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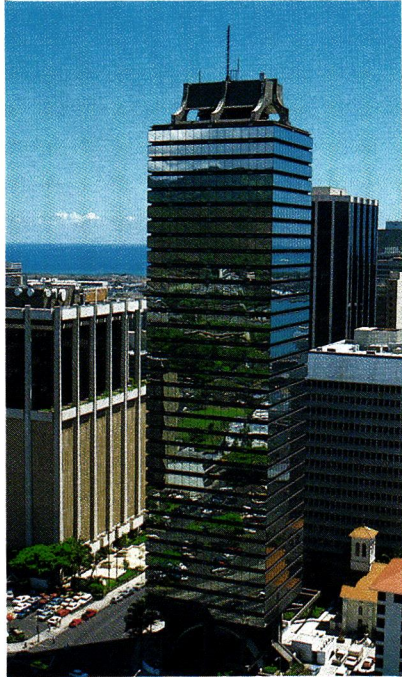
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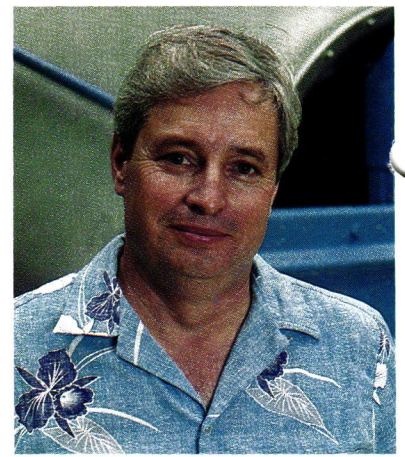
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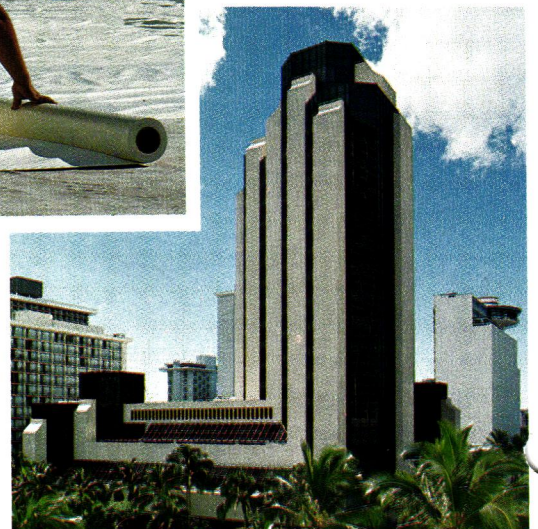
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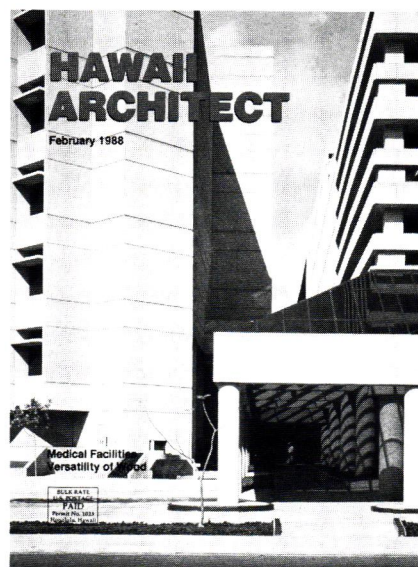
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Cover: The Pensacola Street entrance to the Kaiser Permanente Honolulu Clinic features a glazed covered walkway which offers an interesting shadowing effect under Hawaii's sunlight. Photo by David Franzen

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Pacific Focus: Ambassadors of Creative Spirit

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

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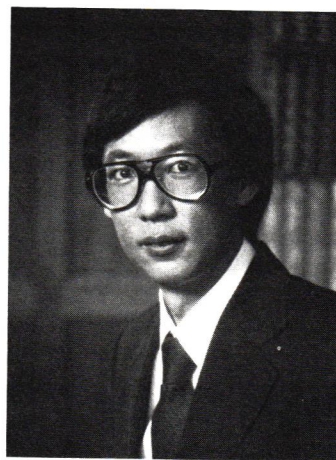
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Victoria A. Wong

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Contributing editor to the *Honolulu Star-Bulletin* and our own former public board member, A. A. Smyser, wrote inspiringly of Hawaii's Pacific future in a recent issue of the newspaper. In it he quotes a Japanese investor who said he considers Hawaii not as a part of the United States but as a "part of the world."

Smyser's profoundly drawn message, printed Nov. 3, 1987, following extended research and dozens of interviews, complements our own HS/AIA platform—and in a sense challenges us to become an active part in helping determine Hawaii's Pacific Basin role.



Norman G. Y. Hong

America's "Future State," and perceives us as the prospective pacesetter in moving our nation from its preoccupation with Europe and the Atlantic to a

*"... an active part in helping determine
Hawaii's Pacific Basin role."*

In the past, Smyser notes, when Hawaii has committed itself wholeheartedly to major courses of action, such as statehood and tourism, we have succeeded. "... we now need to organize a third great community quest, this time to develop the strongest role we can for Hawaii as a participant in the steadily growing interchange and commerce between America and the Pacific Basin region." Additionally, he calls for moving from a philosophical commitment to an active role in making that happen—realizing that "the era of the Pacific" will take place with or without us.

Smyser speaks of Hawaii as

successful Pacific Basin focus.

I concur. Hawaii can, indeed, become essential to this larger world community focus—or we can let it pass us by, perhaps to our own detriment. As architects, I can't help but relate to the modern practice of medicine. Physicians today are not merely diagnostic or curative, they are concerned with preventive or wellness focused health care. Furthermore, I recall our governor's recent legislative address in which he, too, spoke of our community's "state of health" and our Asian-Pacific mandate.

Architects are known for their graphic futuristic prescriptions.

(continued on page 9)

The Queen's Medical Center: Quality Health Care With Aloha

by Walter H. Muraoka, AIA

"When Captain James Cook arrived in the Sandwich Islands in 1778, there were more than 250,000 native inhabitants. By 1850, just before Alexander Liholiho ascended the throne as King Kamehameha IV, the number of native Hawaiians had shrunk to less than 60,000, a tragic result of major epidemics of smallpox and measles.

"At the time of the epidemics, there were no hospitals for Hawaiians, a fact that distressed young Queen Emma. The wife of Kamehameha IV, she came from aristocratic families of both Hawaiian and English blood.

"As a child, Emma was adopted by her uncle and aunt, Dr. and Mrs. T.C.B. Rooke. Dr. Rooke, a prominent Honolulu physician, often cared for ailing Hawaiians in his dispensary. In 1853, moved by the sad plight of her people, King Kamehameha and Queen Emma, then only in their twenties, began personally soliciting funds to build a hospital for Hawaii."¹



An exterior view of the Queen Emma Tower shows the combination of precast and poured-in-place ribbed formed concrete contrasted against smooth, poured-in-place horizontal bands of concrete. Photo by Augie Salbosa

On July 17, 1860, the cornerstone of the Queen's Hospital was laid on the present site. So began the origins of The Queen's Medical Center. Over the past 127 years, the hospital has grown from a two-story coral stone building that held 124 beds to a 506-bed major medical center serving the people of Hawaii and the Pacific Basin.

In the late 1970's, Architects Hawaii Ltd. was retained by The Queen's Medical Center to prepare a series of master planning alternatives to guide the long term growth of the facility.

In 1980, the first major step was taken with the reconstruction and addition to the medical center's central utility plant. Careful planning and coordination was required by medical center personnel, the design team and the general contractor to keep the facility fully operational.

The central utility plant project was followed by the design and construction of the new Queen Emma Tower addition. The planning and design process faced the challenges of a tight urban site, the requirements of the Capitol Design District, and to maintain ongoing day-to-day operations.

The new addition required the demolition of the original Liholiho Wing which was constructed in 1925. One of the biggest challenges was to keep

¹ Excerpt from QMC Historical Room Brochure

the medical center operational during construction. In addition to controlling dust, noise and vibration, alternative circulation access and routes for patients, staff and visitors were required; vehicular access to and on the site was curtailed; and all utility services had to be maintained.

Communications Center, Imaging Services, a centralized Material Management Center, Dietary Services, 14 operating room Surgical Suites and 96 critical care patient beds.

Floors six through 10 were shelled in for future growth. A new helipad was located on the

300-ft. Stacked on the base are two interconnected inpatient care wings designed around a centrally landscaped courtyard, rising another seven floors.

The exterior is a combination of precast and poured-in-place ribbed formed concrete contrasted against smooth, poured-in-place horizontal bands of concrete. Deep set windows were punched into the facade to minimize heat gain by the interior spaces. Painter boxes filled with bougainvillea were incorporated at each nursing floor to bring color and landscaping to the upper levels as well as to soften the concrete exterior.

The planning and design effort was spearheaded by Rosalie Kasaba, senior vice president for Facility and Property Services. Under her guidance and direction, Architects Hawaii Ltd. worked very closely with more than 17

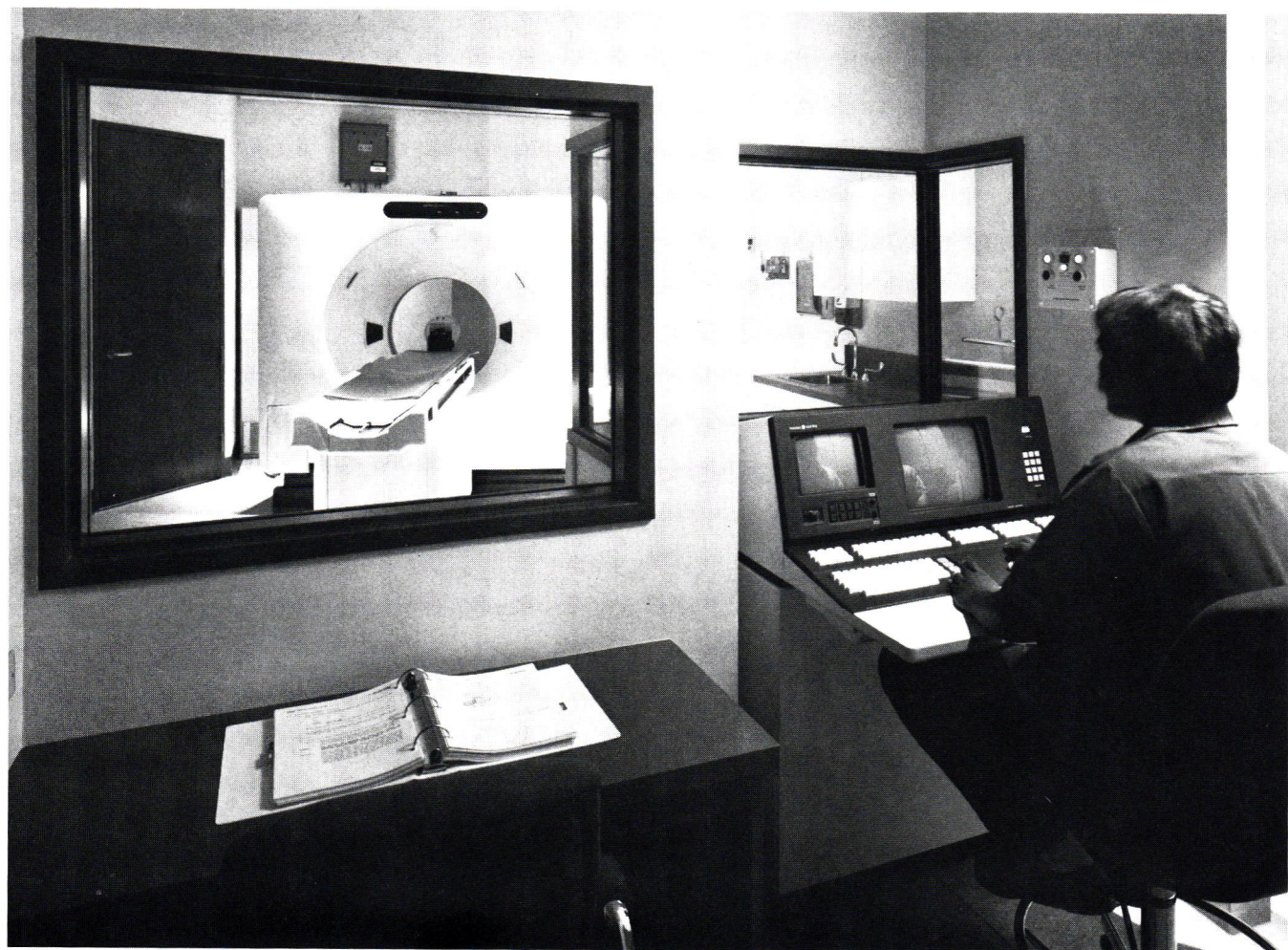
"One of the biggest challenges was to keep the medical center operational during construction."

Utility shut-down times had to be carefully scheduled and kept to a minimum to allow continuous service to inpatient care areas.

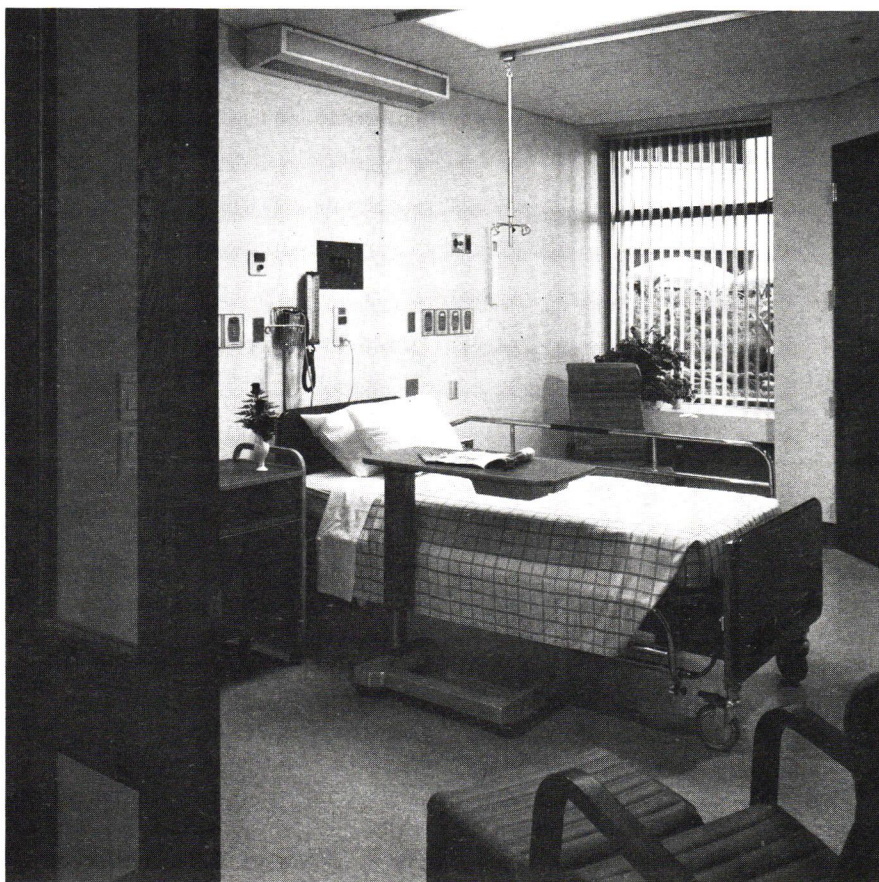
The new Queen Emma Tower addition, consisting of more than 445,000 gross square feet within 11 floors, included replacement of obsolete departmental functions. Floors ground through 10 were completed in 1985, which contained a state-of-the-art

roof of the new structure to accommodate patients brought to the medical center from remote areas. Renovation work followed in the areas vacated by departments and services relocated into the new building.

The constraints imposed by the site yielded a "stack-on-base" configuration. From the ground floor up to the third floor is a rectangular base of 150-ft. by



The Queen Emma Tower addition included a new Imaging Services Department. The addition was an opportunity to plan and design new CT (Computerized Tomography) Scan spaces. Photo by Augie Salbosa



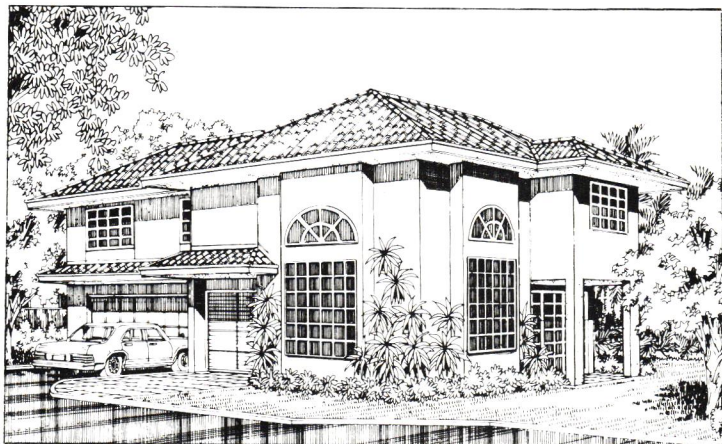
Patient rooms were carefully designed with convenience and comfort of patients, nurses, staff and visitors in mind. Photo by Augie Salbosa

specialty consultants and numerous departmental work groups to develop the plans and details of the major addition and renovation work.

Architects Hawaii Ltd. is continuing the work with Queen's to develop the long term growth of The Queen's Medical Center. All those involved in the planning and design process are acutely aware of the royal legacy of King Kamehameha IV and Queen Emma "to provide quality health care with aloha for Hawaii's people." **HA**

Walter H. Muraoka is principal-in-charge of projects at The Queen's Medical Center for Architects Hawaii Ltd. The firm has completed numerous health care projects in Hawaii and the Pacific Basin. Muraoka has more than 19 years of planning and design experience in health care architecture throughout the western United States.

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Pacific Focus

(continued from page 5)

And throughout history we have been among the major shapers of urban environments. I believe HS/AIA today is well positioned to provide leadership in determining, as well as visualizing, Hawaii's Pacific future. We already have examples of our impact:

- Last November the HS/AIA co-sponsored a program, participated in by a number of its members, that set forth visions for the development of Honolulu's waterfront for legislative consideration this year. To many, the effort represented a breakthrough not only in terms of the visions put forth, but the process that occurred which galvanized community interest and action. Invariably, this will set examples for other Pacific port cities.

- Many HS/AIA members (and their firms) are already at work in the Pacific, serving as architects, interacting with community/business leaders and acting as "ambassadors of the creative spirit."

- Our global reach is felt through government work contracted locally for military facilities located elsewhere in the Pacific.

- Our society's multi-ethnic cosmopolitan heritage sensitizes us to Pacific Basic cultures, where we have demonstrated immediate social-commercial rapport in our professional endeavors.

As we in HS/AIA continue to look into strategies for optimal restructuring and long-range planning for our profession and organization, let us also think big. And beyond this, let us actively avail ourselves, each in the way we feel most capable and comfortable, to helping produce the best possible Pacific focused future for Hawaii. **HA**

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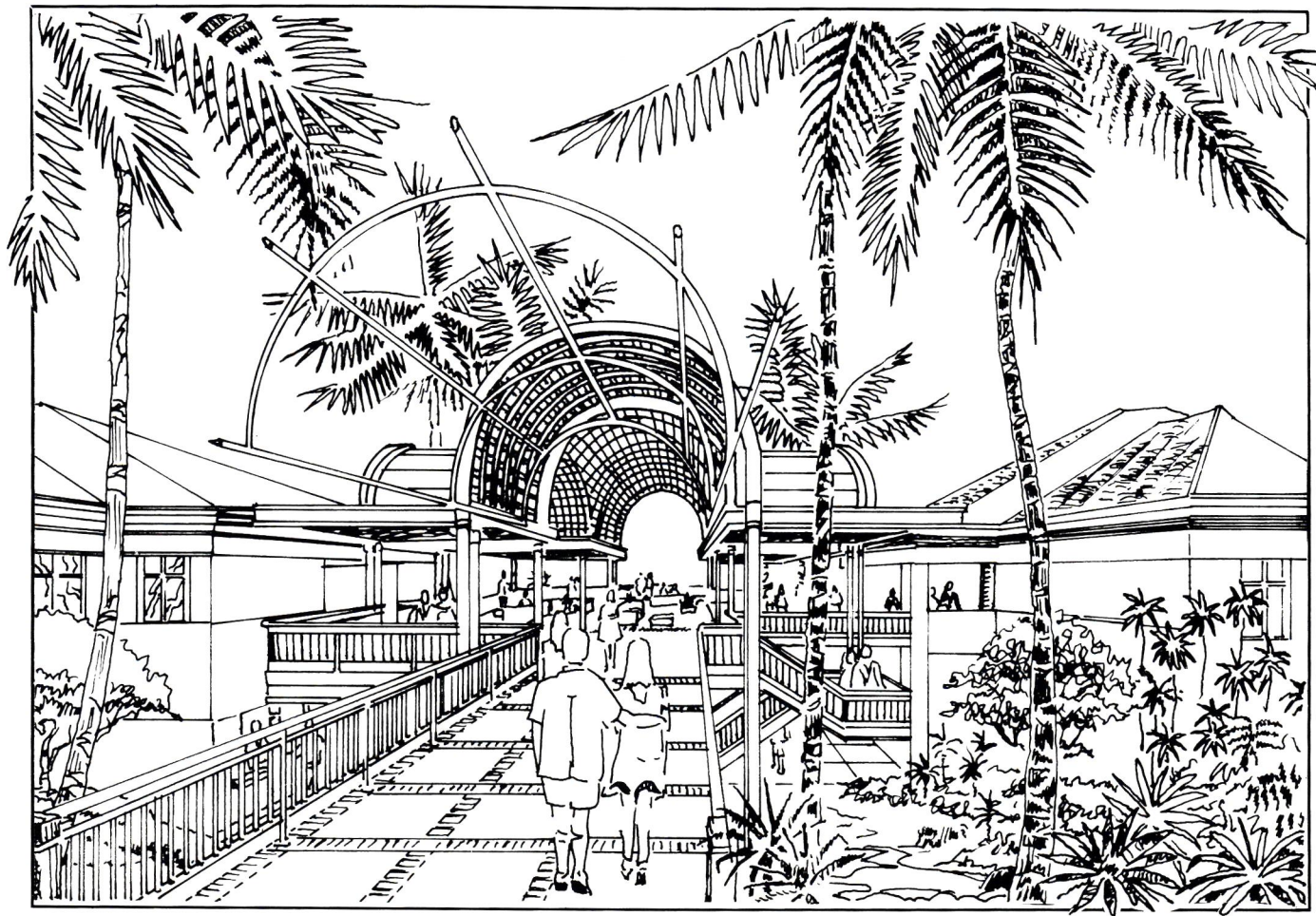
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The Hyatt Regency Coolum: Combining Health and Business

by Gregory M. B. Tong and George S. Berean, AIA

Several years ago our firm was approached by a group of Australians headed by Dr. John Tickell and management consultant Ray Dalgish, who were planning to develop a Queensland, Australia resort in which a health wellness center would play a major role. They had visited an impressive list of resort cum health wellness centers in the United States and wished to advance the state of the art as they had come to know it.

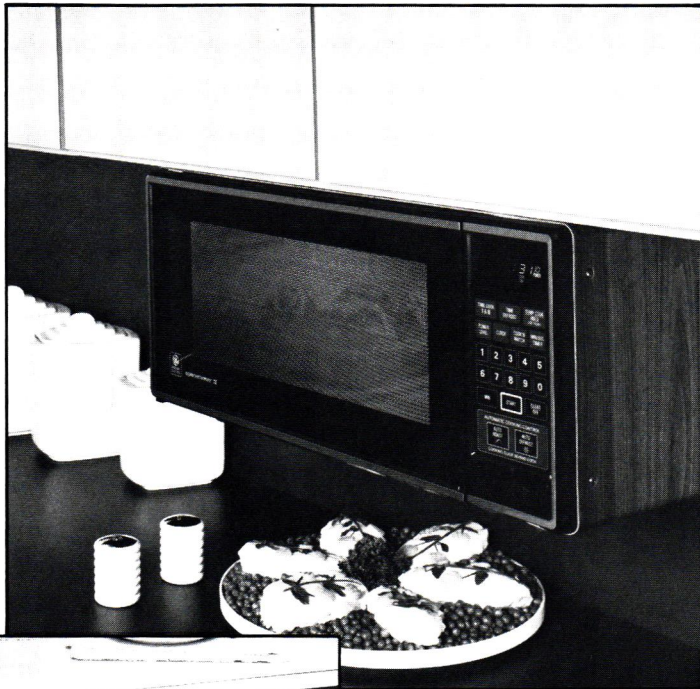
They came up with a concept which is now described as an *executive health management resort*. Probably the first of its kind anywhere, it will combine—on a single site—medical facilities, resort hotel and condominiums, and business management training facilities. All of the above are to be supported by integrated programs.

Scheduled to open in late 1988, the Hyatt Regency Coolum is the brainchild of Melbourne medico and health management

consultant Tickell, who, more than a decade ago, pioneered Australia's first corporate health management and stress evaluation clinics. Since then more than 400 Australian and U.S. companies have used his stress management services, and he has become something of a hit in boardrooms and on the international speaking circuit. Of Hyatt Regency Coolum he said, "... (It) is the perfect destination for recreation,

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"The magnificent oasis has the elements of five-star luxury, top class sporting and exercise facilities and the integral but magnetic attraction of health management and rejuvenation facilities, medically based, but

open minded.

"The implementation has not been easy, as it is the only place where an international hotelier, big business, the National Medical Association, and a university business management service have been brought together."

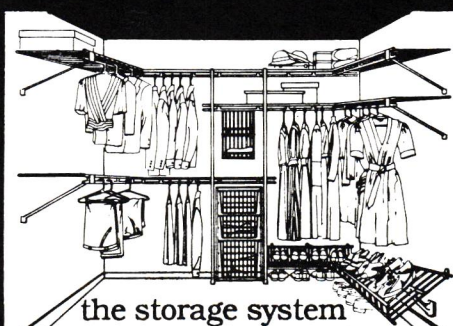
The site is in Queensland on Australia's East Coast—their Sunshine Coast—in the foothills of Mount Coolum. A village setting with one- and two-story buildings of Queensland-inspired architectural character set the theme for the resort, which is set on a 350-acre site featuring lush rainforest, coastal marsh and beach dunes. Major components of the resort comprise:

- A reception building in which the guest is introduced to the complex and has his/her transportation mode converted from automobile to foot power, pedal power or electric cart;
- 100 suites clustered in groups of 40 units around a pavilion designed for serving breakfast and cocktails;
- 150 two-bedroom condominium suites also clustered in groups around a pavilion;
- A village center featuring several food and beverage outlets and shops;
- A corporate management center with facilities for lectures, seminars, briefings, retreats;
- A commissary that functions as the back of the house and gives each food and beverage outlet autonomy; a unique feature of the commissary is that it will utilize containers for movement of supplies and waste, very much

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similar things, we believe this is truly the first of its kind and that, as a first, it will be a prototype, a forerunner of other projects of this kind.

We envision other developers—worldwide—coming to this project to study its design and

operation, to carefully monitor its success. **HA**

Greg Tong and George Berean are principals of Wimberly Whisenand Allison Tong & Goo Architects, Ltd., a 42-year-old architectural and planning firm with offices in Honolulu and Newport Beach, California.

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A Welcome Remedy in Health Care Design

Architects Hawaii Ltd. was honored last year by the Hawaii Society of the American Institute of Architects with a Design Award for its design of the Kaiser Permanente Honolulu Clinic.

The Kaiser Clinic is a six-story, \$24.5 million outpatient facility at Pensacola and King streets. The building has areas for all the medical specialties, laboratories, a complete emergency department and an operating room for same-day surgery, plus an adjoining

440-car parking garage.

"In designing the facility," said

"It demanded that we come up with an attractive and welcoming appearance."

Francis S. Haines, FAIA, principal-in-charge of the project, "we took into account the possibility of future expansion and paid

particular attention to minimizing energy consumption."

Haines also said that the prominent location was a challenge. "It demanded that we come up with an attractive and welcoming appearance. One way we accomplished this was to provide a major open space at the principal corner."

Charles Chan, AIA, project designer, said that Architects Hawaii studied the vehicular and pedestrian traffic patterns,

(continued on page 19)



The six-story clinic structure features an open plaza and glazed covered walkway. The parking structure is to the right side. Photo by David Franzen



Allied Builders helps usher in a new era at Makaha

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.

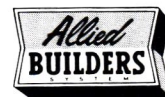
Allied Builders matched that plan with first-class execution: They produced a sound second story topped with new shake roofing, effected major structural changes, and processed dozens of client-requested change orders — while business as usual continued at the club. All this, and they finished on time.

Observed Kawabata: "Allied's people were sincere, cooperative, truly committed and totally capable. It was a complicated project that went extremely well."

Phil Urquhart
ABS project engineer

Takashi Niino
Director/GM — Nitto Hawaii Co., Ltd.
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Akira Kawabata
AIA



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Redwood boards used vertically have allowed this Kaneohe building to weather gracefully. Photo by Augie Salbosa

Versatility of Wood

A Building Material Like No Other

by George T. Johnson, AIA

How much wood would an architect use if an architect could use wood? This architect would use all that he could . . .

Wood has always been my favorite building material. It has the versatility of shaping and joining found with few other materials. The sheen and feel of well finished wood cannot be duplicated in plastics plus its aging and weathering qualities are distinctly unique.

Over the years wood has been replaced by more durable, maintenance-free materials. Even

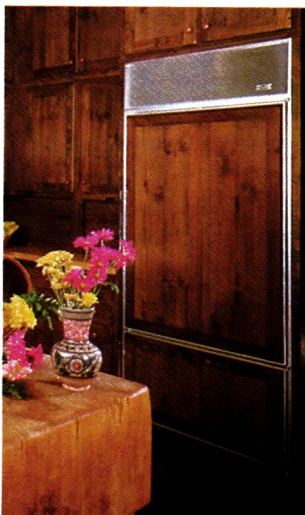
residential architecture, the traditional champion of wood use, has succumbed to the use of steel studs, aluminum windows, carpeted and vinyl floors and plastic cabinets. The warping, checking, shrinking and deterioration of wood exposed to the weather has limited its use as an exterior material while less expensive, more maintenance-free products are replacing the interior use of wood.

So what future does wood have? Will it serve to inspire nostalgic memories? Will it be used by a limited clientele who

appreciate and can afford it? Or will it be used in specialized ways by the general public? My hope is that we as architects will find ways to use wood that will make it appealing and desired by our clients.

I have received much inspiration from the past masters of wood, mainly the Japanese, Swiss and Scandinavians. To copy the intricate joinery found in Japanese temples would be too labor intensive today, but many of the basic principles can be applied. These are some I have

(continued)



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found to be important.

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Create interlocking joints — if dowels are needed, expose them.



This Haiku Plantation residence combines rough redwood and oiled oak cabinets.
Photo by Augie Salbosa

Radiusing and softening edges protects against chipping and adds to its beauty and feel. I use rough wood for its rugged look and contrast it with smooth highly finished hardwoods.

Woods of irregular grain patterns, color changes and imperfections have more appeal and personality than woods of uniform grain (or, certainly than ersatz wood products). I apply the Japanese saying that "in the imperfect, you shall find the beautiful" in my work with wood.

These are things that have worked for me. They are ways in which to give wood appeal and make it desirable.

I hope that the present trend of architecture toward nostalgia will stimulate greater use of this time honored material, but only with sensible and sensitive use by architects will its future be assured. HA

George Johnson is principal of the firm Johnson Tsushima Luersen Lowrey inc.



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Design

(continued from page 14)

considered the demographics of the Kaiser Health Plan members who would use the clinic and took into account the budgetary limits.

Arthur Kimbal Thompson & Associates, interior designers, provided an interior environment both functional and aesthetically pleasing. Kim Thompson, AIA, said his firm "studied the history and reality of the immediate surroundings."

"The result evokes historic as well as modern Honolulu while working compatibly with the structure and geometry of the building," he added.

Haines said, "Given the current competition for providing medical services, a building of this type could give an organization like Kaiser the marketing edge."

This latest award is one of more than 20 received by Architects Hawaii from national and local organizations.

AIA Offers Medical Design Publication

The American Institute of Architects Committee on Architecture for Health is developing the *1988 Health Facilities Review*, the second in a series of publications on the design of health care facilities, including hospitals, long-term care facilities, radiology services, surgi-centers, mental/chemical dependency facilities and other health-related facilities.

Registered architects are invited to submit projects representing state of the art in health care facility design. Entry forms are due at AIA headquarters March 15.

For details contact Mike Cohn, AIA professional services center at (202) 626-7366.

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Kaiser Permanente Honolulu Clinic



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"The exterior presents a lovely and interesting building articulation that avoids an institutional or foreboding hospital or medical clinic appearance."

"Its energy conscious design, the reduction of exterior mass by fracturing the building facades, and particularly its exceptional integration of art and building mark this entry for a design award."

"The interior design was very satisfying."

"Special acknowledgment also needs to be made regarding the exceptional display and integration of the contemporary art."

"The unique application of neon lighting to identify the various departments was a refreshing concept."

"Creating a health care clinic that is happy and non-threatening is a welcome remedy (no pun intended)."

1987 DESIGN AWARDS

Architects Hawaii, Ltd., Architects

Arthur Kimbal Thompson and Associates, Ltd., Interior Designer



*(Above): Helen Gilbert and Ken Bushnell's wall sculptures integrate with architectural interior elements in the third and fifth floor waiting lobbies.
(Below): Neon signage in the main lobby directs patients to individual clinic areas.*



CREDITS

ARCHITECT:

Architects Hawaii, Ltd.
Francis S. Haines, FAIA,
Principal-in-Charge
Larry Ueki, AIA, Project Architect
Charles Chan, AIA, Project Designer

CLIENT:

Kaiser Foundation Health Plan, Inc.

INTERIOR DESIGNER:

Arthur Kimbal Thompson
& Associates, Ltd.
A. Kimbal Thompson, AIA,
Principal-in-Charge
Carole A. Miglorie, Interior Designer

CONTRACTOR:

Nordic Construction Company

GRAPHIC DESIGNER:

Clarence Lee Design, Inc.

ENERGY CONSULTANT:

TRB Hawaii

CIVIL ENGINEER:

R.M. Towill Corporation

STRUCTURAL ENGINEER:

SSFME Engineers, Inc.

MECHANICAL ENGINEER:

Benjamin S. Notkin & Associates

ELECTRICAL ENGINEER:

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PHOTOGRAPHERS:

David Franzen
Augie Salbosa

PROJECT DESCRIPTION

The Kaiser Permanente Honolulu Clinic offers complete medical outpatient services, in pleasant, comfortable surroundings.

Architects, Architecture and Building Codes

by Andrew Charles Yanoviak, AIA, CSI

The American Institute of Architects national Building Performance and Regulations Committee recently held an educational conference in Boston entitled "Better Codes = Better Buildings." I was privileged to represent Hawaii at this conclave, which included architects, engineers and code consultants from all regions of the United States.

The primary purpose of this conference was to both heighten and deepen the involvement of architects in the formulation and development of building and zoning codes. This particular conference was an extension of two previous conferences that I had an opportunity to attend. The first was sponsored by The American Institute of Architects Foundation and was entitled "Research and Design 85: Architectural Applications of Design and Technology Research" which met in Los Angeles.

The second was the International Conference of Building Officials (ICBO) "64th Annual Education and Code Development Conference" in Minneapolis, where I presented a proposed code revision to the Uniform Building Code before the general assembly.

Those of us involved in the profession of architecture for some time have heard the moans and groans of creative design architects who have tried to do something innovative and extraordinary, only to discover that the building codes served as a major deterrent to their fertile



A view of Copley Place, a mixed-use complex in Boston, with John Hancock tower in the background.

imaginations. The common response by most plan examiners and building code administrators is to challenge architects and engineers to become more involved in code development and building design regulations prior to their adoption and publication as law.

This was the primary thrust of the inspirational talk delivered at the AIA conference in Los Angeles by John Behrens, P.E., past president of ICBO and Chairman of the Board for the Coordination of Model Codes.

There are four operative model building codes in use in the United States. Hawaii and many of the Western states use the UBC published by ICBO as a model code, while many of the Southern states use the Standard

Building Code published by the Southern Building Code Congress International.

On the East Coast, the Basic/National Building Code published by Building Officials and Code Administrators (BOCA) International is predominantly used; and of course, architects designing hospitals and military and government installations are quite familiar with the Life Safety Code published by the National Fire Protection Association.

All of these model building codes have as their primary purpose and mission the preservation of public safety, health and welfare.

Just recently, BOCA decided to permit architects and engineers who are professional members of their organizations an

opportunity to vote on code change proposals. However, the other model code organizations do not offer this decisive option to design professionals, because they intentionally limit their voting powers strictly to building code officials (building department directors). Nevertheless, architects and engineers can professionally serve on code development committees and subcommittees such as Fire and Life Safety, General Building Design, etc., which can strongly influence the outcome of the votes at the general assembly where the final decisions are made.

Too few architects and engineers take the time to become involved constructively in code development as a part of their overall professional design work. As many members of the national AIA Building Performance and Regulations (BP&R) Committee have found in many jurisdictions of the United States, their creative input to code development and formulation is very much welcomed.

BP&R members have made several presentations on behalf of the AIA at code development general assembly and committee sessions. Such involvement affords an opportunity to work directly with fire protection engineers, firefighting and building officials, material and building systems manufacturers representatives, code consultants, etc.

At the AIA Boston conference, the BP&R Committee presented two case studies. Both were highly complex mixed-use occupancies constructed in densely urbanized portions of Boston. Attendants were encouraged to visit the sites before and after the conference.

The first presentation consisted of a totally new project designed by The Architects Collaborative and Stubbins Associates called "Copley Place." It was built over



The interior of the commercial space at Copley Place connects to a pedestrian bridge.

operating railroad tracks and a major Massachusetts Turnpike highway interchange. It is adjacent to the John Hancock highrise tower designed by Ieoh Ming Pei, FAIA and the Trinity Church designed by H.H. Richardson. After occupancy, there was an automobile accident on the highway under the building complex involving fire, smoke and toxic fumes, which required minor design modifications.

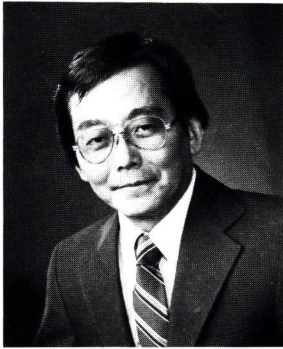
Copley Place contains about 3.7 million square feet at a cost of approximately three quarters of a billion dollars. The complex includes two highrise hotels, four midrise office buildings and more than 100 residential units, joined together in one huge megastructure with two levels of commercial shops above street level covering a 9.5 acre site. According to TAC estimates, during peak occupant loadings, the complex is designed to accommodate an under-roof

population of about 25,000 persons. Therefore, issues of public safety and human circulation as well as smoke control systems were paramount.

An architecturally dramatic central atrium space was pressurized and all of the interior spaces were outfitted with sprinklers as well, which is admittedly a "belt and suspenders" solution; however, no one was willing to take the responsibility for fire suppression system failures.

The focal sculpture and fountain at the base of the atrium is functional as well as a work of art, in that it admits fresh air intake and water into the space.

The coordination of egress routes and integration of smoke control systems presented many design challenges for the architects and engineers involved with the complex. There were multiple teams of design professionals and code consultants working



Gene Fujioka
Vice President

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simultaneously on the complex and their orchestration was an administrative nightmare. An essential and key element of the complex design, once occupied, was the combination of the Fire Command Center and the Building Engineers Control Room.

The second case study presentation by BP&R consisted of an adaptive reuse rehabilitation project, which involved major design and construction renovations to an existing 40-year-old government warehouse complex.

The project contained about 1.25 million square feet equivalent to the John Hancock tower and its parking garage in bulk space; however, it was a midrise development on 130 acres of land in the old Charlestown Navy Yard in the historical "Bunker Hill" area of Boston. The project was designed by the architectural and engineering firm of Huygens, DiMella, Shaffer & Associates of Boston with Herbert Eisenberg, AIA as code consultant.

The organizational format of the conference was very well conceived, planned and executed. After each case study presentation by the design professionals, separate moderators juggled input from the panelists as well as a group of respondents from various code administration and professional design organizations.

In addition, the conference was well structured, in that there was ample time for questions and comments from the attendants. It was definitely well attended, a very good indication of an increased awareness and interest in the importance of building, fire and zoning codes, and the essential role they play in creative building design and environments that we can safely call "architecture." **HA**


Andrew Charles Yanoviak is chairman of the HS/AIA Codes Committee and corresponding member of the AIA National Building Performance and Regulations Committee.



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In addition to SMART HOUSE, exhibitors from local industry leaders will be displaying the latest in roofing, window, kitchen, bathroom, closet, lighting and flooring materials, along with other types of building supplies and equipment. Representatives from financial institutions and other services will also be available to answer questions. Drawings will be held for EXPO BUCKS, which may be used as credit toward purchases of products or services from participating exhibitors.

EXPO 88 will run Wednesday, March 9 from 4 to 8 p.m. and Thursday, March 10 from 11 a.m. to 8 p.m. BIA and GECC will be hosting a cocktail party for attendees from 4 to 8 p.m. on both days, and many exhibitors will be offering complimentary pupus.

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(More information on SMART HOUSE may be found on page 35.)



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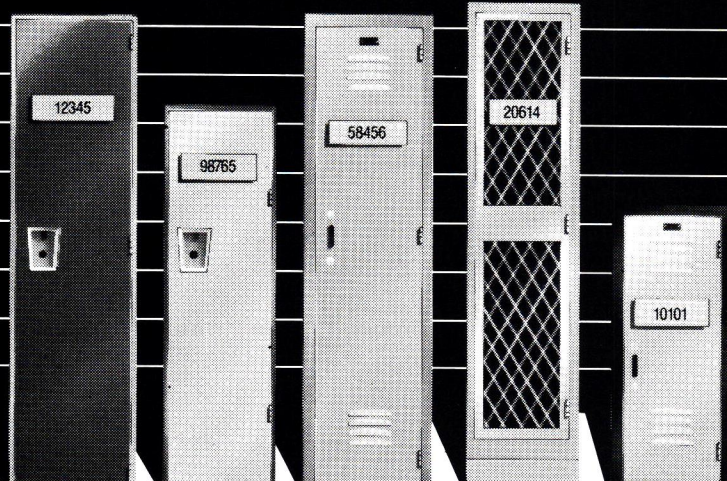
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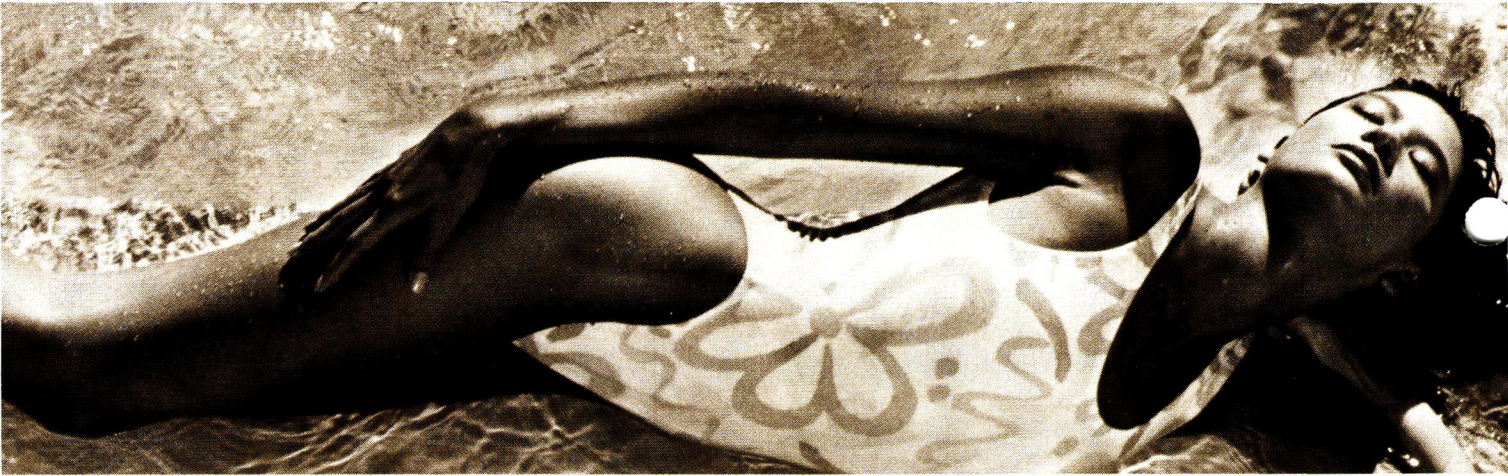
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A Facelift for Dole's Pineapple Cannery

by Michelle Cometa

What began as a drab, can-filled warehouse now has the potential to become an exciting and colorful tourist attraction in the heart of Honolulu's industrial district as Castle & Cooke recently held its grand opening of the newly renovated Dole Cannery Square.

Located at the company's headquarters at Iwilei, the \$3.3 million cannery renovation began in the fall, 1986. Dole Cannery Square was designed as part of the overall improvements to the 60-year-old facility and to provide a renewed interest in and improve the cannery tour, said Charles "Ty" Sutton, president of Sutton Candia Partners and architect in charge of the project.

"This was originally a big, concrete shell with a lot of vacant space and no strong characteristics," he said.

Sutton removed the center portion of the second floor of the two-story warehouse to make way for a sky-lit atrium "as the focal point of the Square," he said.

Cannery Square opens onto 25,000 square feet of space on the ground floor with two 60-seat, multi-image theatres, a Dole Logo shop, historical exhibits, and photos of the company and its founder, James Dole.

Rainbow-colored banners line the ground floor, which includes a food court complete with salad, sandwich, sorbet and fruit juice stations. Tables and chairs are set up cafe-style in the center of the atrium.

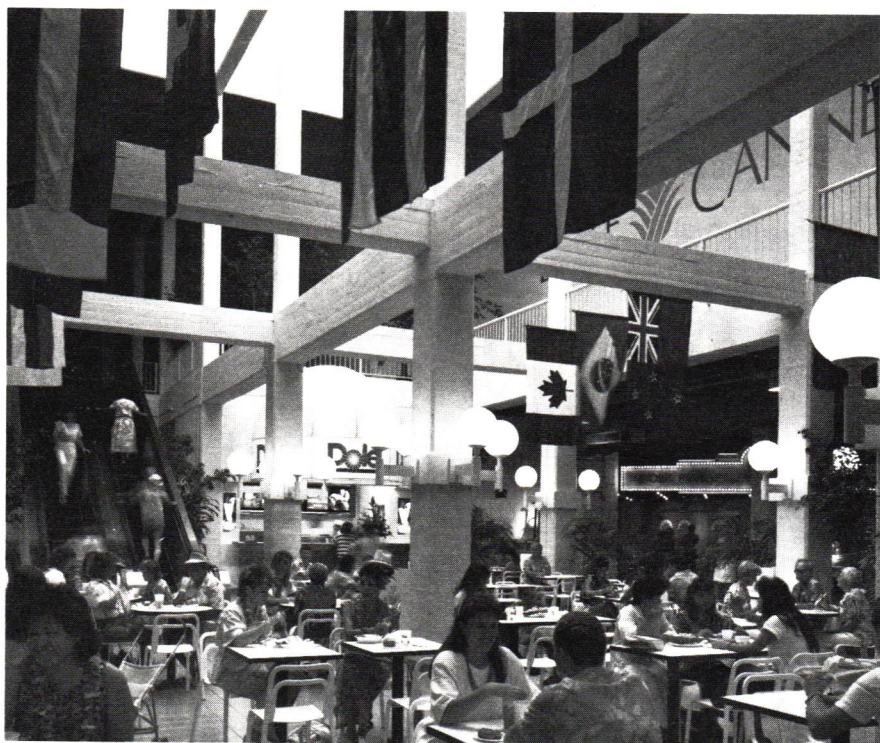
The original design of the framed, stone archways of the exterior was maintained. Sutton added granite tiles to the entryway and a large, shaded arcade for tourist groups to gather under before and after tours. The second floor of the

cannery is currently under development for future leasing to Hawaii-based retail stores, he said.

Castle & Cooke has spent more than \$21 million in renovations and restorations including the cannery facilities and Square, the relocation of the company's corporate offices to the Iwilei plant and the reconstruction of

the Dole Pineapple Pavilion in Wahiawa.

Castle & Cooke officials said they hope to attract a larger portion of the visitor market by offering a modernized, multi-media cannery tour. The tour is also a means to inform local residents of the role the pineapple industry has played in Hawaii's growth. **HA**



The ground floor of the new Dole Cannery Square features a flag-lined atrium under which guests can relax and enjoy a variety of snacks.



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Architect Offers Help to Flood Victims

by Jamie Kemp

A local architect has offered his services free of charge to victims of the New Year's flood that devastated numerous homes in East Oahu.

Wayson Chong, AIA, said he received "tremendous response" after he posted two advertisements in local newspapers offering free architectural services to flood victims. As of presstime, he had received nearly 50 calls on a special hotline number and had developed a consortium of draftsmen, technicians and engineers to assist families whose homes were damaged.

Chong's plan of action includes:

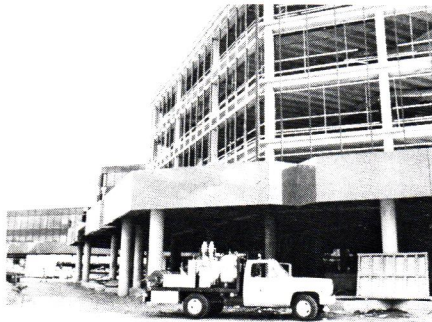
- Developing plans and specifications of existing dwellings that were damaged;
- Providing preliminary design plans for new construction; and
- Acting as a liaison between flood victims and potential contractors who are willing to provide at-cost services to those victims.

Chong said more architects should become involved in helping their fellow Hawaii residents get back on their feet after the disaster. Most of the victims do not have insurance against flooding, he said.

"We, as architects, can provide services to these people," he said.

Norman Hong, HS/AIA president, said Hawaii Society members are looking into the possibility of forming a task force to determine how to best use federal and state disaster relief funds to serve the flood victims. As of presstime, Society members were "standing by" to await the release of those funds, he said.

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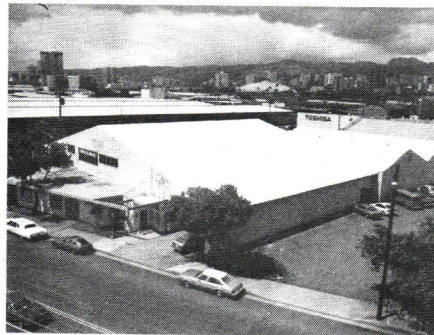
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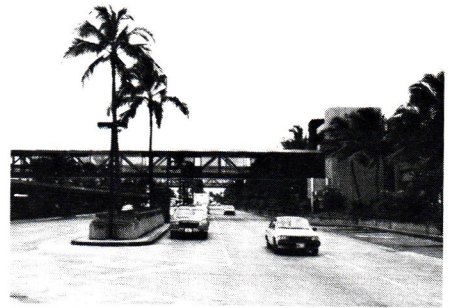
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world's greatest architectural achievements not as isolated objects or events, but as integral parts of the historical, cultural and physical contexts which produced them. Comprehension of both architecture and western civilization will increase profoundly as students apply all their senses to see, hear, smell, taste and touch the magnificent spaces of the past and present.

Visits will be made to between 80 and 90 significant sites which have been carefully selected to create a rich mixture of ancient and contemporary examples. Cities on the itinerary include London, Paris, Chartres, Blois, Lyon, Nice, Ronchamp, Pisa, Siena, Rome, Assisi, Florence, Ravenna, Venice, Innsbruck, Munich, Stuttgart, Cologne, Moenchengladbach, Zurich, Lucerne, Basel and Amsterdam.

Instructor will be Leighton Liu, an associate professor in the School of Architecture. He is an enthusiastic and experienced world traveller who has previously directed two highly successful study abroad programs in Europe.

This 29-day tour offers four credits in Architecture 369 and seven days of free time. Cost will be approximately \$2,886 plus \$19.95 tax. University tuition is \$180 for residents, \$620 for non-residents. Tour cost is subject to change at any time prior to the final payment deadline of April 1.

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Sincerely,

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Ralph A. Ferguson, Jr.,
President

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Maui AIA Officers Named

An exclusive performance of *Arsenic and Old Lace* by the Maui Community Theater group topped the recent installation reception for the 1988 officers of the Maui Section HS/AIA.

Officers include President Steven H. Heller, AIA, Maui Architectural Group, Inc.; President-Elect Stanley S. Gima, AIA, Gima, Yoshimori & Associates, AIA, Inc.; Secretary Richard A. Ryniak, AIA, Riecke, Sunnland, Kono, Architects, Ltd.; and Treasurer Gregory Bayless, AIA, Gima, Yoshimori & Associates, AIA, Inc.

Lumber Industry Club Honored

The Honolulu Hoo-Hoo Club #142, an organization of the lumber industry, has received the two highest awards worldwide for the best promotion of wood and best use of local media in the promotion of Hoo-Hoo.

"... the two highest awards worldwide for the best promotion of wood ..."

The Honolulu Chapter of 35 members was recognized for their top five promotional campaigns promoting wood. These programs included the Building Industry Association of Hawaii Parade of Homes participation, a 1987 woodworking seminar, high school industrial arts show, the "Wonderful World of Wood" exhibit at the BIA EXPO '87 and the 1987 Hawaii Lumber and Wood Products Guide.

The programs were presented by local member Lee Haskin to judges from Australia, New Zealand, Canada and the U.S. Awards were presented to local officers Clyde Kunieda and Don Stiger.

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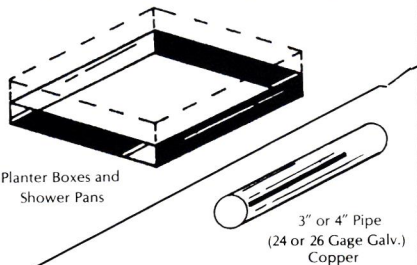
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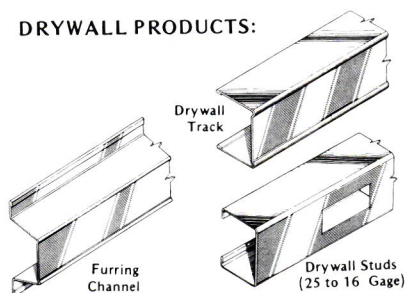
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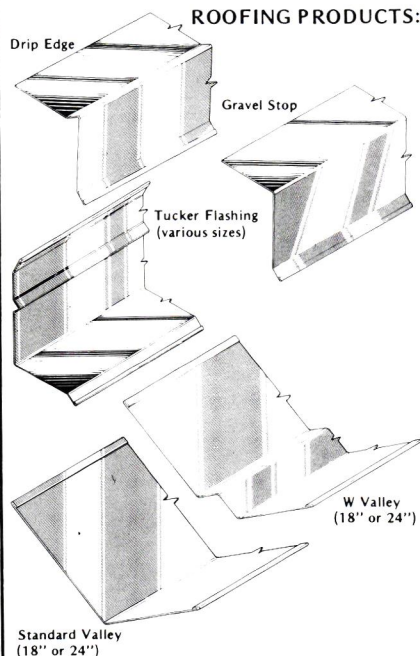
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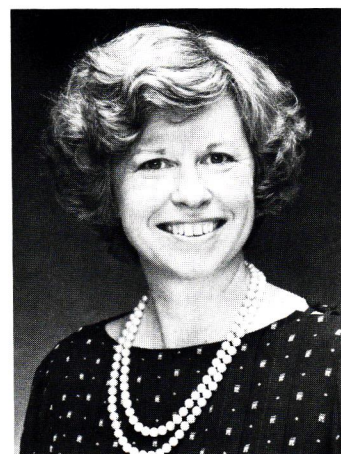
Posedly Joins CJS Group

Penny Hamilton Posedly, AIA, has joined The CJS Group Architects, Ltd. as director of production. She was formerly partner-in-charge of marketing and production at Posedly Lugo Architects Inc. in Tucson, Arizona.

Posedly received her Bachelor of Architecture degree from the University of Arizona in 1966, returning as a faculty member to lecture on environmental control systems in the 1970's and to teach third year design students in the 1980's.

In 1982, Posedly represented the USA in the People's Republic of China where she participated in the People-to-People Citizen Ambassador Program as part of an architecture and planning lecture tour. In China she spoke on "American Housing: Change from Single Family to Mass Housing While Maintaining Custom."

At the national AIA level from



Penny Hamilton Posedly

1985 to 1987, Posedly worked on the Women in Architecture Committee, spearheading the development of a traveling exhibit (to open in New York City in 1988) celebrating 100 years since the first woman joined the AIA. She also set up the National Liaison Network to encourage integration of women into the profession.

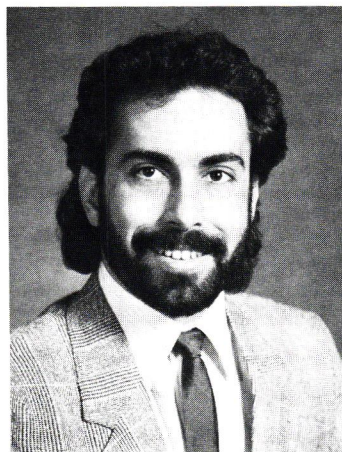
Seguirant Promoted at Sutton Candia

Patrick B. Seguirant was recently promoted to the position of Associate and

manager of CADD systems in the firm of Sutton Candia Partners, Architects and Planners.

A graduate of St. Joseph High School in Hilo, he joined SCP as a draftsman in 1982 while attending the University of Hawaii. He graduated in 1984 with a Bachelor of Architecture and worked his way up the ranks to senior draftsman and job captain while working independently on the technical and academic aspects of architecture.

Seguirant is an Associate Member of the American Institute of Architects and the Hawaii Society/American Institute of Architects.



Patrick B. Seguirant

SMART HOUSE Featured at EXPO '88

A working model of one of the most exciting new concepts in home building this century — the SMART HOUSE — will be displayed in Honolulu at the Building Materials Exposition set for March 9-10 at the Neal Blaisdell Exhibition Hall.

The basic component of the SMART HOUSE is the wiring, a unified cable that will provide power distribution, control/data signal distribution and audio/video/telephone signal distribution. The unified cable would replace the spaghetti-like system of wires now being strung throughout a house.

Security, safety, energy management and convenience are primary features of this revolutionary cable designed to make homes "smart." It represents the coming revolution in housing which will enable home devices and appliances, containing semiconductors, to communicate with the wiring network, each other and the outside world.

Several attributes of the SMART HOUSE system, which is expected to be available in the 1990s, include compatibility among all appropriate components available from a variety of manufacturers; substantial reduction of electrical shock and fire hazards; expanded communication, automation, home security and personal health applications; less costly metering and monitoring of electric power and water utilities; a backup system in the event of power failure; increased potential for improving functionality without plumbing or wiring system constraints; and a comprehensive combination of benefits to the homeowner and extraordinary flexibility of control.

MAP Elastomeric Quiz

Q: What's elastomeric? Isn't that just a 1980's new word for flexible?

A: That's correct. Most paint flexes a little, but THOROLASTIC® elastomeric acrylic coating stretches more than **150 percent** after nearly four years of weathering.

Q: Is that good? You know some coatings stretch even more.

A: That's **more than enough** elasticity to permanently seal hairline cracks and crevices in walls of concrete, concrete block, stucco and plaster. Too much stretch can mean a coating is soft and not damage-resistant. Of course, too hard a finish may crack and let water in after a few years.

Q: THOROLASTIC® sounds great. But how do you know it will stand up to our climate? We have a very high UV and a lot of rain.

A: Thoro System Products is a conservative company that's been around 75 years. They tested in the **tropics first** before offering the product in America. Now there are thousands of major installations — like this resort in Orlando — and dozens of jobs we can point to in Hawaii and Guam. There's a **5-year limited warranty** on labor and material available. Just ask.



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Newcomers Welcomed to the Hawaii Society/AIA

Armando Arenibas Sanchez of Upham International Corporation has joined the membership of the Hawaii Society/AIA.

Sanchez received his education at the Pratt Institute, Brooklyn, New York. He is married to Guiti Vakili Sanchez and enjoys music,

tennis, art, books and travel.

Keith M. Tanaka, employed by Simmel Architect, Ltd., has joined HS/AIA as an associate member.

Tanaka is a 1987 graduate of the University of Hawaii with a Bachelor of Architecture. He also attended the University of Oregon on an exchange program.

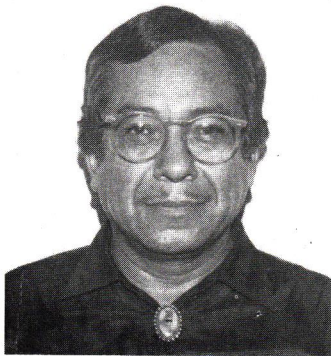
His hobbies include skiing and traveling.

Two employees of Geoffrey Paterson & Associates, Inc. have become associate members of HS/AIA.

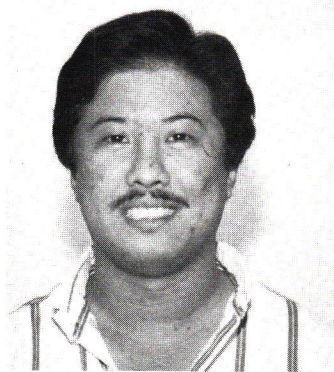
Jennifer Kruse received her bachelor's degree in Architecture from the University of Hawaii. Her hobbies include swimming, drawing, fashion design and arts and crafts.

Brian F. Funai, also a UH bachelor graduate in Architecture, enjoys drawing and outdoor sports such as fishing, skin diving and hiking.

New AIA member **Richard Mano Myers** is employed by Wimberly Whisenand Allison Tong & Goo. He received a Bachelor of Architecture from Washington State University.



Armando Arenibas Sanchez



Keith M. Tanaka

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—InfoWorld, September 29, 1986



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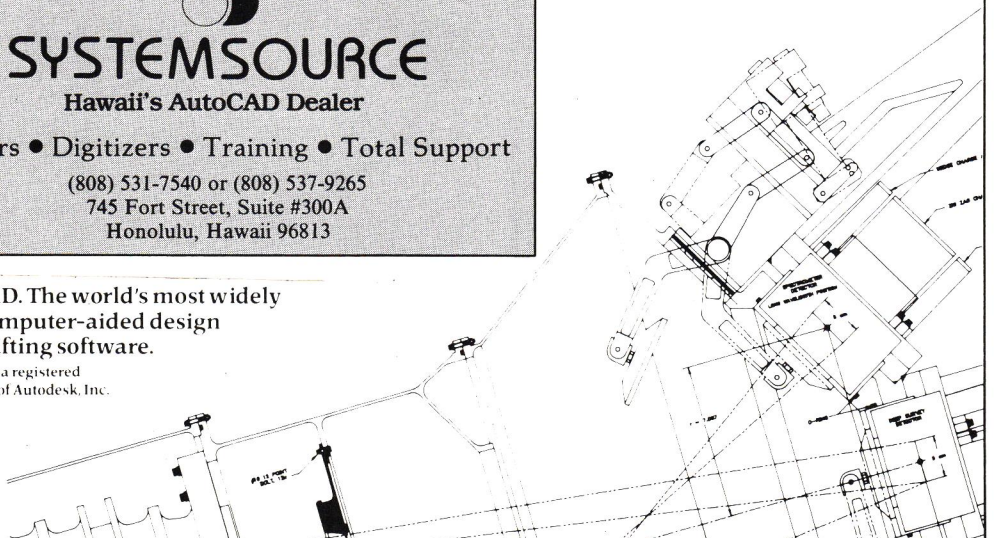
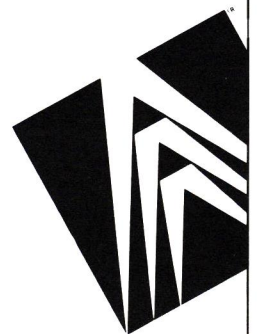
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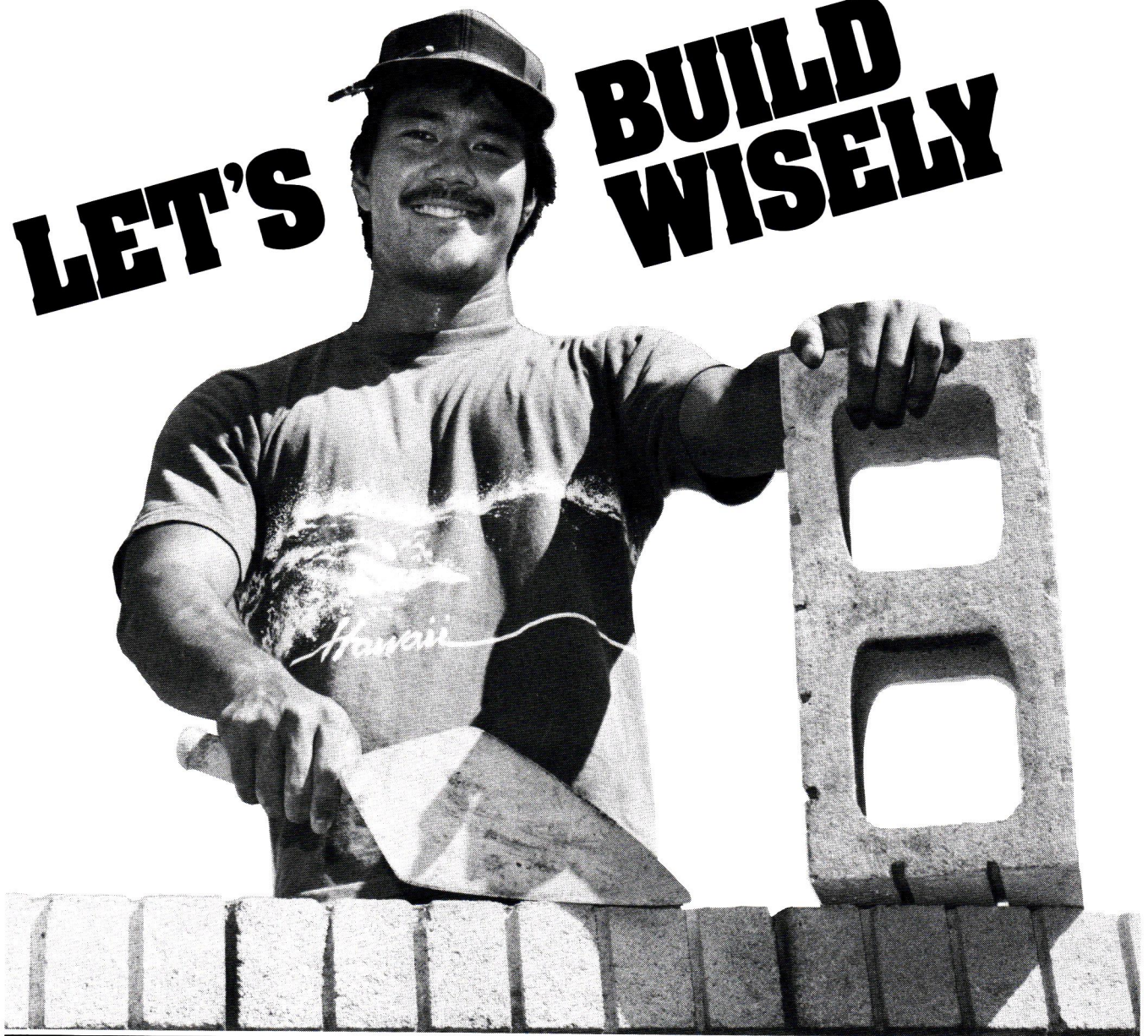
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United Coatings' **Rhino Top** is

an acrylic epoxy vinyl polymer emulsion coating. The unique combination of these polymers provides a durable color topping for asphalt and concrete surfaces. A non-skid system can be

achieved by adding spherical crystals to Rhino Top.

Brewer Chemical offers Anvil-Top[®] and Rhino Top coatings, as well as an assortment of floor toppings for all types of uses.

ApplePly, Profile Cut Carpentry Time

ApplePly is a hardwood cored plywood usually sold in half-inch thickness and used for drawer siding. Made of alder, maple or birch, ApplePly has a light-colored finish. The machined edges are attractive and require no banding.

The **Profile** line of low pressure laminates now offers a veneer core, which resists the swelling sometimes found in particle board

cores in high humidity areas. Pre-laminated panels cut the time and expense of cabinet makers and represent a leap in technology.

The Profile line is highly resilient and its finish will not crack. Made from the same base papers as most high pressure laminates, Profile offers attractive colors and patterns.

Both products are available at Sanders Trading Company.

ThermaSol Tub Full of Jets

ThermaSol is the brand name of a well established tub manufacturer with 28 years of experience. Every ThermaSol whirlpool tub is made of solid acrylic surface and is preassembled and factory tested.

ThermaSol's new models (three styles and 19 models) offer you six or eight jet stream outlets with vertical mounted 100 percent self draining, whisper-quiet pumps. Each tub has a 22" depth with sizes ranging from 5' x 31" to 7' x 66".

Presently existing tubs are being replaced by ThermaSol whirlpool tubs in guest rooms on two floors at the Ala Moana Americana Hotel in the hotel's upgrading program.

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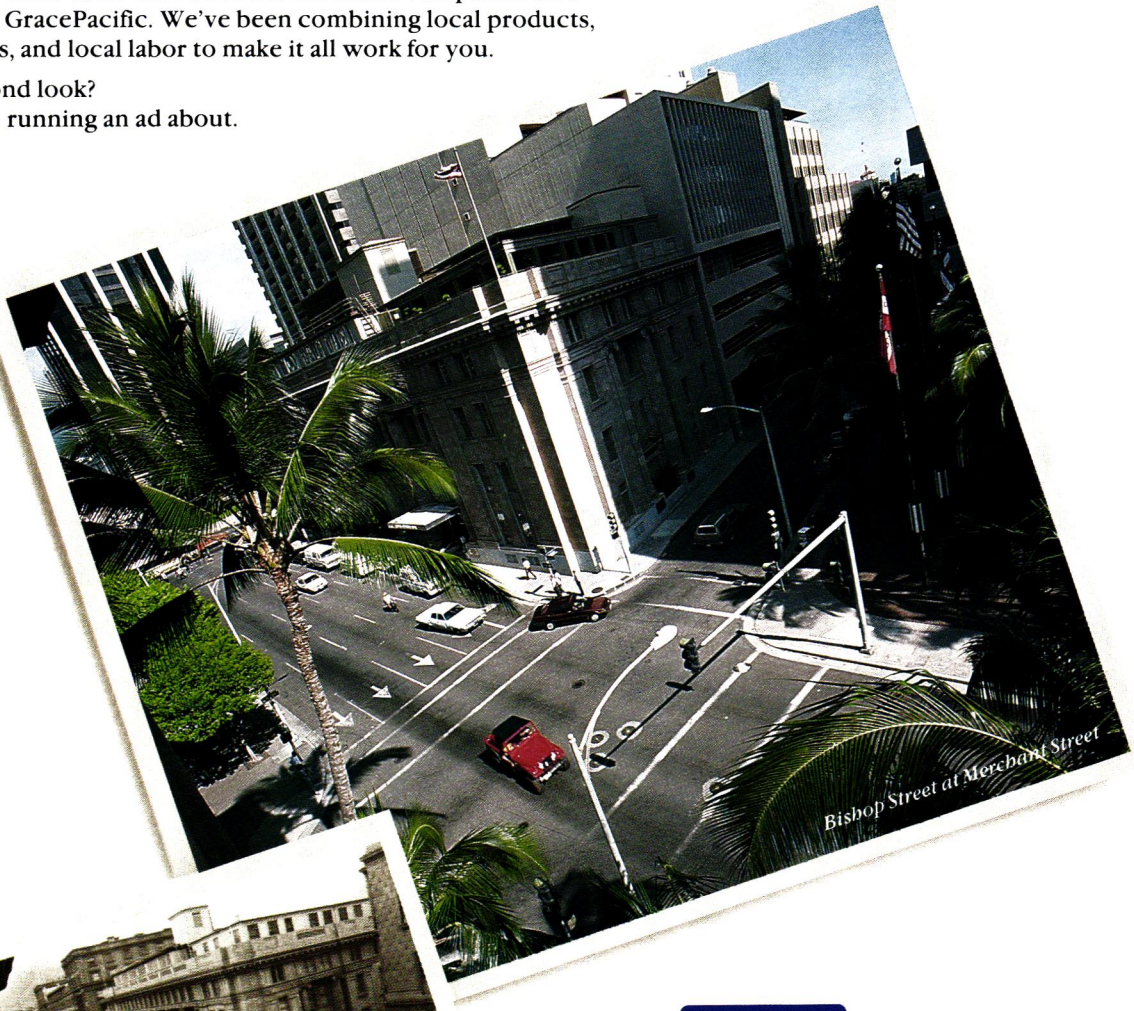
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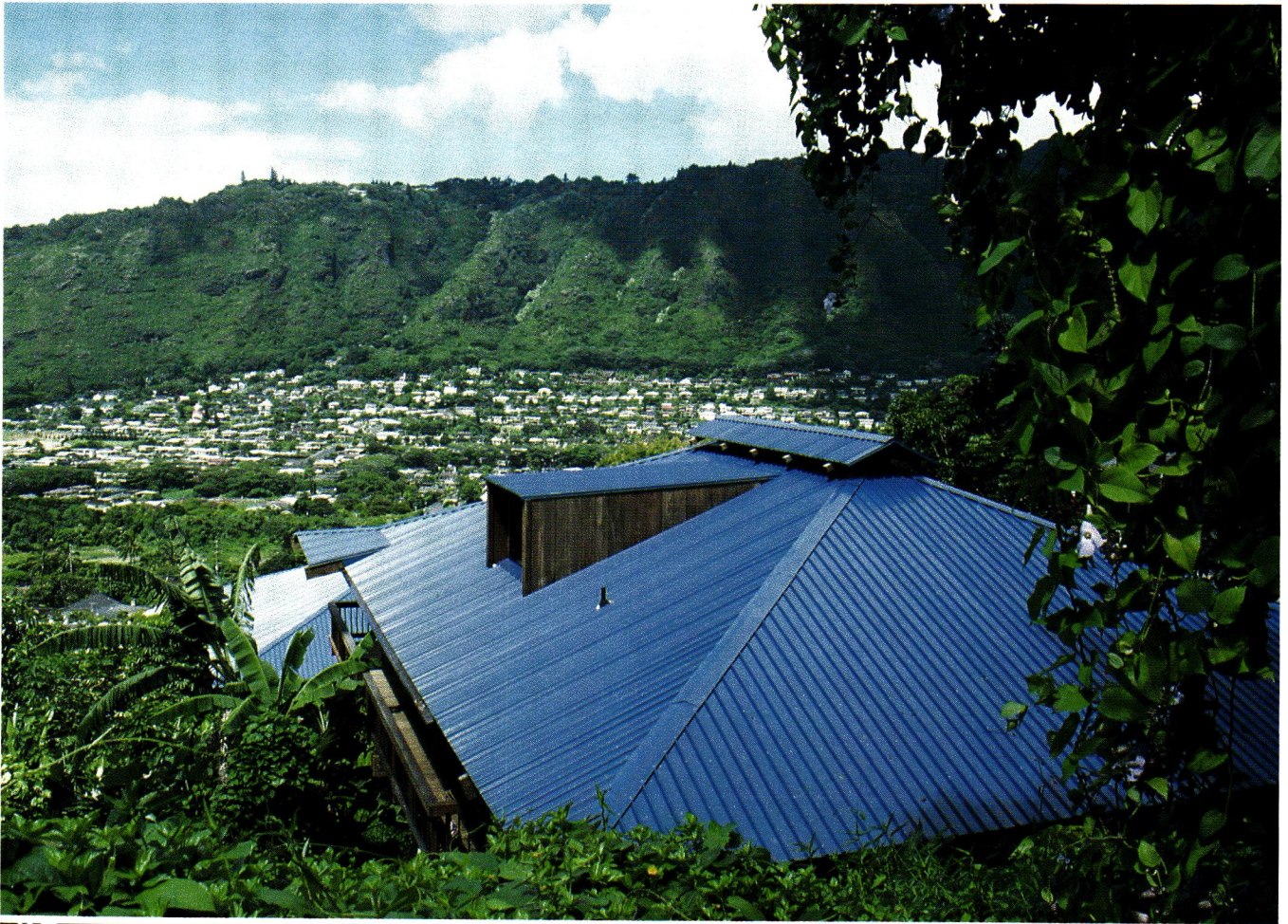
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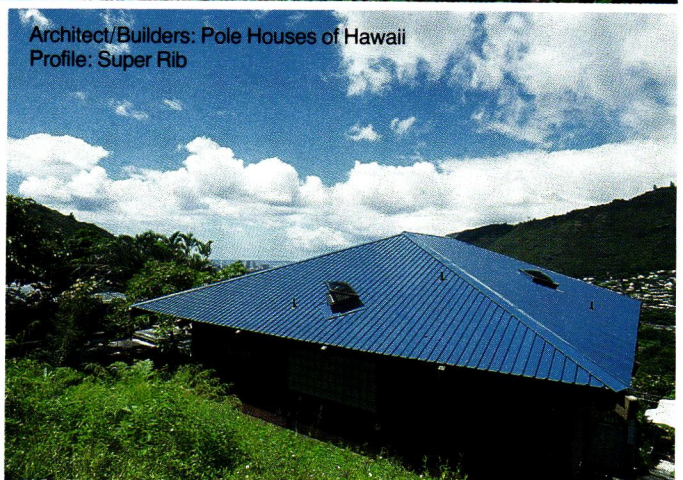
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