It's almost as easy to operate a Fax as it is to find the right one.

Fax machines are the easiest, most effective way to send documents. And the simplest way to find the right fax for your business is to visit Phone Mart. As Hawaii's one-stop fax shop, we carry a variety of facsimile machines in a range of prices. And you can even order a new phone line for your fax while you're picking out a machine. Plus, financing and maintenance contracts are available for all fax purchases. And of course, Phone Mart's knowledgeable reps are always nearby to assist you. For more information, just visit any Phone Mart. Or call the Hawaiian Tel Telemarketing Department at 520-4473. It's that easy.

Phone Mart
Beyond the call
Don't Compromise... Galvanize!

When the Friends of Iolani Palace brought in Alex Klahn & Sons to restore the gates at Iolani Palace, their goal was to preserve the entrance for generations to come. They chose galvanizing for the protection they knew would provide them with years of maintenance free service.

Like the Friends of Iolani Palace, we at Jorgensen Steel pride ourselves on paying strict attention to detail. From the critical cleaning and preparation stage to the actual hot zinc bath, we monitor every step for your protection.

Corrosion costs you money. Call us today.
Hit or miss.
When it’s left to blind luck, you take your chances if your banker doesn’t have the kind of clout and experience to expedite your business deals.
That’s why an increasing number of companies pick First Interstate right from the start. They know they’re getting the clout of one of the nation’s largest banking systems with over $52 billion in assets; over 1100 offices in 20 states and the District of Columbia, and a string of international banking offices in 22 foreign countries.
They’re also getting one of Hawaii’s most extensive offerings of services geared toward local businesses. From innovative financing techniques to advanced cash management products to specialized industry expertise.
See what a strong banking network can do for your profit picture. Call First Interstate at 525-6820 today.
Contents

Volume 17, Number 5 May 1988

President's Message

7 Building Rebirth: A Noble Endeavor
Revitalizing aging structures is a growing opportunity for local architectural firms.
by Norman G.Y. Hong, President, Hawaii Society/AIA

Historic Preservation

11 What Once Was, Still Is
A photographic essay by David Franzen.

17 A New Gateway for Chinatown
After several false starts, the renovation of colorful Chinatown is finally under way.
by Robert M. Fox, AIA

20 Recording an Architectural Past
The Historic American Buildings Survey team visited Honolulu last summer, documenting a few of Hawaii's finest old buildings.
by Robert C. Giebner

24 The Home of Singapore Slings Awaits a Facelift
A Hawaii firm has designs on the famous Raffles Hotel in Singapore.
by George J. "Pete" Wimberly, AIA

26 Preserving Natural Grandeur
Through Hawaii's Constitution
Members of the former Hawaii Chapter/AIA successfully lobbied for a constitutional clause mandating conservation of the state's natural beauty.
by Alfred Preis, FAIA

Waterproofing

32 Waterproofing Wisdom
Design, structure type, windows, climate and geography are all considered when determining the best waterproofing method.
by Kenneth C. Smith

Construction Update

36 Quality Control in Building and Architecture
Architects, engineers and contractors need education and self-regulation in order to avoid construction litigation.
by Andrew C. Yanoviak, AIA, CSI

40 News

Cover: The stairway from the Grand Hall to the Private Hall of Iolani Palace was restored to its original splendor in the mid-70s. Photo by David Franzen
Nitto Hawaii Company, Ltd. commissioned architect Akira Kawabata to revitalize the aging east course clubhouse of the Makaha Valley Country Club. His design doubled the original 8,000 square feet, calling for a spectacular sculptured lobby fountain, grand-scale dining area and a second floor fit for elegant entertaining.

Allied Builders matched that plan with first-class execution: They produced a sound second story topped with new shake roofing, effected major structural changes, and processed dozens of client-requested change orders — while business as usual continued at the club. All this, and they finished on time.

Observed Kawabata: “Allied’s people were sincere, cooperative, truly committed and totally capable. It was a complicated project that went extremely well.”
Building Rebirth: A Noble Endeavor

by Norman G.Y. Hong
President, Hawaii Society/AIA

Hawaii is no longer America’s “baby state.” We may continue to be the nation’s youngest, but our urban environment is no longer young. This makes building renovation a growing activity — and opportunity — for local architectural firms, large and small.

Revitalizing aging structures is more than just a government applauded ideal. It enables us to consciously reestablish our physical and emotional connection to our history. Especially here in the islands, it takes on a multi-dimensional form, reflecting as it does the cultural kaleidoscope that is our special heritage.

When contrasted with re-urbanization, this modern renewal offers us a more sensitive, perhaps human, environmental scale of living. We need only recall the harsh lessons of the ’60s when whole blocks of mainland neighborhoods were destroyed in favor of non-descript, forgettable high-rise apartments. Many of these same “renewed” neighborhoods themselves became neglected and in time, a blight on their cities.

On the other hand, revitalized modern communities such as Greenwich Village and Soho in New York, Faneuil Hall in Boston and Union Street in San Francisco are sought out by visitors for their color and charm, renewal that “speaks to us.”

Architects play a significant and meaningful role in the success of such sensitively recreated environments. Through our concerted efforts, we add value to previously abandoned or neglected areas. Additionally, we

revive the inspiration and skill of those professionals who labored in our craft years before.

Here in Hawaii we see many fine examples of wise and beautiful restoration and re-use. A few which come to mind:

- Chinatown, especially along Nuuanu Avenue, Love’s Bakery buildings, galleries, etc.
- Hawaii Theatre of the Chinatown Gateway project (C&C of Honolulu).
- Downtown Hilo and historic Kona on the Big Island.
- Downtown Wailuku and Lahaina on Maui.

This is just the beginning. We applaud the endeavors of Hawaii’s own architects, developers and public spirited organizations, who have dedicated themselves to building renovation and preservation. We hope in the future that more designers and planners consider such work worthy of their drawing boards.
When paint just isn’t enough ...

Weatherproofing is.

Ken Smith

Phone 395-5955

COMMERCIAL-INDUSTRIAL
- Elastomeric Coatings for Roofs, Parking Decks, Balconies & Building Walls
- Building Cleaning & Weatherproofing
- Concrete & Masonry Restoration
- Single Ply Roofing
Marble's elegance can make an ordinary ceiling simply...Heavenly.

Tile on the ceiling? Yes! The versatility of ceramic tile and marble (a superior member of the tile family) makes it possible for you to cover virtually any surface, adding pizazz to any area of the room—inside or out.

In the inner lobby at the Punahou Cliffs (shown), the magnificence of marble on ceilings, walls and floors speaks of sophistication and provides a unique ambiance that truly belongs. Marble's lasting luster needs minimal maintenance and will be enjoyed by residents and guests for years to come.

Call us when considering using tile for your next project.

HAWAII CERAMIC TILE, MARBLE & TERRAZZO PROMOTION PROGRAM
615 Piikoi, Suite 804, Honolulu, Hawaii 96814

Ceramic Tile, Marble & Terrazzo
"Enhancing the Beauty of Hawaii"

Contact any one of these Promotion Program participants:

- Allied Floor Corp. 847-0288
- Atlas Tile, Inc. 839-7403
- Classic Tile Corp. 841-6893
- Hawaii Tile & Marble 839-5102
- Honolulu Roofing Co., Ltd. 833-6366
- Honolulu Tile & Marble, Inc. 533-8556
- Lee & Simmons Tile Contractor 969-1030
- Nan-Cor Tile Co. 488-5591
- Pacific Terrazzo & Tile Corp. 671-4056
- Pacific Tile, Inc. 841-8534
- Bob Pezzani Ceramic Tile Inc. 841-7911
- Tidy Tile Company Inc. 456-5914
- Wichert Tile, Ltd. 955-6631

Installations of Ceramic Tile, Marble, Terrazzo and related products by those listed above are performed by their skilled union craftsmen, approved as professionals in their trade by International Union of Bricklayers and Allied Craftsmen, Local No. 1, Hawaii.

ARCHITECT: James K. Tsugawa A.I.A. and Associates
GENERAL CONTRACTOR: Nordic Construction Ltd.
DEVELOPER: The American Land Group
INTERIOR DESIGN: Adams Design Inc.
This interior view of the offices of Honolulu Magazine is evidence of the attractive, adaptive re-use of the historic Yokohama Specie Bank Building. Architects: Spencer Mason Architects.
What Once Was, Still Is

A photographic essay by David Franzen

The John Guild Inn, a bed and breakfast lodging house in Manoa, was built in 1919 and renovated by Rick Ralston in 1982. The 23-room mansion is listed in the National Register of Historic Places.
The facade of the Stangenwald Building, constructed at the turn of the century, shows the intricate detail of architecture's past. The Merchant Street structure was renovated in 1980 to "keep the integrity of the building," said James Tsugawa. Architects: James K. Tsugawa and Associates.
Through physical remembrances of days gone by, we are tied to our past, giving us strength to look into our future.

ʻIolani Barracks, also known as Hale Koa or “soldier’s house,” was constructed in 1870. The structure was moved from the site of the State Capitol Building to the corner of the ʻIolani Palace grounds in 1965 and restored by The Friends of ʻIolani Palace, who attempted to re-create its exact appearance.
THE BEST PEOPLE IN HONOLULU WALK ALL OVER US.

A lawyer makes a stand on elegant "Sant'Agostino" ceramic tile.

A local boy makes tracks on top-quality "Zanon" ceramic tile.

A banker puts his money on luxurious "Marazzi" ceramic tile.

When people want the best ceramic floor tile in Hawaii, they walk all over us at Moreira Tile.

Because our customers have come to expect the very best quality and selection of ceramic tile from us...with service that is second to none.

We've got imported ceramic tiles from around the world in more colors, styles and patterns than you thought was ever available in Hawaii.

Plus our selection of wall, kitchen and bathroom counter tiles can meet most of your decorating needs.

So whatever your ceramic tile needs from the floor up, come see us at Moreira Tile.

We'd love to have you walk all over us.

HAWAII'S CERAMIC TILE CENTER
MOREIRA TILE
"We're A Step Above The Rest"

CALL 845-6461 1297 KAUMULII ST., HON, HI 96817
First Hawaiian wants to pay your employees.

If you do your banking at First Hawaiian, we can probably handle your payroll better than anyone else (including even you). And if you don't bank with us, here are a few reasons why you should.

We're payroll specialists, with up-to-date computer programs and the experience to do your payroll quickly and correctly. We're always accessible and responsive to the changing needs of our customers. It's like having your own payroll department at the bank. (Unlike some other banks, we never "farm out" payroll services to a third party.)

First Hawaiian Bank professionals follow tax law changes for you, and you can also stop spending time gathering authorized signatures, doing reconciliations, etc.

Finally, if we can do it better and save you a lot of time, doesn't it follow that you'll save money, too? Call 525-6196 and see.
The renovation of Chinatown is finally under way, helping to establish the area as a desirable, unique urban resource.
1. New residential/commerical tower
2. The Perry Block Building
3. Hotel Street
4. Chinatown Gateway Park
5. Hawaii Theatre

Hawaii's own supplier of cement...
The revitalization of the Chinatown Historic District has had several false starts in the recent past.

In the mid-'70s it appeared that Chinatown had been recognized by portions of the design community as a unique location for those seeking a more interesting solution for their office and retail needs. A number of buildings were renovated and ground floors, lofts and second story spaces became new homes for design professionals.

Unfortunately this movement lasted but a short time and relatively few spaces were occupied. The economics of renovating buildings in Chinatown did not measure up to most developers' expectations even with tax incentives.

During the early '80s another wave of renovation occurred. This was stimulated by federal HUD funds being made available through the City and County of Honolulu to help renovate commercial buildings within the Chinatown Historic District.

This was an effective effort in relocating many existing small businesses into newly renovated spaces with greatly improved facilities. Many new businesses also moved into Chinatown occupying previously unoccupied or underutilized spaces.

This helped reinforce Chinatown as a shopping area for Asian goods, in particular on Maunakea and King streets which now have a thriving economy with a unique and colorful character.

Today there are major new changes sponsored by the City and County of Honolulu, which will help establish Chinatown as a truly unique urban resource. An area which will be affected by this work, initially, is centered along Hotel Street between Bethel and Nuuanu Avenue.

The principal change to date is the renovation of Hotel Street, widening the sidewalks and converting to a bus and pedestrian mall from Alakea to River Street. This will have a major impact allowing much freer pedestrian movement from downtown through Chinatown. Previously, the narrow sidewalks and heavy traffic created an uncomfortable and, in some cases, dangerous situation. The new work should be completed by

May 1988 Hawaii Architect 17
June of this year.

In conjunction with the Hotel Street Gateway renovation, the Chinatown Gateway will be located at the corner of Hotel and Bethel streets, between the Perry Block and the Hawaii Theatre. This major urban space will provide a dramatic entrance into Chinatown and have a significant impact along Hotel Street.

The park also will be very effective in providing visual access to the Hawaii Theatre across the park. The non-profit Hawaii Theatre Center is currently undertaking a fund-raising program for restoration of the theater. The Hawaii Theatre was designed as a grand movie palace and included extensive facilities for live theater productions with seating for 1,700 patrons when it was built in 1922.

The theater will be totally restored and turned into a performing arts facility for a wide variety of entertainment opportunities including live theater, symphony concerts and musical productions. An addition will be built adjacent to the theater to provide for rehearsal rooms, stage expansion and other necessary facilities for the operation of the theater.

The renovated theater combined with the Chinatown Gateway Park will provide a cultural center changing the image of Chinatown dramatically. The Downtown Chinatown Police Substation will be located in the historic Perry Block, the former location of Bill Lederer's Bar at the corner of Hotel Street and Nuuanu Avenue.

The substation will provide police services with direct access to downtown and Chinatown. Having a highly visible police presence will help to provide a safer pedestrian environment for downtown and Chinatown after hours which is particularly important with the growing residential population in the area. It is scheduled to be in operation by the end of the summer.

On the makai side of Hotel Street a new high-rise structure combining commercial and residential uses, as well as extensive parking facilities, also will begin construction in 1989. This will provide a major population shift for this location having a very strong impact on Chinatown commercial activities.

Although the continuing rediscovery and renovation of Chinatown has been sporadic in the past it is now proceeding at a faster pace and many dramatic changes will occur during 1988 and 1989.

In the flurry of new activity hopefully Chinatown will still retain a portion of its distinctive personality and provide an interesting extension of the commercial and residential area of downtown Honolulu.

Robert M. Fox is president of Fox Hawaii Inc., an architectural and planning firm.

"It takes a tough stain to survive in paradise."

You know what this environment in paradise does to the exterior of any wood structure. The humidity, searing sun and torrential rains are tough on shingles or any wood siding. That's why we recommend Cabot's unique Semi-Solid Stain to architects who want a finish that will survive in paradise. It gives long-lasting protection and requires minimal maintenance. It's totally unique because Cabot's Semi-Solid delivers up to twice the protection of an ordinary semi-transparent stain. So, specify Cabot's Semi-Solid Stain and experience the best.
We Wrote the Book.

Our comprehensive Product Catalog provides you with straightforward product information—from advantages and specifications to application procedures for over 200 different products. With brand names you know you can rely on: C-Cure, Dow, Hydrozo, Quikrete, Sika, Thoro, Tnemec. And many more.

Two special sections answer hard questions on specific building maintenance problems and on the restoration of damaged concrete.

Send for this 112-page, fully-illustrated reference book today. From waterproofing protection for concrete and masonry to patching materials and protective coatings for virtually any application, we’ve got you covered.
Historic Preservation

Recording an

by Robert C. Giebner

(Top): Scott Anderson (l) and Kenneth Imoehl take measurements at the cornice of the Bishop Bank Building. (Right): Michel van Ackere measures the entablature of the Yokohama Specie Bank Building.
Architectural Past

As communities evolve, reminders of where we have been become the touchstones of our progress.

In downtown Honolulu there are tangible reminders of the early 20th century corporate and public architecture. They complement the new, providing the scale often lacking in large block developments.

Their preservation adds credence to the position that our cities exist in time as well as in space. The spatial aspect of our cities is easily comprehensible; the temporal is more subtle and serves to link us to those generations which preceded us. Knowing the contributions of our ancestors is to know our town.

During the summer of 1987, a team of architectural technicians set out to document the historic buildings on Merchant and Nuuanu streets in downtown Honolulu. The project was sponsored by the Historic American Buildings Survey (HABS) of the National Park Service and was funded by a grant from the First American Title Insurance Company of America through its Hawaii affiliate (First American Title of Hawaii). The Historic Hawaii Foundation participated as co-sponsor in the project as did the Hawaii Society of the American Institute of Architects and the State Historic Preservation Office.

While Merchant Street is listed in the National Register of Historic Places as a historic district, its buildings had not been adequately documented. Most of the buildings have undergone considerable interior alterations over the decades, but the facades have remained essentially intact.

Since, in concept, the historic district receives its identity from the relationships between its component parts, primary consideration for this project was given to a facade study. Detailed drawings of the elevations were prepared from measurements taken in the field. The drawings were presented in ink on archival quality Mylar.

Many hours were spent accurately and graphically recording the unique architectural details executed in cut stone and terra cotta. The detail is extraordinary, from the terra cotta work in the upper elevations of the Stangenwald, Judd & Yokohama Specie buildings to the elaborate architraves surrounding the doors on the Honolulu Police Station.

The attention to detail also can be seen in the replication of rough cut stone on the Bishop Estate and Nippu Jiji Buildings, and the rustication and jigsaw work of the Kamehameha V Post Office. The Merchant Street elevation of the Yokohama Specie Building required more than 80 hours to ink in addition to the many hours of measuring and
The value of these records is underscored when one closely examines the documents of both Melcher’s Building and the Judd Building. The drawing of Melcher’s Building documented the façade prior to major rehabilitation work which was begun during the summer. It documents the condition of the building, right down to its stucco patchwork and surface cracks.

The drawing of the Judd Building calls acute attention to the impact of remodeling seen in the juxtaposition of new and old work. The elaborate detailing of the second through fourth floors and the general classical character of the building is lost in the remodeled main floor and the solarium on the fifth floor.

The measured drawings prepared by the team of architectural technicians were supported by historical research undertaken by the team’s architectural historian. The historian’s task was to research and synthesize all documentary evidence on the buildings and to address the role each played in the commercial development of downtown Honolulu.

---

It documents the condition of the building, right down to its stucco patchwork and surface cracks.

---

With its theme “Preservation is Documentation,” the Historic American Buildings Survey has been documenting historic buildings throughout the United States since 1933. Begun during the depression as a means of offering employment to architects, HABS is a tripartite program sponsored nationally by the National Park Service, the American Institute of Architects and the Library of Congress. The collection of documents (in excess of 16,000 buildings) is housed in the Library of Congress and is one of the library’s most used collections. Projects are supervised according to rigorous HABS standards.

Members of the Honolulu Merchant and Nuuanu streets documentation project included Professor Robert C. Giebner, University of Arizona, as Project Supervisor; Scott J. Anderson, Washington, D.C. (now with TRB Hawaii, Ltd.), as Project Foreman; Ken R. Imoehl, University of Arizona, Michel A. van Ackere, Brown University and Coy E. Burney, University of Maryland as Architectural Technicians; and Laura S. Alderman, Washington, D.C., as Project Historian. Office space was provided by the Hawaii Society/AIA. HA
We Have It!
The New Xerox 2510 Engineering Copier

Engineering reprographics with copier convenience and quality... at an affordable price!

- Makes sharp, black-on-white prints from bluelines, paste-ups, even rigid originals up to 1/8 inch thick.
- Copies drawings and prints full size up to 36 inches wide by any manageable length.
- Copies onto bond paper, vellum and polyester film.
- Affordably priced at just $4,495.00.

See it at:

EARLE M. ALEXANDER, LTD.
Since 1954

488-7781

XEROX* and all identifying numbers herein are trademarks of XEROX CORPORATION.
The Home of Singapore Slings Awaits a Facelift

by George J. "Pete" Wimberly, AIA

About a year ago, we were asked by the marketing division of the Singapore Tourist Promotion Board to investigate the possibility of restoring the Raffles Hotel to its historic grandeur and prominence.

The famous old building had been suffering since the end of World War II from the fact that it had two owners for various sections of the building and neither was truly in the hotel business.

However, a number of years ago, an astute manager was hired and he decided that the history of the Raffles Hotel could be sold, rather than the hotel itself. As a result, Raffles, in spite of being a rather ratty building with bad furniture, currently enjoys the highest occupancy rate of any single hotel in Singapore and every day sells an average of 1,500 Singapore Slings — a drink that originated in the Raffles Long Bar.

The astonishing occupancy rate is the result of promoting quick tours through Raffles, a less than commendable heritage show, tremendous interest that visitors have in colonial Singapore and the fact that most of the rest of colonial Singapore has been torn down to make way for high-rise development.

The entrance to Raffles envelopes a courtyard with a fountain as a focal point.
After restoration, Raffles' rooms will be quite large in comparison to many hotels.

Fortunately, the fabric of the original building is still intact, although covered up and chopped up to a certain extent. Early in our research, it became apparent that it was possible to restore the hotel, returning it to its original grand, world-class status.

As the gardens were still intact and the rooms — when properly restored — would be enormous, it would be possible for all the guest rooms to look out upon the gardens and for the public areas to open onto the same gardens.

However, in order to retain an area which could be used to satisfy the curiosity of hordes of tourists and yet not make the historic building untenable, it was felt that a piece of adjacent land, owned by the government, should be used as a place to serve the mandatory Singapore Slings and provide space for historic pageants.

The drawings included with this article are a result of our Raffles restoration research efforts. It is our hope that the owners of the hotel and the Singapore government will finally reach an accord to proceed with restoration of the hotel along these lines.

George J. "Pete" Wimberly is founder of Wimberly Whisenand Allison Tong & Goo Architects, a 43-year-old Honolulu and California based firm specializing in resort and other hotel architecture.

More and more of the construction on Hawaii's highways, streets, runways, and other areas of heavy traffic is being done in concrete. In the life cycle of a roadway, no other material costs the taxpayer less, no other material serves him better.

New ideas in concrete paving equipment design are being used with greater frequency to do the jobs faster, make the work more efficient, and further reduce the inconvenience to highway users while construction is under way.

For information on the many ways concrete can increase the values and lower the cost of your project, simply call the CCPI Research Library.
Preserving Natural Grandeur Through Hawaii’s Constitution

by Alfred Preis, FAIA-ME

The late Kenneth Roehrig enjoyed the esteem of his fellow architects, the building industry and the community. As partner in a most prestigious firm, he held considerable weight and influence. As a member of the powerful City Planning Commission, Roehrig exercised this influence constructively and conscientiously.

In 1949 or 1950, when reviewing the required permit applications for the projected Foster Tower building in Waikiki, Roehrig saw an opportunity to realign Kalakaua Avenue and win, forever, an unobstructed view of Diamond Head, Hawaii’s foremost landmark.

Roehrig became engrossed with this unique chance and decided to pursue it at the Planning Commission, recognizing fully the difficulties this proposal would encounter. Encounter difficulties he did. The commission, advised by its director, George Houghtailing,

Today, numerous high-rise buildings mask a clear view of Diamond Head from Kalakaua Avenue. Had Hawaii’s State Constitution been in effect when the first of these buildings was planned, the view might have been saved. Photo by Augie Salbosa
decided against it, largely on constitutional grounds. But Roehrig didn’t want to give up so easily.

Seeking support from the Hawaii Chapter, the American Institute of Architects (the previous name of the Hawaii Society), Roehrig was asked to see me, since I was chairman of what we then called the Civic Planning Committee. This is how I became involved in this situation, not knowing to what unexpected ends it would lead me.

When I visited George Houghtailing, he reiterated that the construction did not allow infringements on property rights, the owner would be unwilling to sell, and there were no provisions in the constitution concerned with any aesthetic interests of the public or of architects.

Houghtailing seemed to view aesthetic aspirations as luxurious and unnecessary. The fact that residents and visitors to Hawaii would be deprived of the pleasure to see Diamond Head in its full beauty and grandeur when walking or driving up Kalakaua Avenue didn’t seem to trouble him very much. The theory that aesthetic values of such an experience would one day be translated into economic values was not yet a generally accepted viewpoint. There was clearly something important lacking in the then-prevailing value system. But what to do?

By coincidence, at this time, the territorial government began planning a convention to draft a state constitution, in anticipation of the soon to be expected statehood for Hawaii.

For Hawaii, the conservation and thoughtful utilization of her natural beauty and cultural heritage, with strong emphasis on an attractive and orderly built environment, was of such importance in attaining world recognition as a tourist center that ways had to be found to have an appropriate provision incorporated in the new state constitution.

This is how the idea was born to lobby for the inclusion of a clause encouraging, if not mandating, aesthetic considerations in all decisions affecting the welfare of all the people living in or visiting Hawaii.

The conservation idea was presented to and authorized by the Hawaii Chapter/AIA. Richard Windisch was appointed spokesman for the chapter, while...
The theory that aesthetic values would one day be translated into economic values was not yet a generally accepted viewpoint.

I was to coordinate with other planning and community groups to gain their support. I also was made responsible for the development and implementation of a promising strategy. But how to begin?

Serendipity came to the rescue one fine morning when I brought my son (now a courageous architect) to kindergarten and was introduced to the Honorable Herbert K. Lee, territorial senator and elected delegate to the constitutional assembly, who was also accompanied by his child. He listened attentively, asked some questions and consented to introduce the proposal to the convention.

Whether Senator Lee developed the wording of what was to become Article VIII, Section 5 of the constitution with or without the collaboration of the legislative reference bureau, or of Dr. Nils Larsen, chairman of the Committee on Health and Welfare, or Dr. Harold Loper, who were both supportive of the proposal, or only on my occasional input, I cannot say. But I do know that the ultimate wording, whoever contributed to its finalization, reflected the discussions and recommendations of the Hawaii Chapter/AIA.

Led by Chapter President Cy Lemmon, the chapter discussed the progress reports presented by Mr. Windisch. On Aug. 17, the chapter adopted a motion, introduced by me and seconded by the late Hart Wood, to endorse the final version of Article VIII, Section 5 entitled Public Sightliness and Good Order.

It read as follows:

"The State shall have the power to conserve its natural beauty, objects and places of historic and cultural interest, sightliness and physical good
order and for that purpose private property shall be subject to reasonable regulations.”

This final draft was adopted by the delegation of the convention on July 22, 1950 and by the general public when voting for the admission of Hawaii as a state in the union.

Had we had the State Constitution when the Foster Tower building was under debate, the view up Kalakaua Avenue to Diamond Head could have been saved.

The effectiveness of the constitutional provision at the time of its passage was unique in the United States, and proved itself soon by the enactment of the equally unique Land Use Law, the Hawaii Billboard Law, the Honolulu Sign Ordinance and the Shoreline Management Act. Additionally, Preservation Districts for landmarks such as Diamond Head, Punchbowl, the Marine conservation areas at Hanauma Bay and other areas were established, as well as the establishment of the high standards of design in the Hawaii State Capital District, plus the establishment of the State Foundation on Culture and the Arts.

The second constitutional convention, held in 1968, retained Article VIII, Section 5 without alterations. It has been tested and upheld by the Hawaii Supreme Court, in a brilliantly written opinion of June 28, 1967, in a test case on the Honolulu Sign Ordinance, by the late Justice Bernard Levinson.

But the third convention, in 1978, resulted in many changes. Among them, were moving Article VIII to IX, and adding Article XI.

Article IX: Public Health and Welfare

Section 7: Public Sightliness and Good Order

“The State shall have the power to conserve and develop objects and places of historic and cultural interest and provide for public sightliness and physical good order. For these purposes private property shall be subject to reasonable regulation.”

Section 8: Preservation of a Healthful Environment

“The State shall have the power to promote and maintain a healthful environment, including the prevention of any excessive demands upon the environment and the State resources.”

Section 9: Cultural Resources

“The State shall have the power to preserve and develop the cultural, creative and traditional arts of its various ethnic groups.”

Article XI: Conservation, Control, and Development Resources

Section 1: Conservation and

A CAL-SHAKE ROOF WON’T COME BACK TO HAUNT YOU.

You can count on roofs made by Cal-Shake. We know you want to keep a project from coming back across your desk, so we produce Cal-Shake to meet your highest quality expectations.

We’re not afraid of anything...we stand behind our product and provide you with outstanding service, now that should brighten your spirits.

Fireproof Cal-Shake is lightweight and it won’t rot, split or curl, even under the most horrid weather conditions.

Specify Cal-Shake on all of your projects, and may you forever rest in peace.

Pioneer Plaza, Suite 1777, 900 Fort Street Mall, Honolulu, HI 96813-9729

May 1988 Hawaii Architect 29
For the benefit of present and future generations, the State and its political subdivisions shall conserve and protect Hawaii's natural beauty and all natural resources, including land, water, air, mineral and energy resources, and shall promote the development and utilization of these resources in a manner consistent with their conservation and in furtherance of the self-sufficiency of the State. All public natural resources shall be held in public trust for the benefit of the people."

At short notice, I was requested by convention delegate, now Senator Anthony Chang, to assist, in my role as executive director of the State Foundation on Culture and the Arts, in drafting the changes he and his committee desired. I endeavored to save the previous wording of Article VIII, Section 5, now to be identified as Article IX, Section 9: Cultural Resources, and to transfer the phrase on natural beauty from previous Article VIII, Section 5 to the new Article IX, as shown above.

Regrettably, there was not enough time to consult with the Hawaii Chapter/AIA as I would have preferred. In any future constitutional conventions, based on these experiences, it would be my strong recommendation that a Society member be assigned throughout the convention to act as liaison for the profession, become acquainted with convention delegates and represent the aesthetic interests of the design profession.

Alfred Preis emigrated from Austria and has been living in Honolulu since 1939. After 20 years as a principal in architectural practice, he was appointed State Planning Coordinator in 1963. He was instrumental in the establishment of the State Foundation on Culture and the Arts in 1965, and was named its executive director in 1967. Preis is a member emeritus of the Hawaii Society/AIA.
Only Wolmanized® wood has a 20-year warranty against termite and rot damage in qualified homes. Only Honolulu Wood Treating Co., Ltd. supplies Wolmanized® wood here in Hawaii.

682-5704

How can this be accomplished? Waterproofing has become an art and uses scientific principles as a foundation. We must first thoroughly understand basic principles of preventing water intrusion, internal and external pressure, directional flow of vapors, and why. An understanding of these principles is essential to determine how to waterproof.

We do know, if it is raining and the building leaks, we have a problem. It is easy to say, “plug the hole.” In some instances, you may not be able to locate the hole or place of water entry. You may have a ceiling that has continual moisture or water on the inside. The ceiling is located directly under the roof. Does this mean the roof leaks? Not necessarily.

Let's stop and think for a moment. We have a glass of water. The glass of water is the...
An understanding of scientific principles is essential to determine how to waterproof.

same temperature as the air around it. Add ice to the water and moisture appears on the outside of the glass. Did the addition of the ice to the water cause the glass to leak? No.

The moisture you see on the outside of the glass of ice water is condensation. It is not coming through the glass, but forms on the outside because of the significant temperature difference between the ice water in the glass and the temperature of the air around it.

When waterproofing a building, we consider design, type of structure, windows, climate and geographical location. The transmission of vapors will vary according to climate at given times of the year. The interior temperature of the building as well as the outside air temperature will cause vapors to be drawn into or out of the building.

Just as you and I cannot breathe with a plastic bag over our head, neither can masonry...
and wood structures breathe if completely encapsulated. If a building is not allowed to breathe, it will eventually deteriorate from within.

Now we understand that a building must be allowed to breathe and that interior moisture may not be the result of water running in from the outside. Once we determine the primary directional flow of vapors (considering geographical location, climatic changes and type of structure), we can decide what type of waterproofing is necessary.

Are we looking at below grade, above grade or roof waterproofing? Is the installation of the waterproofing on the exterior or interior of the building? We will decide what types of products can be used, and not compromise the structural integrity of the building.

On below grade waterproofing, we must have a vapor barrier on the exterior side of the structure. Minimum requirements are polyethylene sheeting under the concrete floor slab and a tar type coating on the exterior wall surface. These minimum requirements are a must, if only to reduce vapor transmission and condensation.

Structures built where ground water is of more concern than just damproofing of the below grade surfaces require a different approach. Prior to the 1960s, exterior walls were waterproofed with coal tar and asphaltic based materials. Some products were reinforced with fabric or fibers. The products were hot applied, sprayed, troweled or rolled. They are proven reliable and still in use today.

The same basic products were later modified with urethane to give them more flexibility and bridging capabilities. These products also are used between concrete slabs and in planters. Below grade, they require the use of protection board prior to backfilling.

Recently the use of bentonite for below grade waterproofing has become more common. It can be spray applied, installed in panels or applied as sheet membrane. If leaks occur below grade in a sound structure, correction can be accomplished from the interior using cement based products with various additives, or with the injection of urethane grouts.

Above ground waterproofing utilizes another approach. Keeping in mind that the structure must breathe, the ideal is to have unrestricted vapor transmission. However, concrete is like a dry sponge and will absorb water borne impurities. It must be protected.

Hawaii has the additional
problem of the salt air attacking the structure. There are various types of transparent sealers available to protect the concrete. Surface sealers include acrylics, urethanes, acrylic paints and others. Penetrating sealers are silicones, silanes and sterates. All are successful products and will be effective for six months to more than 10 years. At this time, certain silanes appear to be the best sealers to combat chloride penetration from salt air.

A hi-build elastomeric weatherproof coating may be necessary when concrete is too porous, is taking on water and has considerable movement. Surface preparation and proper sealing of cracks is the key to a successful installation of an elastomeric coating system.

The manufacturers of the elastomeric coatings will provide warranties if their specifications for installation are followed. However, even when the application is correct, internal vapors drawn to the back side of the coating can cause coating adhesion problems. An early sign of vapors trying to escape will be the appearance of bubbles or blisters under the coating. Bubbles will be most noticeable at midday when the sun warms the surface and the interior rooms are cool. The bubbles are caused by vapor transmission and are not necessarily an application or product failure.

Do your homework. Be selective in choosing the correct product for your installation. Remember that the structure must be allowed to breathe and coating building will reduce the breathability, causing more harm than good in the long term. You want to preserve your building and prevent excess moisture from entering while allowing the internal moisture to exit. 

Kenneth C. Smith is president of West Coast Waterproofing, Inc.

Bring your customer into the 21st century with a BUILT-IN CENTRALIZED VACUUM SYSTEM that lasts the life of the building. A-1 Vacu-Maid is #1 world-wide.

Typical installation:

Power Unit: Wall mounted in garage, basement, utility room, or any expendable space that is accessible for emptying canister.

Vinyl Tubing and Fittings: May be installed under floors, in walls or attic, even in concrete slab to be inlets into the vacuum power unit. Length of tubing run in a normal home does not appreciably affect vacuum efficiency.

Inlet Location: Should be installed on interior walls, at doorways or in halls, and where they will not be blocked by furniture. Central location allows greater coverage from a single inlet.

Exhaust Line: Vents from the power unit to the outside. Directs exhaust and fine particles away from living quarters.

Condo's • Houses • Hotels • Hospitals • Industrial

Healthy • Quiet • Convenient • Powerful

Easily Installed into Existing & New Homes & Buildings

We will provide professional designing and installation of any Vacu-Maid system.

A-1 Vacu-Maid
BUILT-IN CENTRAL VACUUM SYSTEMS

848-VACU

May 1988 Hawaii Architect 35
Quality Control in Building and Architecture

(First of two parts)

by Andrew C. Yanoviak
AIA, CSI

The national AIA Journal Architecture now incorporates an "architectural technology" section. Previously, this was a separate edition pioneered by several AIA members who saw the need to improve the quality of architecture. Unfortunately, the AIA Research Foundation has since been abolished.

Education of Architects, Engineers and Contractors:
A good case can be made for

Thousands of feet on thousands of tiles—that's when Porcelain Ceramics really shine! Imagine the daily punishment this floor takes as tourists from around the world shuffle and scuff across the surface to look, pause, stop and move on again. And yet the floor will remain bright, colorful and new-looking for a lifetime.

This installation at the Visitor Center of the new Dole Cannery Square, a development of Oceanic Properties, Inc., features our exclusive Porcelain pavers by Crossville in the regular, unpolished surface as specified by architects Sutton Candia Partners, A.I.A. Color selection included 11,000 s.f. of Cinnamon, 1,700 s.f. of Burgundy, and 1,600 s.f. of Rosewood. Ask us to show you this incomparable product.

Installation by Pacific Terrazzo & Tile Corp.
The very best case can be made for the manner in which we educate and train contractors and apprentices in the construction trades.

the dire need to incorporate architectural engineering departments and design research centers within the schools of architecture. An even better case can be made for the current manner in which we educate and train engineering consultants.

But perhaps the very best case can be made for the manner in which we educate and train contractors and apprentices in the construction trades. The Honolulu Chapter of CSI (Construction Specifications Institute) has formed the CIRIES (Construction Industry Research Information Education Services) group to address these essential areas of quality control in building construction.

Construction Litigation:

In response to the preponderance of construction litigation and rather large settlement awards for expensive remedial repairs, there has been a tendency among design professionals to wish out loud for the abolition and elimination of all attorneys as a panacea for their professional liability insurance problems.

As a profession, the attorneys are well organized and sufficiently prepared by the court system to meet societal needs and demands for their creative services. With the assistance of design and construction consultants and the insurance industry, they can be quite constructive in fulfilling the (continued)
Building with Blocks; Count the Advantages:

- Naturally attractive
- Easy to install
- Inexpensive
- Durable
- Easy to maintain
- Fire resistant
- Strong
- Insurance-favorable
- Wide variety of styles
- Readily available
- Termite resistant

When you decide to build, expand, renovate, decorate or improve, do it with masonry. The advantages go on and on!

"BUILD HAWAII STRONG WITH MASONRY"

MASONRY INSTITUTE OF HAWAII
Phone 833-1882
needs of society to preserve funds invested in building construction.

Until architects, engineers and contractors realize that building owners and developers as well as themselves are responsible for the recurrent lack of quality control in the construction industry, the legal profession will assuredly have a major gap to bridge among interacting business professionals who are relatively disorganized and neglecting to fulfill the demands of their written contracts and societal expectations.

Quality Control:

The professional liability insurance rates for structural engineers have been increasing rather dramatically over the past several years while coverages have diminished. Naturally, this has caused some degree of alarm among not only professional engineers, but the architects and building owners who retain them. As design professionals, structural engineers and the architects who coordinate their design efforts have been singled out for building failures and construction deficiencies.

Most contractors are not insured for the quality of their workmanship, only for consequential damages (e.g. to carpets, draperies and furniture) caused by water infiltration, cracks in structural concrete or masonry construction.

Over the past decade, geotechnical and soils engineers have been able to dramatically reduce the number and severity of construction litigation claims made against them by altering their business contracts and professional practices. Other engineers and architects also have maintained their quality control standards of professional practice and due care.

Building Codes and Standards:

As a direct consequence of the abundance of construction litigation, most affected building owners and design professionals are painfully aware that for the most part, building codes represent only the bare minimum requirements for public safety and welfare.

In utter frustration, counter to the advice of other design professionals and professional liability insurance carriers, the American Society of Civil Engineers has prepared its first draft of a professional practice guidelines manual complete with checklists. Other quality control efforts also have resulted in guideline checklists and standards produced for government and corporate clients.


Meet Two Of Our Blueprints For Success At The Gas Company

Kimo Naauao and Charlie Bazell of The Gas Company Engineering Services Department

Meet Kimo Naauao and Charlie Bazell of The Gas Company’s Engineering Services Department.

When it comes to gas-related matters on building design, they’re our blueprints for success.

They provide expert guidance and technical expertise in the design and specification of materials, equipment and other gas-related matters for you.

Plus they also ensure company and customer compliance with federal, state and county standards, as well as prepare blueprints for installation.

When you need the best in gas-related matters for your project, give Kimo or Charlie a call.

And let their 40 years of combined experience be your blueprint for success too.

GAS Hawaii’s Energy Savior From The Gas Company

Charlie Bazell: 547-3518
Kimo Naauao: 547-3519

The Gas Company
Powerful Partners
Hawaii Members Advanced to Fellows

Donald W.Y. Goo and Arthur M. Weber of Honolulu, members of the Hawaii Society/AIA, have been advanced to the College of Fellows of The American Institute of Architects (AIA).

Fellowship is a lifetime honor bestowed for notable contributions to the profession of architecture. All Fellows of the AIA are entitled to use the initials "FAIA" after their names. Sixty-four Fellows, including Goo and Weber, will be invested during the 1988 AIA National Convention in New York City, May 15-18.

Goo is president and chief executive officer of Wimberly Whisenand Allison Tong & Goo (WWAT&G), a 43-year-old Honolulu and California based architectural and planning firm organized for domestic and international practice. The group is active throughout the Pacific Basin, United States, Mexico, the Caribbean and Europe.

Weber is president and partner of Architects International, Ltd., a firm organized in 1987. He spent his architectural career both in the private sector and as an architect for the U.S. government. He retired from government service in December 1986.
Interior Designers to Sponsor Workshop

The Hawaii Chapter-American Society of Interior Designers (ASID) is sponsoring a seminar/workshop May 21 entitled "Designing Human Space." The seminar will run from 9 a.m. to 4:30 p.m. in the Waianae Room, Sheraton Waikiki Hotel.

Antonio F. Torrice, ASID, will present the session. The course is designed to impart to residential and commercial design professionals, as well as students, a clear understanding of the psychological and physiological effects of natural and manmade environments on human behavior.

For more information and registration, contact Beverly Major at 924-5196.

Original Designs Sought for Show

Hawaii architects and designers are invited to submit original design studies, concept sketches, diagrams, drawings and study models for an exhibit sponsored by the Hawaii Society/AIA at the Amfac Plaza Gallery July 26-Aug. 5.

The show is about the process, not the product, of design. Drawings should reflect the initial inspiration or intuitive origin of design ideas and still have ties to the drawing board.

Submission deadline for all entries is June 1, 1988. All types of materials are encouraged (rolled, folded, framed). Upon acceptance into the show, architects will be asked to appropriately frame and mount their drawings for showing purposes.

For more information, call Barbara Allen, UH School of Architecture, 948-6845.
Architectural Elegance Explored at Preservation Parade

The 11th annual Preservation Parade, sponsored by Historic Hawai'i Foundation in association with the Hawaii Chapter, American Society of Interior Designers, offers the opportunity to visit 10 distinctive homes in the Kahala and Diamond Head areas the weekend of May 14-15.

Noted architects, builders and interior designers will hold seminars at La Pietra, 2933 Poni Moi Road, the starting point of the tour, and will speak on restoration methods, remodeling techniques and landscaping.

Each day, different residences will be open for guided tours. Five homes on the slopes of Diamond Head will be shown on Saturday, with free shuttle service from La Pietra. On Sunday, five Kahala homes will be shown. Tour times are from 10 a.m. to 3 p.m. both days.

Tickets the day of the event may be purchased for $10 at La Pietra. Ticket price includes the seminars.

For more information, call the Historic Hawai'i Foundation at 537-9564.

Ferraro, Choi Open Firm

Partners Joseph J. Ferraro and Gerald K. Choi, president and vice president respectively, recently opened a new Honolulu architectural firm, Ferraro Choi And Associates Ltd.

Ferraro, a graduate of Pratt Institute, Brooklyn, New York, also attended the University of Hawaii School of Architecture. He is a member of the Hawaii Society/AIA and serves on the National Interiors Committee.

In 1981, Ferraro joined The CJS Group Architects as director of interiors. After working at the firm for six years, he left as vice president.

Choi has a Bachelor of Fine Arts with Distinction in Architecture from the University of Hawaii. He is a member of the National and Hawaii Society/AIA.

Formerly chief operations officer and treasurer of The CJS Group Architects, Choi was responsible for the development and deployment of computer technology for project design and financial management.
Newcomers, Promotions Strengthen Hawaii Firms

PBR HAWAI'I, Landscape Architects and Land Planners, recently announced the promotions of Stan Duncan and Michael Terry to Senior Associates of the firm.

Duncan, a graduate of the University of Oregon with a bachelor's degree in Landscape Architecture, joined PBR HAWAI'I in 1981. He is the landscape architect in charge of the Honolulu Zoo African Savanna and Children's Zoo, Kahului Airport Terminal Expansion, Lanikuhonua/Hawaiian Cultural Center and Ko Olina Resort Golf Course at West Beach.

Terry joined PBR HAWAI'I in 1984. He is a graduate of Kansas State University with a bachelor's degree in Landscape Architecture. He has had extensive international experience on major resort, commercial and residential projects in Australia, Okinawa, Singapore and Egypt and locally has been the landscape architect and planner in charge of One Waterfront Plaza, 'Iolani Palace, Wailea Resort, Maalaea Triangle and Wailuku Industrial Park.

Roberto B. Yumol, AIA, was recently promoted to Associate at Architects Hawaii Ltd.

Yumol, a registered architect in Hawaii and the Philippines, served as project designer for the Kaiser Skilled Nursing Facility/ Lab Building and project manager for the Liliuokalani Gardens and the Kona Surf Convention Center.

Before joining Architects

YOUR 1ST CHOICE IN KITCHENS OF DISTINCTION.
Suppliers of:
Thermador
Waste King

When performance counts in cooktops, ovens, dishwashers and ventilation.

KITCHEN DISTRIBUTION CENTER
A DIVISION OF TKG, INC
250 WARD AVE. • HONOLULU, HI. 96814-4093 • (808) 531-9827
Two new members were recently added to Leo A. Daly's space planning and interior design team.

Rhonda Rasmussen comes to Daly's Honolulu office from Hong Kong and London. A graduate of the University of Oregon, she specializes in office renovations.

JoAnn Tasaki is a recent graduate of California State University at Long Beach. She spent three years interning with design firms in the Southern California area.

Kirk Potter has joined the architectural firm of Stringer Tusher & Associates (STA) as staff architect. Before joining STA Potter was an associate at James R. Child Associates in Salt Lake City, where he was a designer for various office buildings, commercial/retail centers and custom residences.

Potter holds a Master of Architecture from the University of Utah.

David C. Ayer has joined the architectural firm of Stringer Tusher & Associates as project architect for the Outrigger Hotels of Hawaii extensive renovation program encompassing the Reef Hotel, Reef Towers and Outrigger Waikiki.

Prior to joining STA, Ayer was director of architecture for Daniel, Mann, Johnson, & Mendenhall/Salt Lake City.

Coral C. King, AIA, was recently promoted from staff architect to Associate with the architectural firm of Kimura/Ybl & Associates, Ltd., AIA Architects and Planners.
SERVICE DIRECTORY

Sharpe Company
Representative For:
Acme Bolt & Screw • Zoro
Aumakua Hardware • Aluminum
McIntyre Metals • Merchant & Evans
116 Kaiulani Loop, Kaiulani, Hawaii 96814
Phone: (808) 262-7336

Floretotica, Inc.
SILK FLOWERS AND FOLIAGE
• Custom trees to 20 ft.
• Planter boxes
• Arrangements
• Direct import prices
• Free design service
500 Alaka, #210
Honolulu, Hawaii 96817 • 842-5166

FABRICA
FABRICA INTERNATIONAL
Residential & Commercial Carpet
Handcrafted Area Rugs now represented by
FLORENCE SHIBUYA
Designer Showroom
214-G Sand Island Access Road
Honolulu, Hawaii 96819
Phone: (808) 841-5825

FUTURA STONE
OF HAWAII
DESIGNER ELEGANCE IN OUTDOOR FLOORING
FREE ESTIMATES RESIDENTIAL COMMERCIAL
2951 Lualua Ave
833-7433

FINLAY TESTING LABORATORIES
• Soils & Concrete
• Non Destructive Testing
• Project Inspection & Quality Control
• Material Verifications & Monitoring
99-040 IWAENA ST., AIEA, HI 96701
(808) 487-0005

ALL POOL & SPA
Residential/Commercial
• construction • renovations
• maintenance • replastering
• repairs • free estimates
Oahu, Hawaii, Kauai & Maui
Main Office: 261-8991 • Lic. #C-10922

KATSUBE CABINET
& FIXTURE
STORE FIXTURES
OFFICE RENOVATION
CUSTOM HOME IMPROVEMENTS
ALL TYPES—CUSTOM MADE
1320 Kalani St.
845-7447
Lic. No. C9293

FIREPLACE HAWAI INC.
630 Laumaka Street
Honolulu, Hawaii 96819-2312
(808) 842-3100
Eve Blomgren, President

SAYLOR BIDWELL PACIFIC
745 Fort St. Mall #604
Honolulu, Hawaii 96813
• UBC Section 306 Inspections
• Expert Witness Testimony
• Mediation/Arbitration
• Claims Preparation
• Project Management • CPM Scheduling
JAMES K. BIDWELL P.E.
Consultant to Architects and
Contractors
General Engineering and General Building Construction Licenses

GLAZING CONTRACTING
955-2231
Lic. No. C-7453

PROTECT SERVICES INDUSTRY
Nationwide Sales
Installation and Service
• INDUSTRIAL • COMMERCIAL
• INSTITUTIONAL • Burglar • Fire
• Closed Circuit TV • Access Control
Call for free consultation & estimates
No obligation
Central Station • Sales & Administration
536-2182 • 537-2591
5-123 Hall 745 South

For $60 per month
this ad could be
selling your product
or service to all of
Hawaii's architects.
Call 621-8200.
New Members Welcomed

Lou Chak Chan of Lou Chan & Associates, Inc. recently joined the Hawaii Society/AIA as a new member. A graduate of the University of Hawaii, Chan holds a Master of Architecture degree. He is married to Kwong Yee Chan.

The Hawaii Society/AIA recently welcomed Kai Yajima as a member. Yajima earned a Bachelor of Engineering degree from Tokyo Kogakuin University. He also attended State University of New York's Graduate School of Fine Art on a Fulbright Scholarship.

Yajima is employed by the Boss Corporation U.S.A. Inc. His hobbies include camping, mountaineering, golf and fishing.

Hawaii Society Office Moved

The offices of the Hawaii Society/American Institute of Architects have been moved to ground floor, street front space, 1128 Nuuanu Avenue (the old Love’s Bakery).

Telephone number will remain 545-4242. Members’ cooperation during this period of transition is appreciated.

Correction

Due to an editing oversight, the first paragraph of Francis Oda’s story “A Fantasy With Substance,” appearing in the April issue of Hawaii Architect, was incorrect.

The paragraph should have read, “Nowhere is one person’s fantasy more another person’s reality than on Lanai.”

Hawaii Architect regrets the error.
THE BEST COMBINATION OF PRICE AND QUALITY IS NOW AVAILABLE IN SIX DIFFERENT COLORS!

QS-102
ONE-PART POLYURETHANE CONSTRUCTION SEALANT

- LOW MODULUS
- HIGH PERFORMANCE
- MEETS FEDERAL SPECIFICATION TT-S-00230C TYPE II CLASS A
- MEETS ASTM C920, TYPE S, GRADE NS, CLASS 25
- ONE YEAR SHELF LIFE
- PRIMERLESS ADHESION TO COMMON SUBSTRATES
- FAST SKIN TIME
- AVAILABLE IN SIX STANDARD COLORS

NOW IN STOCK AT
MONARCH BUILDING SUPPLY
749 Mapunapuna Street
Honolulu, HI 96820
Phone: 834-5678

Quaker Sealants & Coatings Company
A Subsidiary of Quaker Chemical Corporation
For complete product specifications and more information
Contact Jim Del Rosario. Phone: 523-8406.

Pacific Regional Office:
866 Iwilei Road, Bay 219
Honolulu, HI 96817
Phone: (808) 523-8406
PRESENTS....

HOMESTEAD, the charm of wood with the strength of concrete. Made in Hawaii for Island living, Homestead is the ultimate answer for those with a burning desire to find a lifelong alternative to wood shakes and shingles. Here in one product, MONIER has created a tile whose design, texture and colorings defy its tile roots. Not only does Homestead add years to the life of your roof, it boasts a Class "A" fire rating and carries a 50-year limited warranty. The rustic ambience of wood needn’t become a thing of the past. Rekindle it with MONIER’s Homestead tile.

MONIER ROOF TILE .... anything else is a compromise

Call or write us today for information on all our products

91-185 Kalaeloa Boulevard, Ewa Beach, Hawaii 96707 ■ (808) 682-4523

Phoenix, Arizona (602) 269-2288  Lakeland, Florida (813) 665-3316  Corona, California (714) 737-3888  Duncanville, Texas (214) 298-6148  Stockton, California (209) 982-1473  Tacoma, Washington (206) 581-3666  Orange, California (714) 538-8822