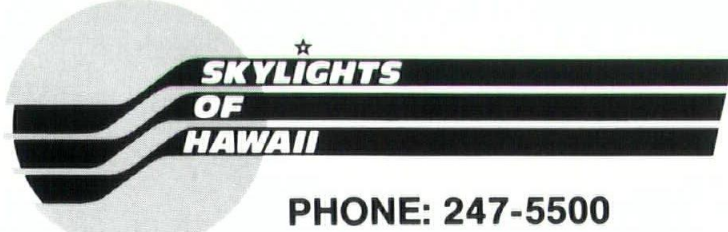
Neighbor Islands. Phillips' specialties include commercial interiors for hotels and private offices. Her current major project is the \$14 million Naniloa Hotel renovation in Hilo, Hawaii.



*Michelle Phillips*

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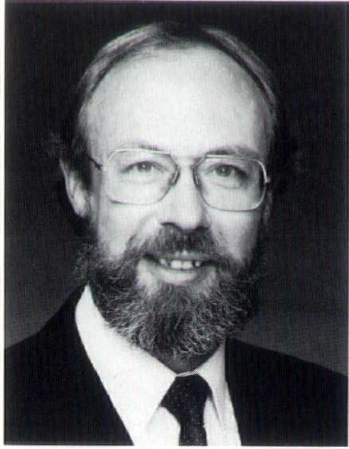
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## Signs Named Director

The CJS Group Architects Ltd. recently promoted Gary L. Signs, AIA, to director of health facilities. As project architect, Signs is completing The Honolulu Medical Group's new satellite clinic in Kailua and the relocation of maternity services for The Queen's Medical Center.



Gary L. Signs

A Washington State University graduate in architectural engineering, Signs joined the CJS Group in October 1986 with over 20 years experience designing health care facilities.

Licensed in 1971 in his native Washington State, he was a partner in his own firm that specialized in health care and commercial projects, receiving a design award from the Seattle Chapter/AIA. His health care experience also includes serving as board member and president of several health planning organizations in Seattle. He is currently a member of the AIA Architecture for Health Committee.



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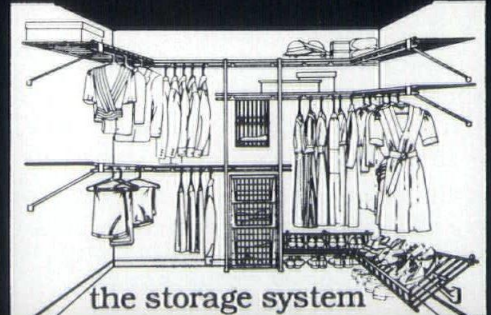
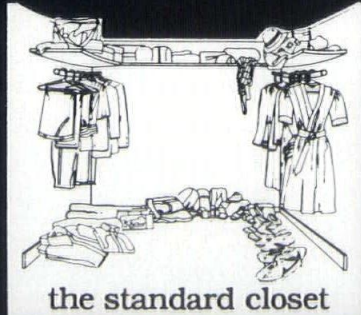
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## New Name for EE Firm

**B**ennett & Drane, one of Hawaii's foremost consulting engineering firms, has recently changed its name to Bennett Drane Karamatsu Electrical Engineering, Inc. Formed in 1961, the company has completed many of the city's highrise complex projects, as well as the Marco Polo Apartments and Bishop Square offices.

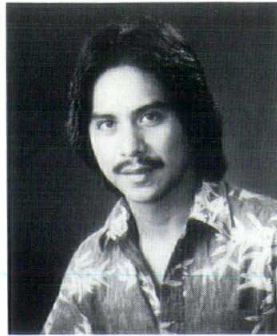
Glenn Karamatsu started with the company in 1971, soon after receiving his engineering degree from the University of Hawaii. Two of his more recent larger projects have been the Westin Kauai Hotel and the Sheraton Princeville Hotel on Kauai. As vice president, Karamatsu will be in charge of engineering and production.

## Miki Designated Firm's Associate

**M**ichael A. Miki, AIA, with Johnson Tsushima Luersen Lowrey Inc. was recently named an Associate of the firm. He has been with the company for three and a half years.

Miki has been Project Architect on a number of projects including the addition and renovation presently underway at Kalihi Union Church; the Electronics Communications Maintenance Shop at Kaneohe Marine Corps Air Station; and the additions to the Moiliili Hongwanji Mission and Preschool.

Miki was born in Osaka, Japan, and grew up in Wahiawa. He holds a Bachelor of Fine Arts degree in environmental design from the University of Hawaii, and a Master of Architecture degree from the University of Colorado at Denver.



Paul Dela Cruz  
Type R Printer

## Advice from Paul

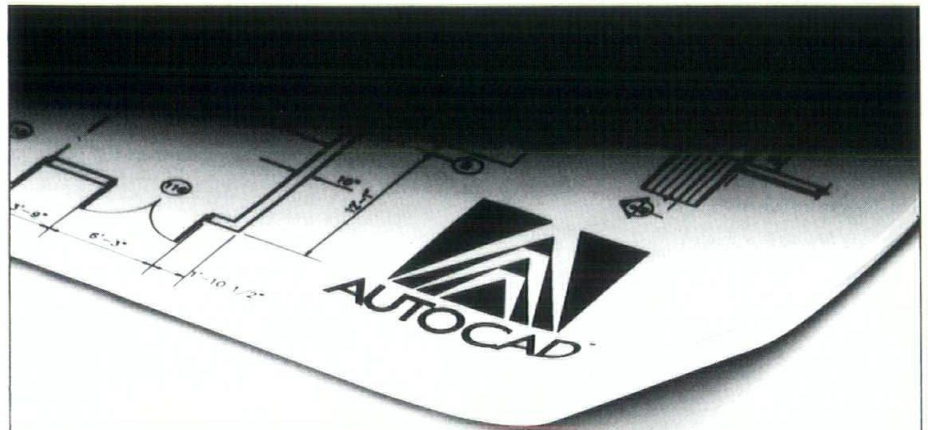
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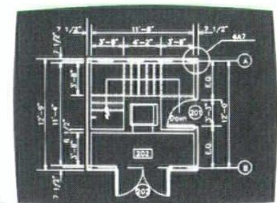
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## NEW MEMBERS

# Newcomers to the Hawaii Society/AIA

**R**ecently joining the HS/AIA as a professional affiliate was **Susan J. Moss, ASID**. She is with the firm of Richard Crowell Associates, Inc.

Moss studied at Iowa State



Susan J. Moss

University where she received a Bachelor of Science in interior design. This year, she serves as president of the Hawaii Chapter of The American Society of Interior Designers.

New student affiliate member, **Elaine A. Chiu**, recently joined the HS/AIA. She is presently attending the School of Architecture at the University of Hawaii at Manoa. Additionally, Chiu is employed by the firm of Richard Matsunaga & Associates, Architects.

Joining the Society recently as a professional affiliate was **Brian H. Horii**. He is with the firm Lightolier Inc.

Horii graduated from the

University of Hawaii-Manoa with a BBA in Marketing. As hobbies, he enjoys photography, music and reading.

**Richard L. McElhiney** recently joined the HS/AIA as a professional affiliate. He is the owner of Trane Pacific Service, a distributor of central air conditioning equipment and services.

McElhiney took his training at the University of Illinois where he received his Bachelor of Science in engineering. He also holds a Master of Science degree in geophysics from St. Louis University.

Married to Dr. Julie McElhiney, the McElhineys have three grown children.

## WORLD TILE

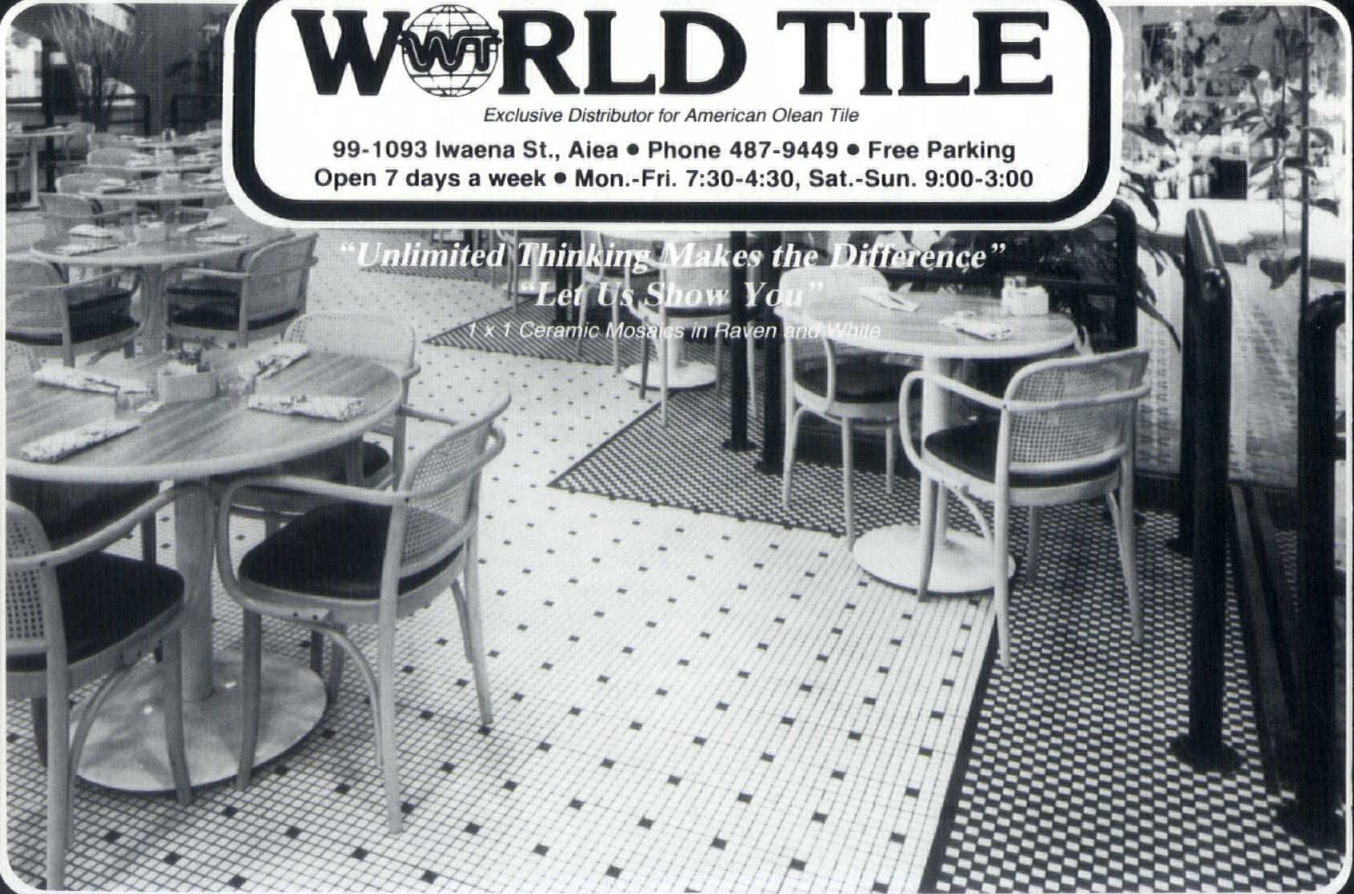
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# Formosan Termite

(continued from page 14)

gravel produced by Ameron HC&D was included in the test because of its particles in the desired size range (see Table 2). Moreover, laboratory tests indicated that it also could stop the termites.

In field experiments, a Douglas Fir stake was placed in the middle of each test plot. Control plots, which contained man sand or soil were penetrated by the termites and the Douglas Fir stakes devoured. However, none of the stakes in the sifted gravel and sandblast sand have been touched by termites in the 12 month period.

Since the field tests were initiated, the original sandblast sand has been refined in the manufacturing process. Now it contains more particles in the desired size range and is called Basalt Termite Barrier (BTB).

**Table 2.** Composition of basaltic "Sandblast Sand" produced by Ameron HC&D. The sand was sifted through U.S.A. Standard Testing Sieves (A.S.T.M. E-11 Specification)

Screen size	Opening		Wt of sand caught (g)	% of total caught	% passing through
	in"	mm			
US-8	0.09	2.36	40.0	6.9	93.1
US-10	0.08	2.00	106.7	18.4	74.6
US-12	0.07	1.70	171.5	29.6	45.0
US-14	0.06	1.40	194.4	33.6	11.4
US-16	0.05	1.18	45.6	7.9	3.5
US-20	0.03	0.85	17.5	3.0	0.5
Residue			2.8	0.5	

This material should perform at least as well as the sandblast sand.

BTB can now be used in all new construction. The BTB should be placed beneath and around all new construction in a continuous 4-inch layer; in all locations where the subterranean termite may enter the structure. The barrier can be used sub-slab, around the perimeter of the slab as backfill, inside hollow tile cells, around posts, and beneath and around

the foundation, etc. It may also be used around the perimeter of existing structures after trenching.

Although the specifics of how the barrier is placed may vary with different jobs, the primary requirement is to place a 4-inch barrier between the termite and the structure. The BTB will form a safe, cost-effective, permanent, physical barrier, that will stop termites without the use of termiticides. **HA**

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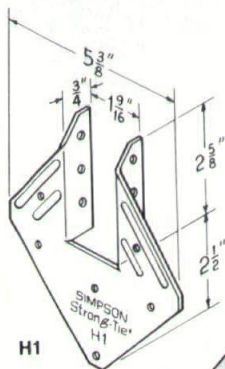


**NEW  
CODE**

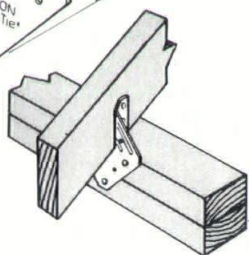
# Honolulu city and county establish a new construction requirement for hurricane safety.

A new ordinance, amending the city and county of Honolulu Building Code, requires the use and installation of 18-gauge steel rafter ties in conjunction with the conventional toenailing procedure to tie rafters to top plates in wood frame construction.

Section 2517 (h)9 is added to read:  
 "9. Uplift Ties. Rafters shall be tied to the exterior plate with an approved galvanized steel connector having a minimum thickness of 0.047 inch and shall be toenailed to the plate with three 8d common or box nails. Each connector shall be nailed with four 8d nails to each member."



H1

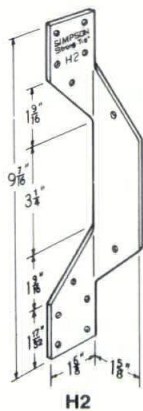


H1 Installed  
 — Can Eliminate  
 Costly Rafter  
 Notching.

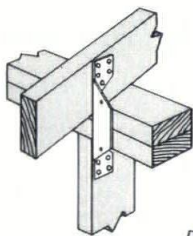
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H2	5 - 8d	—	5 - 8d	335
H2.5	5 - 8d	5 - 8d	—	370
H3	4 - 8d	4 - 8d	—	305

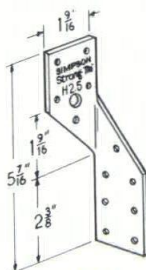
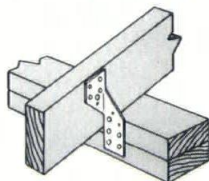
1. Loads have been increased 33% for wind or earthquake loading with no further increase allowed.
2. The H1 has an allowable horizontal load capacity of 485 pounds parallel to the top plate.
3. Allowable loads are for one anchor. A minimum rafter thickness of 2 1/2" must be used when hurricane ties are installed on each side of rafter.



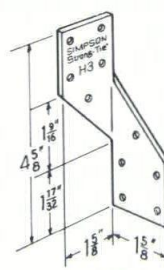
H2 Installed



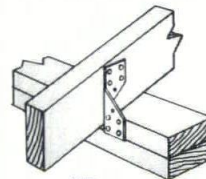
H2.5 Ties Rafter to Two Plates



H2.5



H3



H3 Installed



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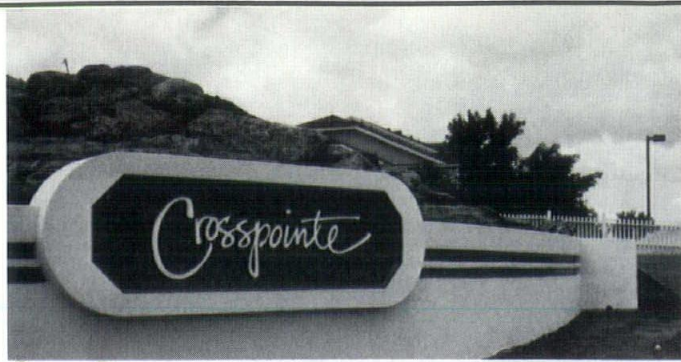
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**Student Awards**

*(continued from page 19)*

members were Lew Ingleson, Beverly Hoversland, Dwight Lowery, Wayson Chong and Maurice Kondo.

Honorable Mention awards were given to architecture students working under instructors Bob Luersen and John Hara, studio 301. Marcelino Raza and Clifford Chua received the awards for their project, which involved designing a community center on the site of the Ala Wai Clubhouse at McCully Street and Kapiolani Boulevard. A main issue in this project was determining whether it should be a neighborhood community center or an urban community center. HS/AIA jury members were Dwight Lowery, Ben Lee, Dan Chun and Kurt Mitchell.

Architecture student Andrew Hayes was presented an Honorable Mention award. He worked under instructors Leighton Liu, Gerald Takano and Lew Ingleson, studio 101. Hayes' project was to design an exhibition space in Downtown Honolulu to teach students and the general public about architecture. HS/AIA jury members included Glenn Mason, Leighton Liu, Tom Katsuyoshi, Gerry Takano, Michael Poma and Lew Ingleson.

Topping off the evening's entertainment was a slide collage put together by students who were past Travel Scholarship recipients. Last summer, many of them traveled to Europe and the mainland U.S. Relating experiences of their trips were Linda Chung on European Waterfronts, Stewart Jow on Chateaux of France's Loire Valley Region, Roldon Pasion on Revitalization of the Urban Marketplace, Ron Nishihara on Lightweight Steel Construction in Modern Buildings, Diane Irikure presented Venacular Lives—An Alternative, and Linda Chang-Shimaura on Spanish Courtyards. **HA**



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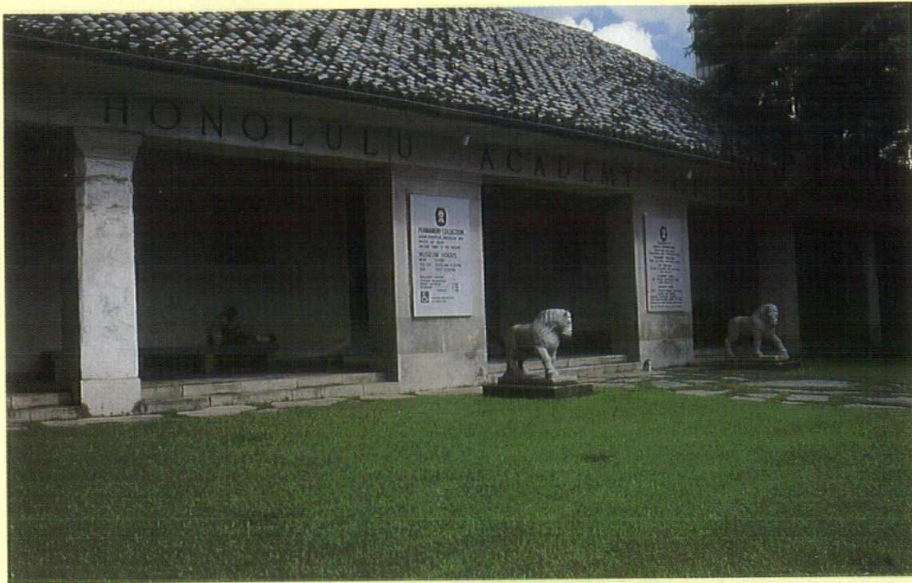


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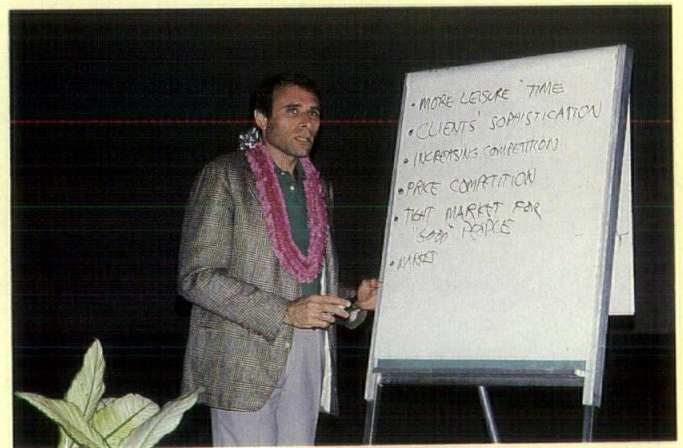
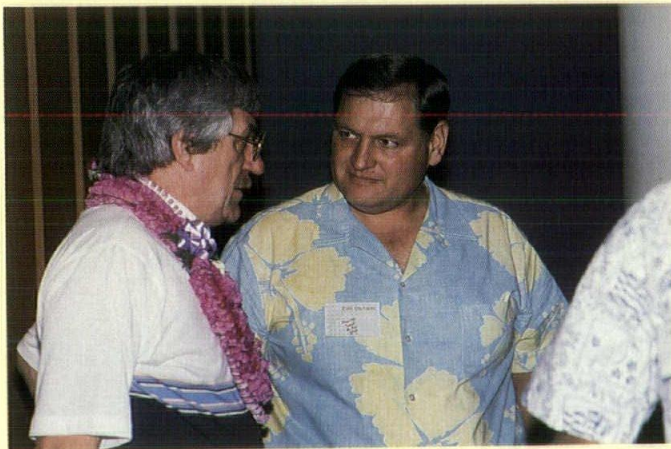
Contractor License BC-5068



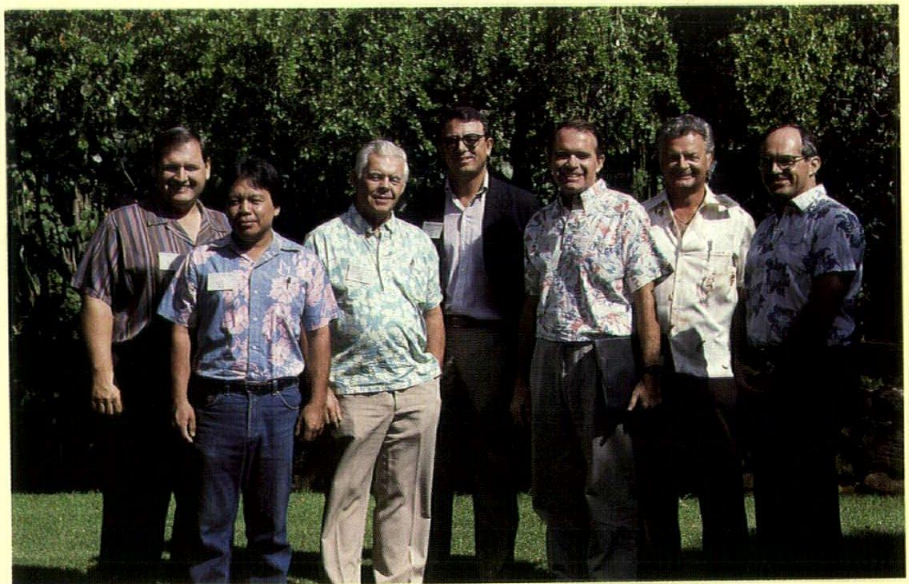
# Highlights of 1987 HS/AIA Convention



*ARCHIFEST 87 saw a successful gathering of architects statewide. Held recently at the Honolulu Academy of Arts, HS/AIA members attended a series of meetings and workshops to enhance their profession. All photos by Max Raksasat/ Media Five*



*Congratulations to UH students for their design of the convention logo.*



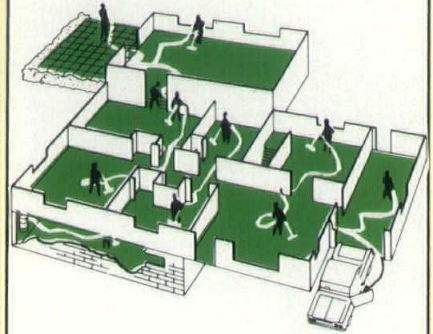




HS/AIA members participated in various discussions, as well as enjoyed the camaraderie evident throughout the convention site.



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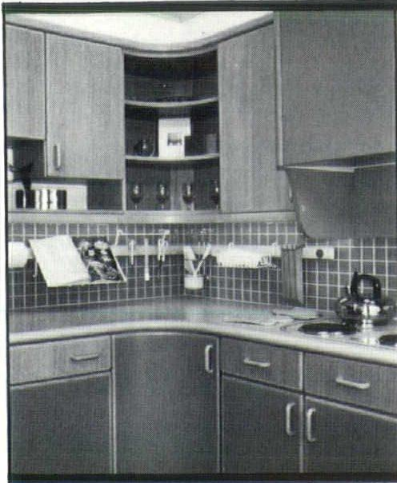


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