

HAWAII ARCHITECT

January 1988

Architecture in Government
HS/AIA Organizational Chart

HAWAII ARCHITECT
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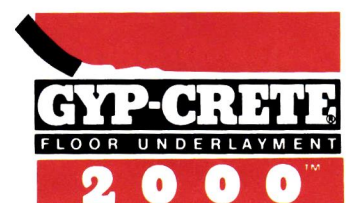
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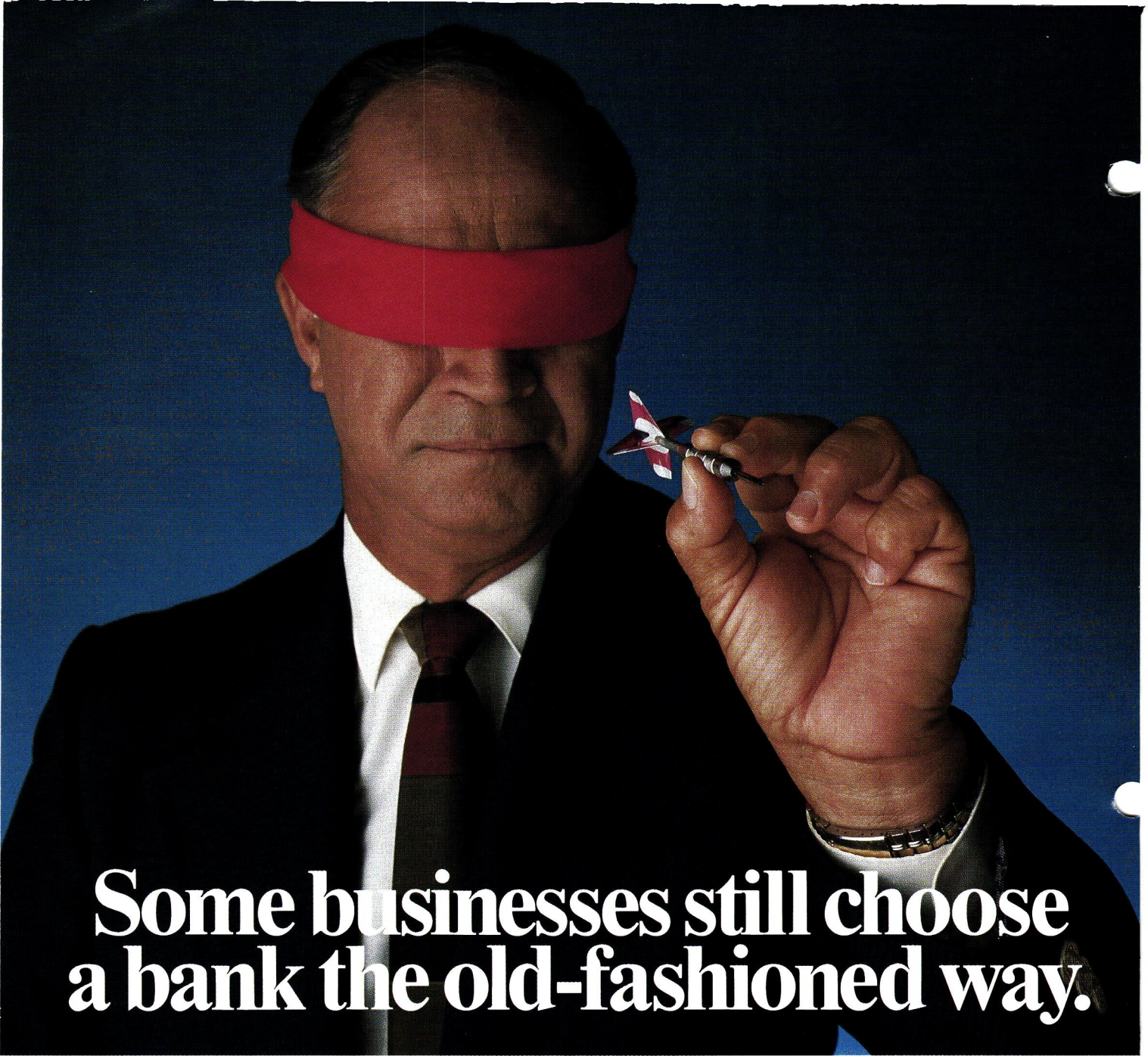
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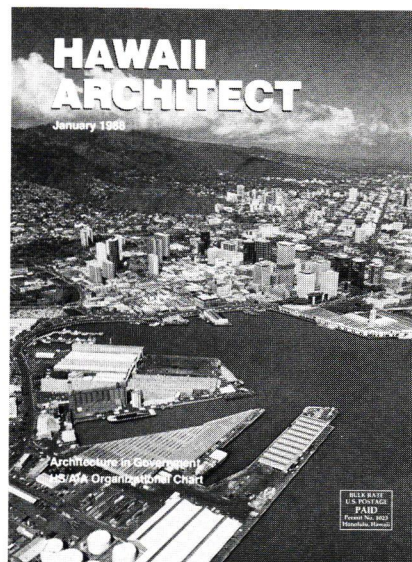
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Cover: A spectacular aerial view of Honolulu. Architects and other design professionals recently created dynamic concepts of the waterfront area for Hawaii's Governor John Waihee. David Franzen Photography

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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.

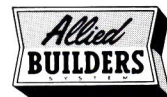
Allied Builders matched that plan with first-class execution: They produced a sound second story topped with new shake roofing, effected major structural changes, and processed dozens of client-requested change orders — while business as usual continued at the club. All this, and they finished on time.

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

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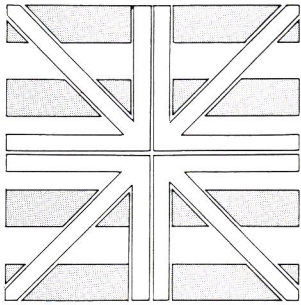
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Editor's Notes

Open Lines of Communication

When looking over the past year with *Hawaii Architect*, and in planning for this new one, we continue to look for ways of improving the informational quality, as well as the design quality of our magazine. Beginning this year, we would like to receive more reader response and communication by encouraging you to put your comments in writing.

Your comments on any article or topic, will be of value to us as we attempt to provide information of varied interests for our readers.

Questions of architectural interest or HS/AIA-related are

encouraged. Professionals within our Society will lend their advice in answer to questions received.

We also encourage letters or commentary that may clarify a statement we printed, correct an error, or compliment us on something you read and liked in *Hawaii Architect*.

Join us in making 1988 a successful year of professional and personal growth. We look forward to hearing from you. Happy New Year!

Anita K. Choi



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(Front row, left to right) Michelle Cometa, Cynthia Becklund, Peggi Murchison, Anita K. Choi and Chris Klauschke. (Middle row) Lori Murakami, Edwina Salac, Leonardo Henobio, Jr. and Pam Sledge. (Back row,) Lisa Kightlinger, Mark Zanetti, Jamie Kemp and Miki Riker.



"To Inspire and Nurture" in 1988

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

Welcome, 1988! As we look ahead to the next 12 months, we see 1988 as an eventful year, not only for Hawaii, but for the Pacific and the world.

As a nation, we will be electing a new president for the first time in eight years; the world's economy will be continuing to adjust after the crash of October 1987; the summer Olympics will be held in Seoul; and the World Expo will be held in Brisbane. In Hawaii, the site of the convention center will be selected; we are expecting legislative action on the future of Honolulu's waterfront; elections for the mayors of Oahu, Kauai, Maui and Hawaii will be held, as well as a number of critical council and legislative seats.

For the Hawaii Society/AIA, 1988 will also be an eventful year. Whereas any one of the following would be a major undertaking in a single year, we have four:

- Developing specific strategies for the Long-range Plan adopted at last year's annual meeting;
- Addressing the restructuring of the HS/AIA into a State Council of island chapters;
- Hosting the 1988 Northwest/Pacific Regional Conference in October at Kona; and
- Relocating the HS/AIA office, which will include investigating the possibility of purchasing our own building.

In addition to these major undertakings, we will continue to provide many of the ongoing programs and services to our membership.

To meet all of these challenges we, as a society, will need to work harder together, perhaps more than ever before. I submit, therefore, the theme for 1988: *"To Inspire and Nurture."*

Over the past several months, as our major challenges unfolded, your officers and commissioners have been meeting to set guideposts by which these challenges could be met. The guideposts are twofold:

- First, we will need inspired leadership and direction from outside resources, as well as from within the society.
- Second, we need to continue to nurture our membership by

responsibly meeting their professional needs and expectations.

For inspiration from outside resources, our monthly membership meetings will feature prominent speakers. Among them are Dr. Gregory Pai, chief economist for First Hawaiian Bank, sharing insights on the future of Hawaii's economy; and Senator Spark Matsunaga on Hawaii's importance in the Pacific Basin.

(An article by Dr. Pai appears on page 16 of this issue.)

With the theme "New Horizons in the Pacific," the October

(continued on page 23)



Norman G. Y. Hong

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Outlook for Construction Industry

Implications for Architectural Firms in Hawaii

by Gregory G. Y. Pai

Recent developments in the national economy related to the extended length of the current business cycle, and the recent downturn in the stock market could carry good news for the construction industry, in general, and the architectural profession, in particular. Expectations of a general slowdown in the national economy are offset by a projected slowdown in inflation, and ultimately, a decline in interest rates. Because of the generally anti-cyclical nature of the construction industry, the overall slowdown in the economy could mean opportunities for growth in construction.

This will be good news for the construction industry in Hawaii, which is rapidly replacing the military as the second largest industry in the state. As of August 1987, total construction put in place stood at \$1.4 billion, representing a rapid growth rate of 17 percent. However, considering that construction was growing at 43 percent during the same period in 1986, the industry clearly appears to be in a process of consolidation.

This process becomes more evident in an examination of building-permit data. As of the first half of 1987, private permits authorized for residential construction, including single-family units, apartments and condominiums were growing by 25 percent. In contrast, permits for nonresidential construction, including hotels, commercial, industrial and institutional

structures were down by 40 percent. This would indicate that the heavy surge of construction underway, particularly related to hotel construction on the neighbor islands, may be decreasing in the future, to be

replaced by an upswing in residential construction.

Overall, given relative stability in interest rates and the shift in the composition of construction demand, growth in construction can be expected to remain strong



In construction activity, there appears to be a shift in focus toward urban and residential development on Oahu.



Gregory G.Y. Pai

in 1988, expanding by 10 to 15 percent, down slightly from the growth rates of 1987.

Construction activity will also be shifting in terms of spatial distribution. In 1987, nearly 70 percent of total residential permits, and 66 percent of total nonresidential permits authorized were on Oahu as opposed to the neighbor islands.

In 1986, 64 percent of residential permits, and 39 percent of nonresidential permits were authorized on Oahu. This pattern of regional shift in construction activity is consistent with major urban development initiatives occurring in Honolulu, including the West Beach development, the Kakaako development, residential developments in Central Oahu, the projected Ewa Second City development, and the Waterfront and Convention Center development programs.

What appears to be occurring is a major shift in the location and focus of construction activity in the state, away from tourism-related development on the neighbor islands, toward urban and residential development on Oahu.

These changes will have important implications for architectural firms in the state. As of 1984, roughly 340 architectural and engineering offices existed in Hawaii employing roughly 3,000 persons. These establishments were primarily small businesses with

93 percent of the offices having less than 19 employees, and 50 percent less than 4 employees.

*"... shift away
from tourism
toward housing and
urban development ..."*

In terms of location, 282 offices, or 83 percent of Hawaii's architectural and engineering firms were located in Honolulu. Fourteen years before that, in 1970, there were 160 firms in the state, employing roughly 1,500 persons, of which 90 percent employed less than 19 persons, and 30 percent less than 4 persons. In addition, 91 percent of the firms were located in Honolulu.

Thus, in the years spanning the decade of 1970s and early 1980s, there has been over a doubling of the number of architectural and engineering firms in the state, a higher growth rate for smaller

firms and a greater dispersion of the profession in response to the growth of tourism on the neighbor islands.

Projected trends in the construction industry will have a number of impacts on the architectural profession. Continued low inflation and interest rates will mean continued growth in construction and demand for architectural services. The shift away from tourism toward housing and urban development-related projects in Honolulu will have several possible implications. Growth in the number of offices will continue, but shift back toward Honolulu. On the other hand, the relative increase in residential and commercial projects will afford greater opportunities for smaller firms because of the greater range in types of projects and generally smaller size. The continuing growth in additions, alterations and repairs to single-family

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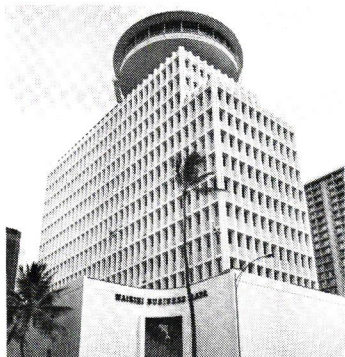
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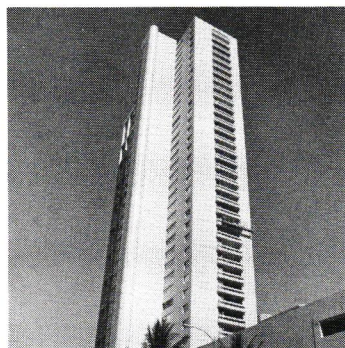
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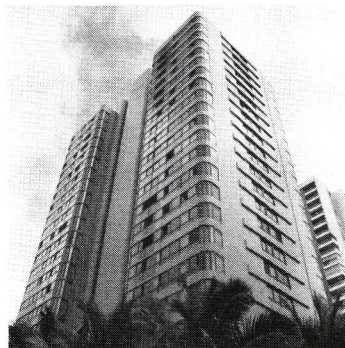
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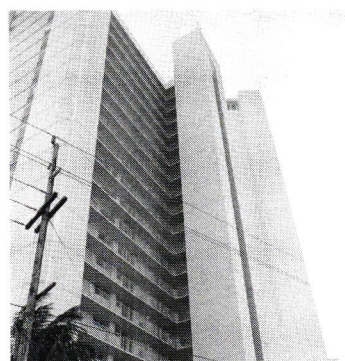
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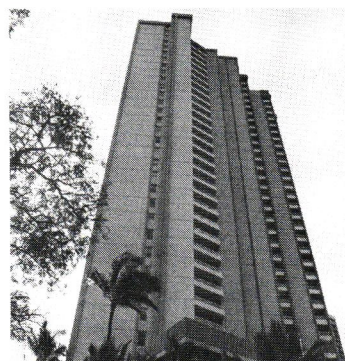
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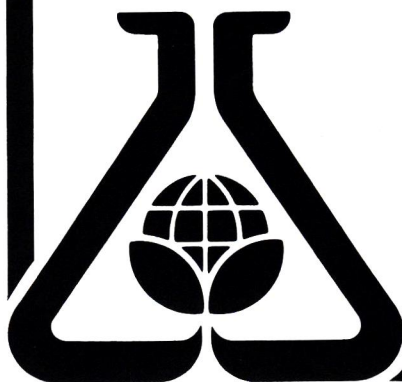
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homes will also continue to provide strong demand for the services of smaller firms.

While the demand for architectural services can be expected to grow in the near future, the composition and location of that demand will shift. The net result will be a growing concentration of architectural firms in Honolulu and increasing opportunities for smaller firms. **HA**

Dr. Gregory G.Y. Pai is Vice President and Chief Economist at First Hawaiian Bank. He also serves as the Public Member Director of the Board of Directors of the HS/AIA. Dr. Pai received his B.A. in Architecture at the University of Hawaii, M.Arch at the Harvard University Graduate School of Design, and his Ph.D. in Urban and Regional Planning at the Massachusetts Institute of Technology.

CAD Seminar Set for Jan. 13

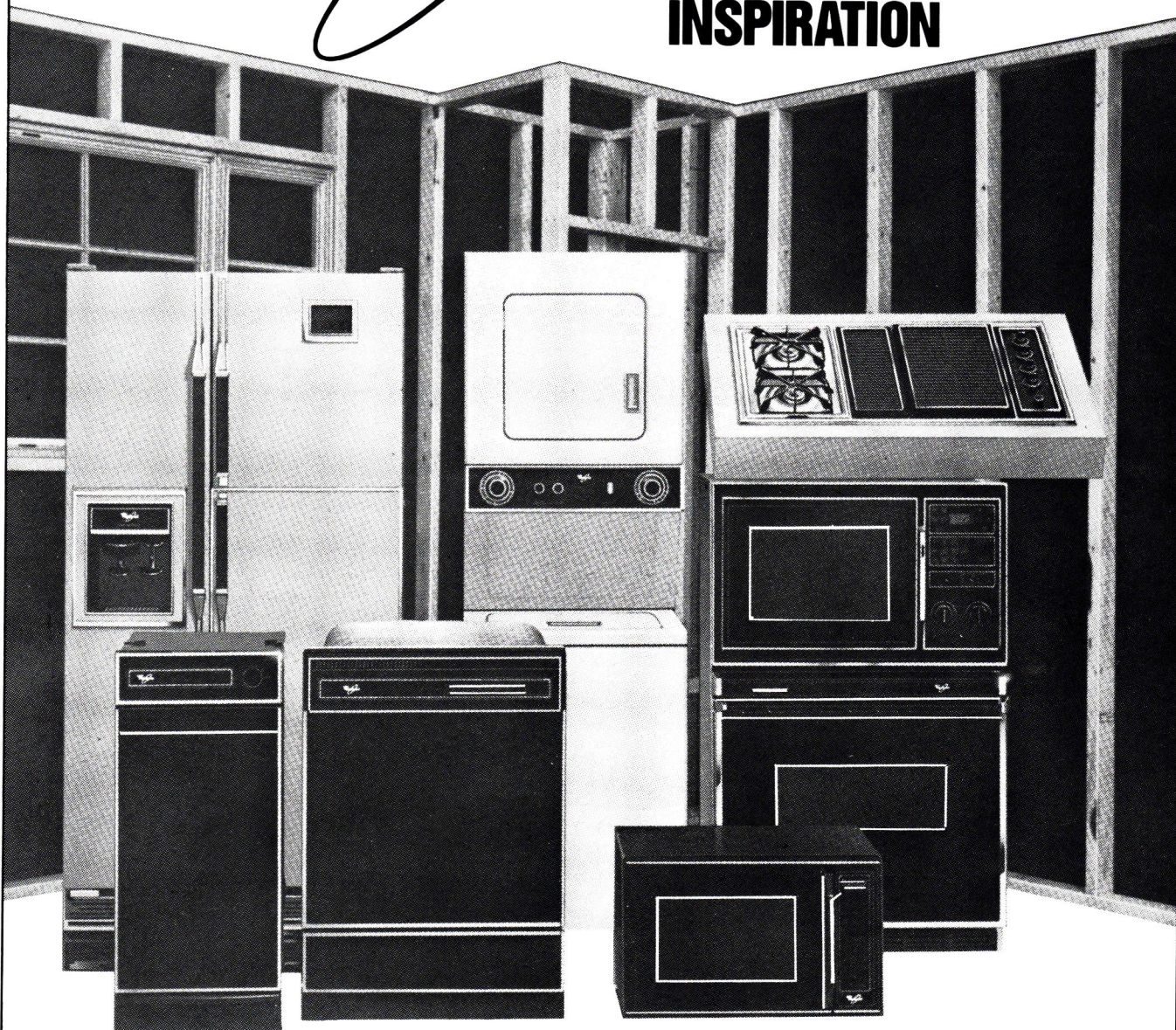
A one-day seminar on Managing CAD and the CAD Project will be conducted by Robert Hartman, AIA, on Wednesday, Jan. 13 at the Pagoda Hotel. The seminar will be particularly rewarding to those within architectural firms who have responsibility for acquisition or implementation of CAD systems.

The seminar contents will especially focus on management aspects of CAD and will be beneficial to those firms already using CAD, as well as to firms looking to acquire a CAD system. Some of the management techniques will include CAD and the Work Environment, CAD Drawing File Management, CAD Layering Management and Data Exchange for Architects and Engineers.

Seminar fee is \$65, including lunch. Registration deadline is Jan. 7. For additional information, call 261-2903.



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CAD System:

by Robert Hartman, AIA

Computer Aided Drawing (CAD) technology took a major leap forward

in Hawaii architectural consciousness this past November, when the Hawaii Society/AIA passed Resolution No. 5, which dealt with Layering Protocols for CAD Drawings.

Developed by efforts of an HS/AIA Task Force striving toward establishment of some kind of rational logic to deal with what has become a chaotic mess, a system based on AIA/CSI 16-Division specification format emerged, which can only assist in bringing a sense of order to the entire design profession, architectural as well as engineering, as it moves ever further into CAD technology.

Spurred by the ever-increasing capabilities and lowering costs of microcomputer systems, CAD is no longer the object of curiosity in the offices of Hawaii design professionals. Many projects currently "on the boards" in Honolulu offices are partially or even totally produced with the assistance of microcomputer-based CAD software programs. These projects range from residential to commercial to institutional, and include both private and governmental clients.

Civil, structural, mechanical and electrical engineering firms are probably more "into" CAD than the architectural firms. But, once a Project Design Team has been assembled, which has agreed that much of a given project will be CAD-developed, meaning CAD will be used for both design and drafting, electronic coordination becomes of paramount importance.

One of the marvelous features

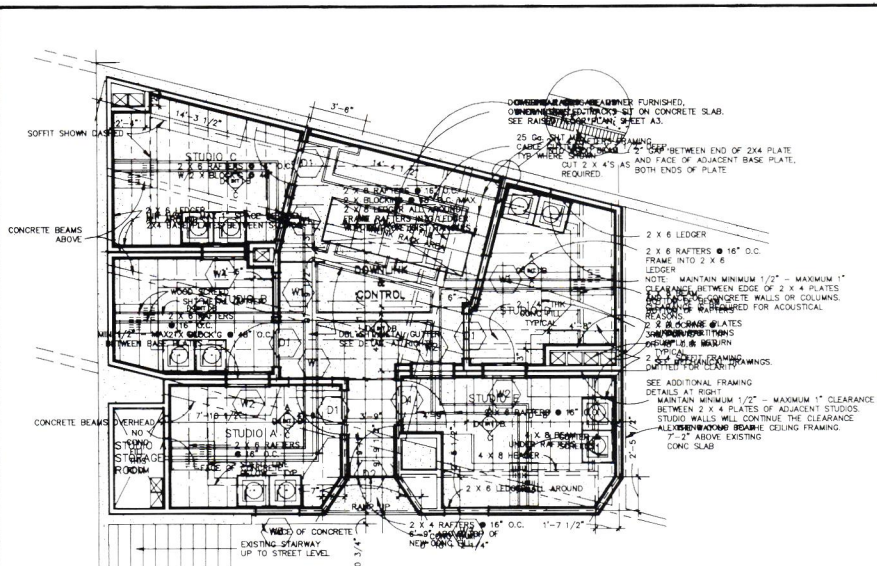


FIGURE 1 - COMPOSED ELECTRONIC LAYERS

Layered floor plan of the new KHPR-Public Radio Broadcasting Studios in Honolulu designed by R. Hartman. The project was completed in October 1987. Figure 1 (above) represents some 47 electronic "layers" of drawing information. Normally, such a plot would never be made.

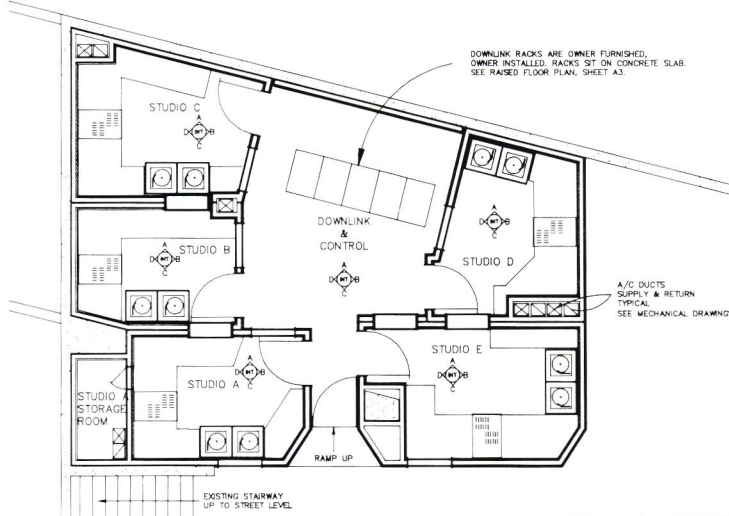


FIGURE 2 - REFERENCE PLAN

Figure 2 is plotted using only eight of the layers in Fig. 1. This plan serves to orient the owner, building permit plan reviewers and the general contractor to the general scope of the project.

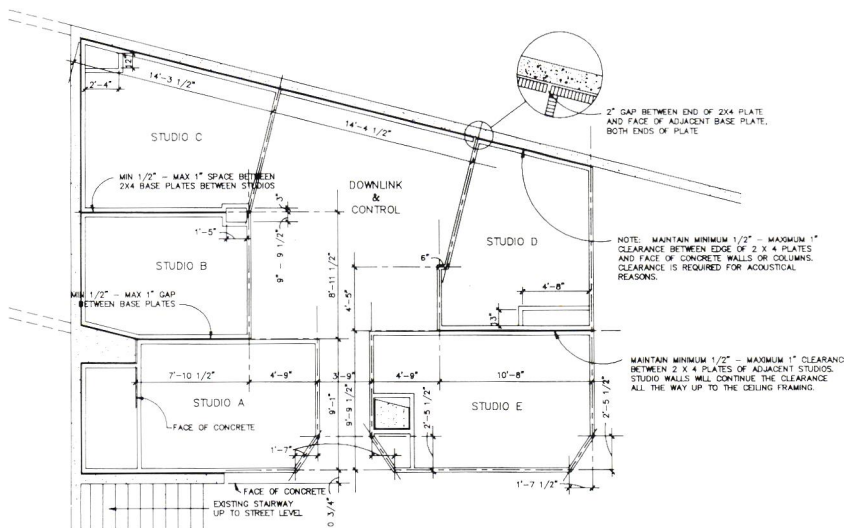
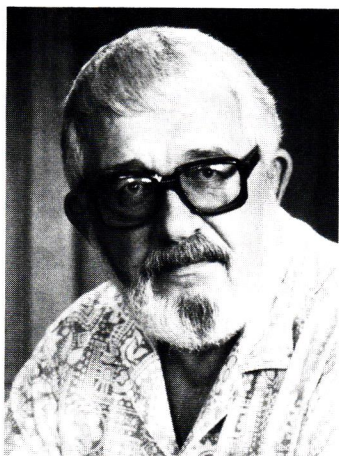


FIGURE 3 - LAYOUT PLAN

Figure 3 plan is used by the general contractor at the first stage of construction to lay out the 2" x 4" base plates under each partition of each broadcast studio. This figure uses seven of the layers in Fig. 1.

A New Technology Coming of Age



Robert Hartman

of CAD expands on the concepts of the old "pin-register overlay drafting," that is, the ability of CAD to separate levels of drawing information into electronic "layers."

Such layering is, for the most part, user definable; meaning, that each architect or engineer is free to establish his/her own layering system, probably developed within the office and structured around how that particular office best functions in this new electronic world.

However, when the need arises to start exchanging project drawing information with other offices via floppy disks, problems of systems compatibility begin to arise (with astonishing electronic speed, I might add).

First of all, each office must be using a CAD system which is more or less compatible with all of the other offices. In Hawaii, that is not too much of a problem since AutoCAD seems to be the system of choice in a preponderance of Hawaii's professional offices. Other CAD systems are capable of interfacing with AutoCAD, but, with a few exceptions, translations have so

far been less than 100 percent effective.

The ability to "layer" drawing information, to which I referred earlier, has posed problems of

standardization, ever since CAD became less than an isolated phenomenon. One office's "layering" standards did not necessarily fit comfortably with

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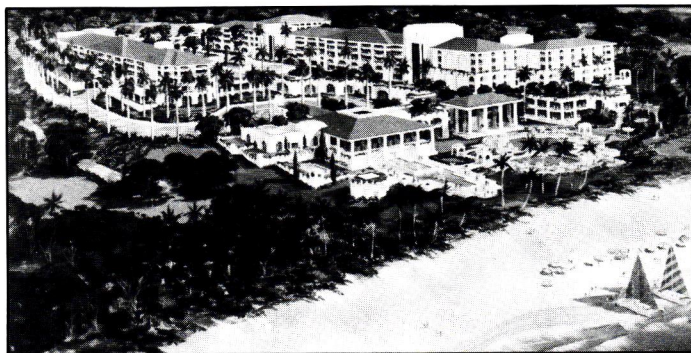
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another office's "layering" standards, and much time, dialog and frustration took place attempting to establish some sort of common usage, practical for both offices. This has been true around the country and is not just an "Hawaii" problem. The CAD industry has been faced with this "problem" for some time, and until now, no universally acceptable system has been put forth to solve it.

As of November 6, 1987, a solution may be at hand. The 16-Division Layering Protocol, adopted by the Hawaii Society/AIA at its 1987 State Convention, may well point the direction toward adoption at a national level of a similar protocol.

Based on the AIA/CSI Specifications Divisions, a system which has been in effect for the entire construction industry for at least the last 15 years, the Layering Protocol puts CAD layers into trade-related groupings, familiar to all design offices. The CAD Layering Protocol also follows the similar groupings of design information shown in the *Architectural Graphic Standards*, which has been the drafters' "bible" for many, many years.

In the near future, it's quite possible that the structural engineer will know, for example, that anything on a CAD drawing (or disk) which relates to concrete, may be found in the 0300 series of Layers. Likewise, the civil engineer will look to Layer series 0200 for work related to his area of concern. As an architect, if I wish to view my project's details of electrical, and wish to "turn-off" the mechanical engineer's contributions, I shall "turn-off" all Layers in the 1500 series, and "turn-on" all the Layers in the 1600 series. When I wish to view electronic coordination of both of those trades, I will, of course, "turn-on" selected layers in both the 1500 series and 1600 series.

(continued)

The irrefutable logic is there. Carried to its ultimate, we foresee the day when the architect will issue floppy disks to the general contractor, who in turn will issue floppy disks to his subs. Eventually, shop drawings from specialty fabricators may well indeed be arriving in the architect's office via floppy disk, and review comments concerning those shop drawings may well be encrypted onto Layer 0002 (reserved for the architect's comments - Layer 0001 having been reserved for the owner's comments).

It's a heady new world we're headed for, and the Hawaii Society/AIA may just have had a hand in its making! **HA**

Robert Hartman served as secretary of the HS/AIA in 1979 and 1980. In 1978, he was program chairman for the state convention held on Molokai. Hartman acquired his first CAD computer in early 1984, and has since written numerous articles about CAD for Hawaii Architect and other publications.

ASID Award to Historic Hawai'i

The Historic Hawai'i Foundation (HHF) recently received the prestigious American Society of Interior Designers' (ASID) Perpetual Award of Recognition at the organization's annual meeting. HHF's Chairman of the Board, Robert H. Gerell, accepted the award presented by Liz Howard, ASID, and James Akina, ASID.

The award is for the "Promotion and Advancement of Interior Design." Past recipients of the award include the Friends of 'Iolani Palace (1986), and University of Hawai'i School of Architecture and Interior Design (1985). In the past, HHF and ASID have worked together on Preservation Parades, resource teams, and most recently Showhouse '87.

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NEW MEMBERS

Newcomers Welcomed to Society Membership

The Hawaii Society/AIA extends a warm welcome to the following newcomers:

Rodney Lee recently joined the Society as an AIA member. He is with the firm of Chapman Desai Sakata, Inc. Lee took his training at the University of Hawaii, where he received a Bachelor of Fine Arts degree.

Jeanne Marie Moller is welcomed as a new AIA member. She is with Lawton & Umemura, Architects, AIA, Inc. Moller received her training at Texas Tech University. She is a registered architect in Colorado, as well as in Hawaii. She enjoys scuba diving and golf as hobbies.

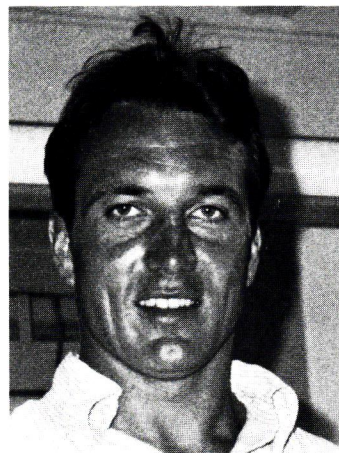
Joining the HS/AIA as an Associate Member was **Steve Anderson** with the firm Collaborative Seven. He attended

the University of Idaho, where he received his Bachelor of Architecture. In his spare time, Anderson enjoys rugby, body boarding and reading.

Leslie S. Ono joined the Society as an Associate Member. He is affiliated with the firm of Walter Leong & Associates, Inc. Ono took his training at Honolulu Community College, Architectural Drafting Program.

Associate Member **Mark Walter** is a newcomer to the Society. He is with Media Five, Ltd. Walter attended the University of Idaho, where he received his Bachelor of Architecture. For hobbies, he enjoys playing soccer or coaching youngsters in AYSO soccer.

Helen M.L. Goo recently joined the HS/AIA as a Professional



Mark Walter

Affiliate. She is self-employed, with the firm CompuType Hawaii. Goo received her training at the University of Hawaii, where she earned her Bachelor of Education in 1972.

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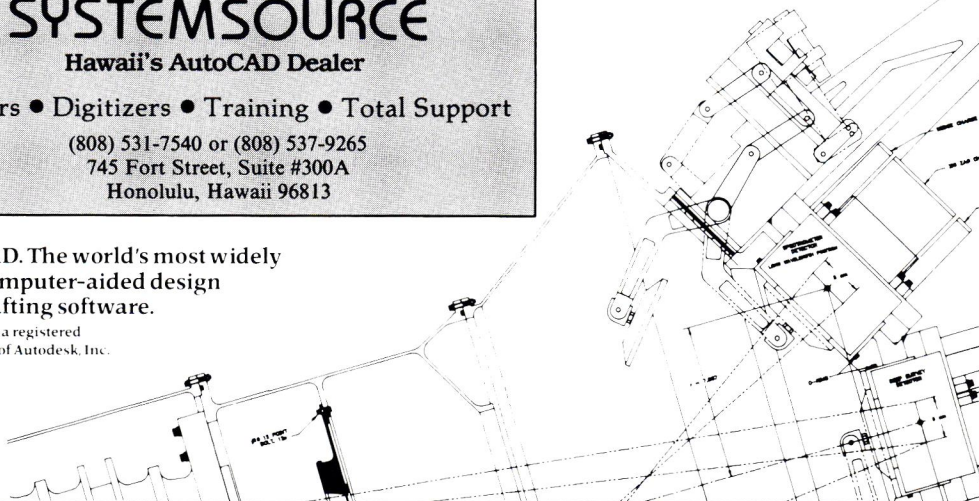
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Visual Concepts for tr

This dramatic sketch shows the image of the pedestrian environment as developed in the Noho Kai (Living by the Sea) concept, by Ty Sutton's team.



Much has been said, written and published about the Honolulu waterfront and the Kakaako makai area. With all the planning reports and studies performed, it may be safe to say that these two areas are probably the most analyzed pieces of real estate in the state of Hawaii.

Yet, there exists a sense of "emptiness" about the waterfront and Kakaako makai. Like an illusive image, it has never come to be fully embraced by the community. Even in light of its

strategic location and promises to fulfill the urban needs of Honolulu well into the 21st century, hints of other alternatives and greater expectations constantly tug at the Kakaako makai plan and the adjacent Honolulu waterfront.

Prelude. Governor John Waihee was perhaps the first prominent voice to speak publicly about a great Honolulu waterfront. His visions spoke of a great city, not only in its architectural form but equally prosperous in its social, cultural

and economic activities. The vision placed Hawaii at the epicenter of the future of the Pacific Basin.

The planning and design professions were quick to rally behind this vision. In less than a year after Governor Waihee's inauguration, the American Institute of Architects, the American Society of Landscape Architects and the American Planning Association, together with several state agencies, embarked upon the "Honolulu Waterfront Reawakening" project.

Honolulu Waterfront

by Michael S. Chu



The planning and design fees were financed with a spirit of community service. The process was embodied in a three-day *charrette* approach. Yet even before these three days in November, endless hours of planning and organizing were undertaken. Bob Crone, AIA, spearheaded the effort, later joined by a full contingent of volunteer participants from the three planning and design professions, including Rex Johnson and the staff of the Hawaii Community Development

Authority, who provided the state's input, plus nearly 200 citizens who participated in a series of luncheon briefings where individual, business and industry concerns were voiced.

We heard from representatives of the maritime industry, real estate industry, commercial fishing industry, the downtown community and the University of Hawaii, as well as from politicians, citizen groups, developers, and on and on.

If there was a consensus to this prelude, it was: yes, show us

ideas for a *great and beautiful* waterfront that accounts for the many competing uses and public aspirations.

The most noticeable hesitation came from the representatives of the maritime industry, who spoke convincingly on the role of shipping and the heavy implications involved in the disruption of this vital function. This is a valid issue and stands as a major planning factor, but should not deter the vision from exploratory planning.

(continued)



Waterfront image of the grand waterway as developed in the "Pacific Gateway" concept, with Don Goo as team leader.

The Charette. Professors at design schools often assign design problems utilizing the charette approach. There are at least two benefits in using this approach. First, it spurs on quick design ideas and avoids the "analysis paralysis" syndrome. Secondly, it compels group participation and dialogue toward a common goal, an invaluable exercise in coming to grips with competing interest.

Limited to but a weekend, the charette was heavy on planning and design intuition, however not to be confused with a free-for-all. Each team leader was charged with orchestrating his planners, designers and writers into a seamless presentation revolving around a basic design theme. Three presentations were sandwiched into the weekend marking a steady progression and sifting of ideas, with a crescendo presentation occurring the following Monday morning at the office of Governor Waihee.

Although the plans share several design similarities, each stands in sharp contrast in theme.

(continued on page 38)

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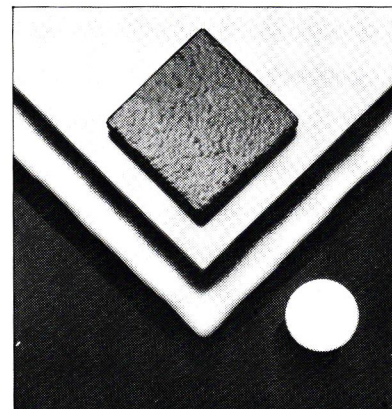
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"To Inspire and Nurture" in 1988

(continued from page 8)

Northwest/Pacific Conference will feature notable speakers from the Pacific region including Hawaii's Governor John Waihee.

Inspiration will have to come from within our membership as well. As we look into the restructuring of the HS/AIA, inspired leadership and direction will be required from those

*... more active
involvement by more
members ...*

serving on the ad-hoc committee addressing this issue. As we look into new HS/AIA headquarters, we will need inspired ideas and ways by which we might purchase our own facilities.

To nurture our membership, we will need to provide services and programs which will help members improve their practices. Additionally, we need to orient and properly integrate new members into the mainstream of HS/AIA through social events, better communications and active committee participation.

In particular, a special subcommittee of the Professional Development Committee will be focusing on the needs of the small practices. Small practices represent the majority of the firms in Hawaii, and their special needs and expectations must be addressed.

In 1988, the HS/AIA will be undertaking some of its most significant steps in the society's history. Your officers and directors look forward to these

challenges. However, we will need more active involvement by more members than ever before to achieve our goals. As we mutually assume these challenges, let us continue to inspire and to nurture one another. **HA**

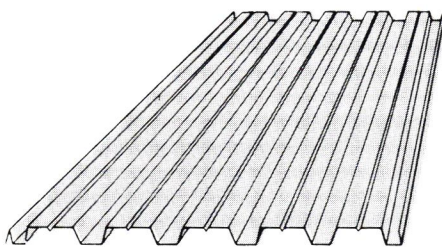
Norman G.Y. Hong, AIA, is managing partner of Group 70 Architects, Planners and Interior Designers and has been a principal of the firm since 1977. Mr. Hong is 1988 president of the Hawaii Society of the American Institute of Architects.

He previously served as the Society's secretary from 1984-1986, and as chairman of the 1983 HS/AIA State Convention.

In community civic affairs, Mr. Hong is a member and past director of the East Honolulu Rotary Club, a member of the Haleiwa Design Advisory Committee and the Chinatown Gateway Advisory Committee of the City and County of Honolulu.

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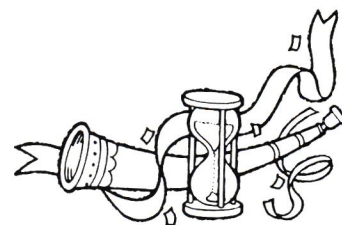
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Waterfront Briefing Sessions Held

Impressions of the Project's Moderator

by Aaron Levine

Is the public really interested in the future of the Honolulu waterfront? Does anyone outside the State harbors division care about it? Would our community leaders attend a series of workshops to express their views about the future of the waterfront?

The answer is a resounding "Yes." Two hundred interested persons accepted Governor Waihee's invitation to participate in the sessions. They included business leaders, members of labor unions, neighborhood boards, the maritime industry, civic and environmental organizations, City and State department directors, spokesmen for federal agencies, members of the State Senate and House of Representatives, City Council, the visitor industry, trustees of land estates, economists, developers and design professionals.

In groups of about 20 persons, they attended two-hour working sessions held during a series of nine luncheon meetings this past October and November. Every one of the participants was called on to comment about the future of the waterfront. Another workshop was held during the 1987 Hawaii Society/AIA State Convention on Nov. 6.

At the first briefing session I moderated, only one person did not appear as scheduled. The day was October 20th, just after "Black Monday." The absentee was a leading stockbroker in

town, and we excused his absence!

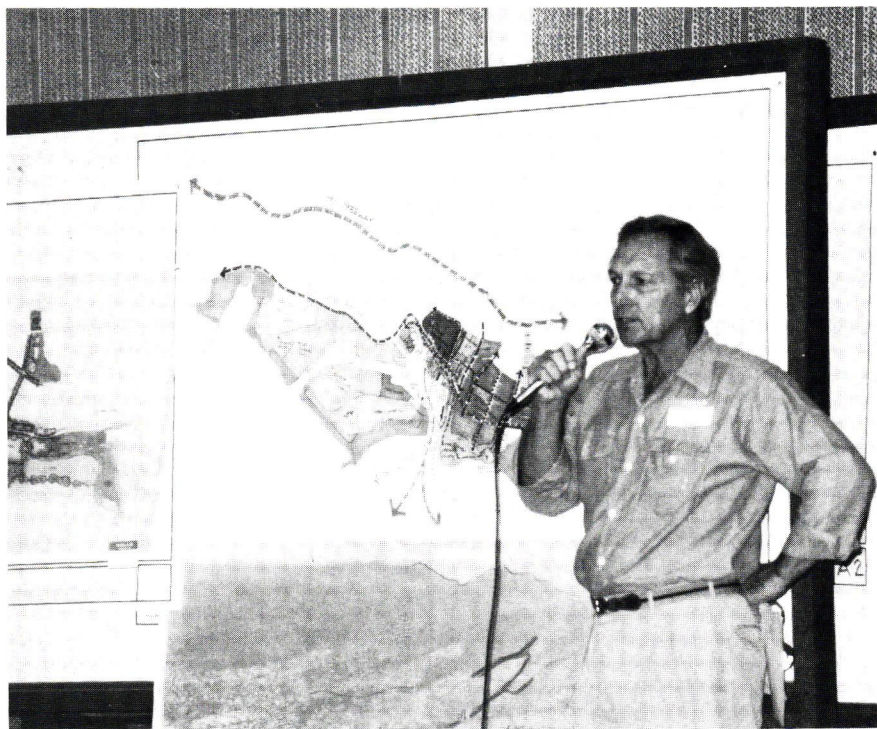
Throughout the briefing sessions, enthusiasm was expressed about the possibility of rejuvenating the Honolulu waterfront. It was interesting to note the similarity of ideas suggested by men and women representing totally different interest groups.

The main points suggested by each participant were recorded by William A. Stricklin, Esq. and transmitted almost overnight to the three design team leaders for the *charrette*. They were architects Donald Goo, Lewis



Aaron Levine

Ingleson and Charles R. Sutton, who attended every briefing session. That continuing flow of suggestions and information in



Addressing group participants at the Saturday public briefing session held at the state capital was team leader Ty Sutton.

concise systematic format over the five-week period of the briefing sessions proved invaluable.

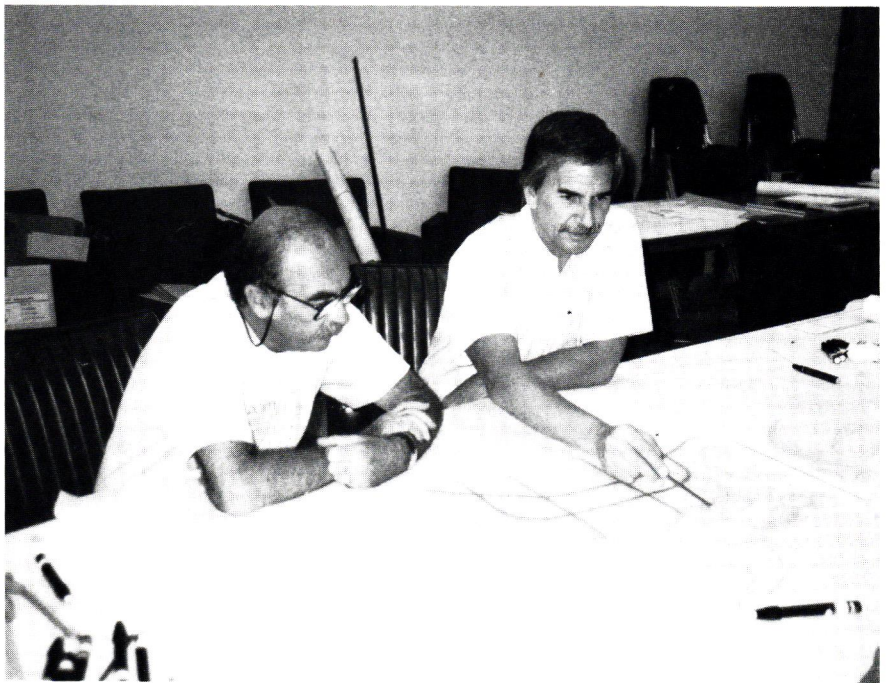
"... making the Honolulu waterfront a pleasant place for residents, rather than designing it mainly for tourist appeal ..."

Competing Land Uses. The briefing sessions pointed out the need to accommodate the competing demands for the same waterfront space. Some participants want more park land along the water's edge while others expressed the desire to retain practically all the shorefront in maritime use. The fishing industry is concerned about its future in Hawaii and emphasized its hope of remaining in the present location while some suggested other locations for that activity.

The long-debated convention center received attention with its Ft. Armstrong proponents and opponents. The goal of making the Honolulu waterfront a pleasant place for residents, rather than designing it mainly for tourist appeal was expressed vehemently by several speakers.

The number of museums proposed for the area would create a wall along the entire waterfront, so popular was that suggested land use. Since the charette was intended to produce conceptual plans, there was little time for economic analyses of the various museum proposals.

Another frequent recommendation was for housing in low, medium and high-rise structures makai of Ala Moana Boulevard, and even on Sand Island. Reflecting their visits to Boston and Baltimore, state legislators suggested a "Festival Marketplace" on the Honolulu waterfront.



Team leader Lew Ingleson and planner Frank Brandt "bubble" in land uses for the "Gathering Place" concept.

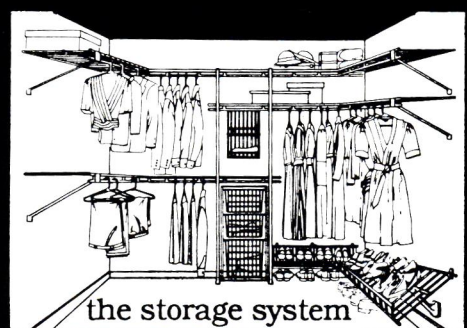
Several times during the briefing sessions there were requests for quality development at Aloha Tower to include

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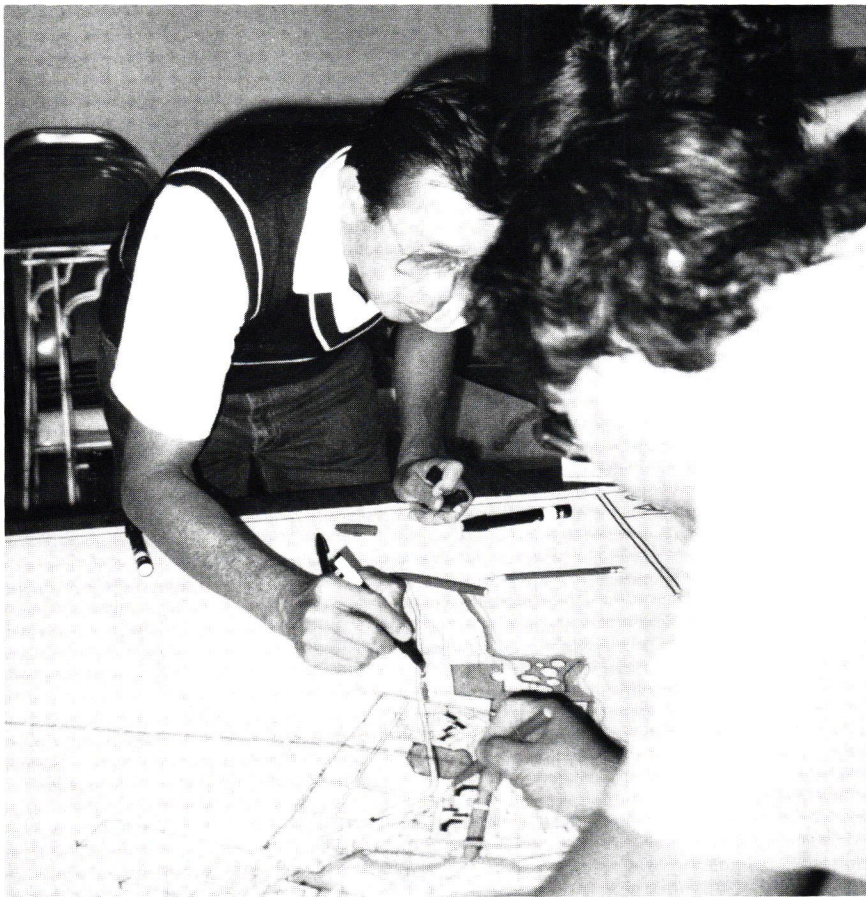
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Team leader Don Goo at work with his team on the "Pacific Gateway" concept.

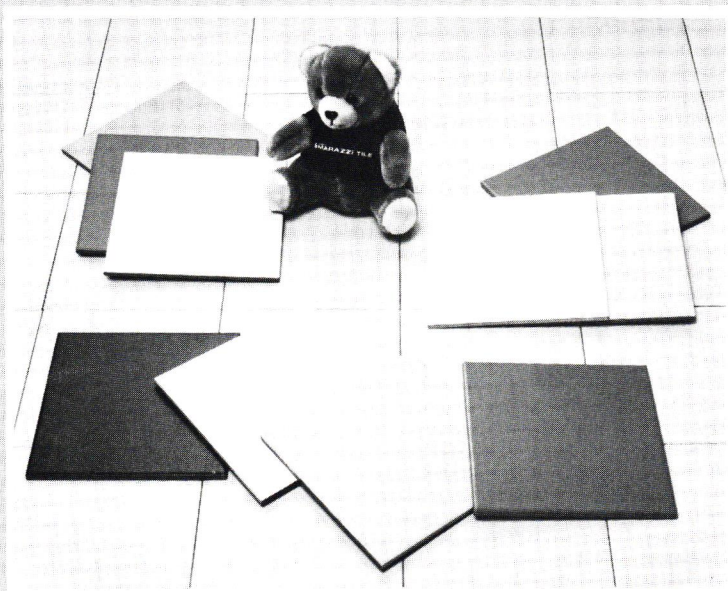
executive hotel. It was noted that a properly designed Aloha Tower complex could be as dramatic and internationally recognized as the opera house in Sydney harbor.

Many comments were made about transportation facilities and traffic problems associated with

*"... comments on
transportation
facilities and
traffic problems ..."*

downtown Honolulu and the waterfront, in particular. Proposals were made for installation of the City's new rail transit system or a spur of it close to Ala Moana Boulevard. Nimitz Highway was mentioned frequently as a barrier to waterfront use. There were suggestions for depressing the highway or relocating it across Sand Island.

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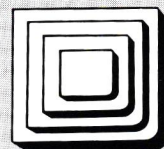
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Organization for Implementation. Considerable concern was expressed about implementing the future waterfront plans. Suggestions ranged from expanding the jurisdiction of the Hawaii Community Development Authority (HCDA) ewa of Aloha Tower, perhaps all the way to Keehi Lagoon; or creating a new authority responsible not only for maritime purposes but also for residential, commercial, industrial and community facilities. Some port authorities elsewhere have been performing those functions successfully for decades.

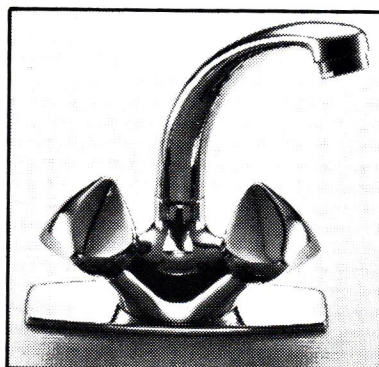
Question was raised whether HCDA should be assigned the entire Honolulu waterfront when it already has responsibility for hundreds of acres of mauka land. Might a new port-oriented agency better handle the makai side of Nimitz Highway and Ala Moana Boulevard, while HCDA retains power over inland Kakaako?

How much government funding? Private entrepreneurs?

What form of governmental organization is most likely to encourage involvement by the private sector? For no matter how much government funding is applied to the maritime terminals and public infrastructure of streets, parks and utilities, private entrepreneurs will have to invest considerably more to make the plans become reality, if the experience of other communities is any indicator.

Charette Briefing. Twenty-four hours into the three-day charette, on Saturday, Nov. 14, an open meeting was held in the State capitol auditorium for the general public and the participants of the prior briefing sessions. The purpose of the meeting was to have the charette design team leaders present a progress report.

When we scheduled that

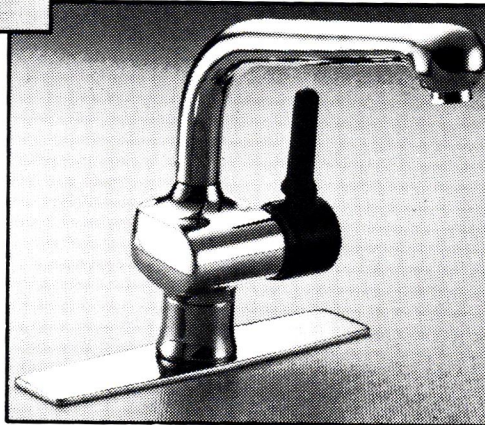
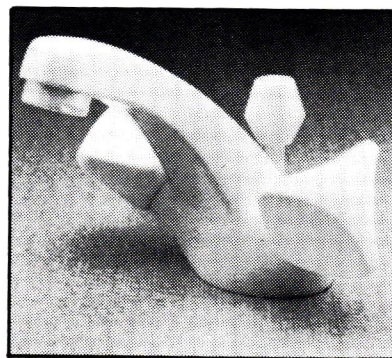


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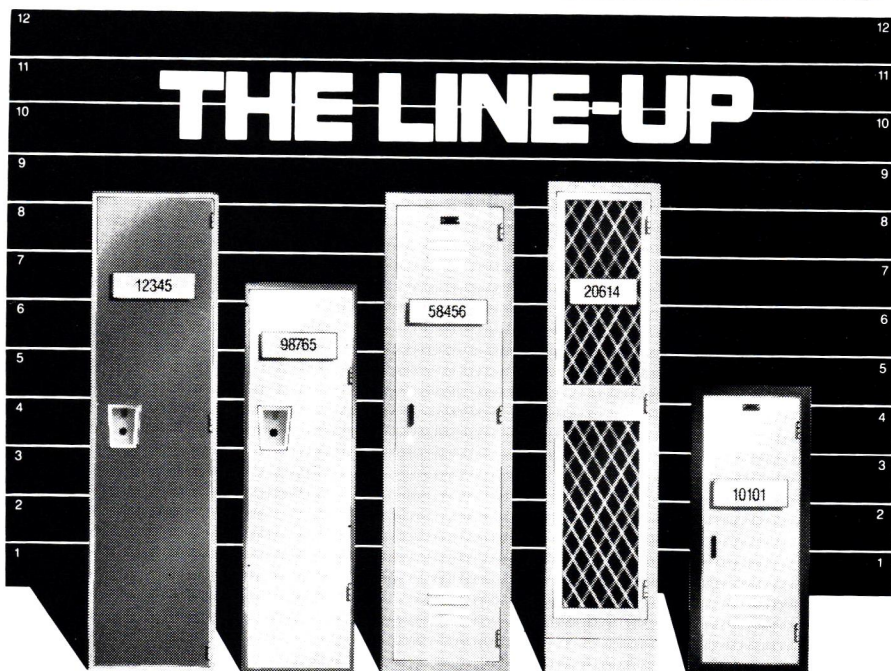
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session three months earlier, we wondered whether anyone would attend. Would busy people give up two hours on a Saturday in November? If hardly anyone attended or if too few comments were forthcoming, I was prepared as moderator to fill in by describing the activities of other communities and their waterfront plans.

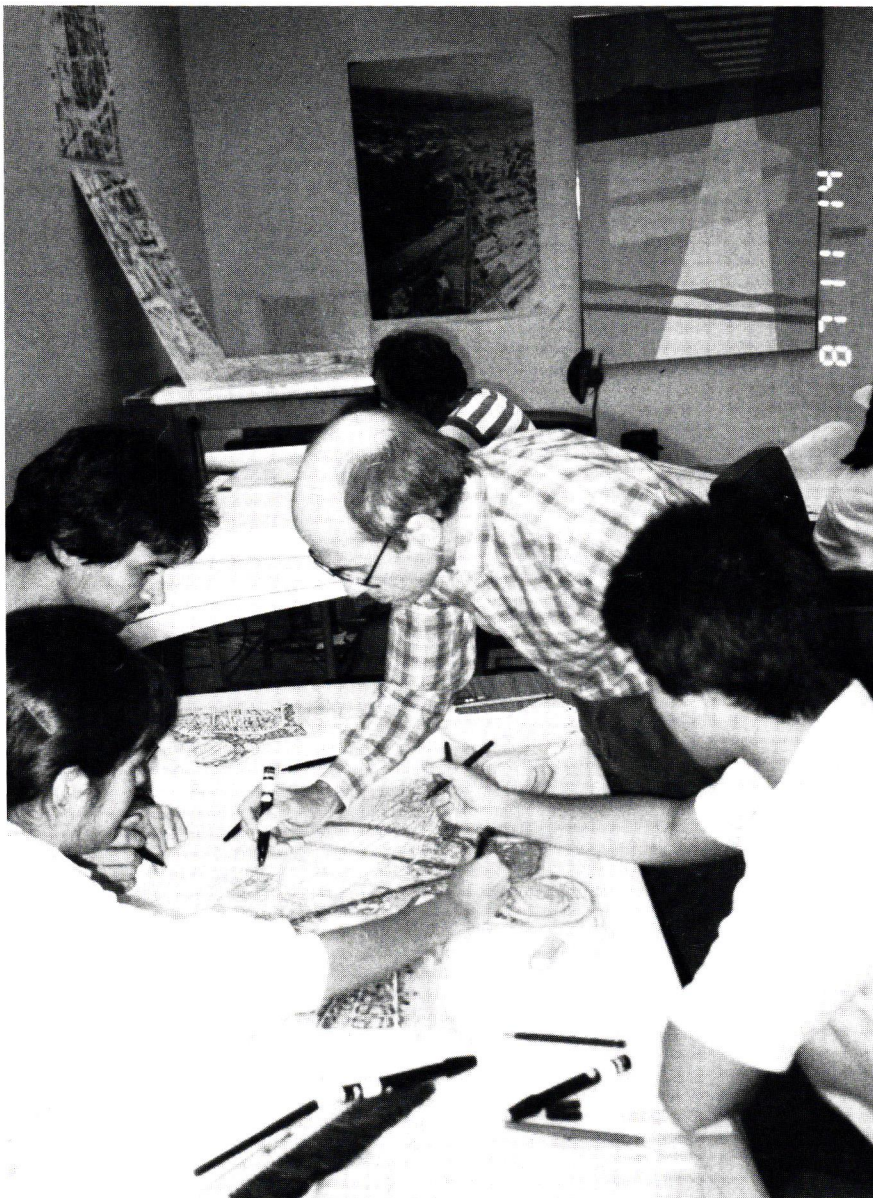
“Strong leadership and bold vision are called for.”

We need not have worried. Practically every seat in the auditorium was occupied. Another hundred persons crowded the aisles. Their comments continued unabated for two hours. There was an air of excitement and hope. Few, if any, in the audience departed before the meeting adjourned. Repeated requests were made by members of the audience to be permitted to participate in the planning process.

Citizen Participation. It is imperative that Governor Waihee respond to that interest and incorporate public participation in the planning work that lies ahead. The plans for the waterfront will have a far greater likelihood of being implemented if they have a public constituency to support them.

To gain that strength, the plans will have to reflect the best thinking of this community, — best in the sense that they focus on the future and provide benefits to the broad community rather than being geared to the short term or the interest of only a limited sector.

A lesson can be learned from Hawaii's coastal zone management program whose advisory committee I chaired for almost a decade. At the outset, the Legislature was reluctant to adopt legislation to manage the coastal zone of each island. Legislators suggested leaving that



Students from the University of Hawaii-Manoa School of Architecture assist architect Joe Farrell during the recent charette weekend.

to individual cases and ad hoc decisions without the benefit of State policy. The coastal zone advisory group, which was organized throughout the State, came to the capitol at the eleventh hour to insist that State policy and State law were necessary.

When the Legislature realized that the advisory committee represented a broad spectrum of community interests, ranging from the most ardent environmentalists to the most energetic developers, it could not evade the issue.

Now, thanks to the Hawaii chapters of the American Institute of Architects, American

Planning Association and American Society of Landscape Architects, the HCDA, the Office of State Planning and Governor Waihee, public interest has been stimulated about the potential of the Honolulu waterfront.

Strong leadership and bold vision are called for. As editorialized in *The Honolulu Advertiser*, "...it's the Governor's challenge to harness this excited interest to get things moving on the waterfront." HA

Aaron Levine, Honorary AIA, FASLA, AICP is former president of the Oahu Development Conference. He served as moderator of the Honolulu waterfront briefing sessions.

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EXPO 88 Features "Smart House"

The Building Industry Association of Hawaii (BIA) will be displaying its national organization's "Smart House" model at EXPO 88 on March 9 and 10 at the Neal Blaisdell Center Exhibition Hall.

This house of the future is just around the corner. When Smart House does arrive, it will provide the average homeowner with all the electronic wizardry and convenience gadgets that today are reserved for Disney World or the homes of the very rich.

Stroll through such a home and discover an array of functions, all intended to make life easier, safer and more comfortable. For example, there could be an electronic device that is able to

sense if an elderly person has taken a fall and alerts paramedics to the emergency. Or a device that prevents shocks to inquisitive children who put their fingers in wall outlets or light sockets.

Smart House even has devices to warn homeowners of appliances needing repair, or those left on. There are devices which warn of fire or smoke within the home, and will indicate a safe escape route; or one which alerts homeowners of an intruder on the premises. Add to this, the convenience of assignable switches, or having any socket in the home carry the telephone and TV signal besides AC and/or DC electrical power, and the

consumer can begin to understand the scope of this technological achievement.

It all stems from a single cable called "the System" which was engineered by the National Association of Home Builders (NAHB) Research Center and a group of more than 40 firms in the electrical, electronic and gas-fired industries.

A complete line of compatible parts and products such as cable, connectors, controllers, outlets, advanced appliances, entertainment products, heating and air conditioning equipment, telephone equipment and much more are being designed right now.

BIA'S "SMART HOUSE" MODEL
This multifaceted exhibition will be on display at EXPO 88, complete with mainland representatives to answer every question.
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Bishop Square Receives BOMA Honors

An office building in downtown Honolulu has been judged "Building of the



Tamarind Park/Bishop Square

Year" for 1987 in the Southwestern United States and the Pacific, by a panel of judges convened in Phoenix.

Bishop Square, located at the corner of Bishop and King Streets, competed against major office buildings from California, Arizona and Hawaii in an annual award competition sponsored by the Building Owners & Managers

Association (BOMA).

The regional win advanced the building to national competition in December in Washington, D.C. (Results were not available at presstime.) Judges from BOMA evaluate the entries for qualities in design, mechanical maintenance, security, parking, landscaping, safety and community impact.

BIA Officers for New Year

The Building Industry Association of Hawaii (BIA) recently announced its officers and directors for 1988. They include Donna Goth, president; Walter Arakaki, president-elect; Ronald Kobayashi, vice president; Harvey Gerwig II, secretary; and Frank Machado, treasurer.

New two-year directors include Michael Ferguson, Gerald Onaga, Kenneth Pai, Norman Sakamoto, Michael Scarfone and Michael Smith. Maintaining their positions on the board were Jeffrey Brown, John Gestrich Jr., Russell Monma, Gail Sims, Ronald York and James Zweedyk.

The BIA is a resource organization for professional builders and suppliers, as well as a resource center for Hawaii's consumers. It offers the public several services to help those buying a home, remodeling or adding to their homes.



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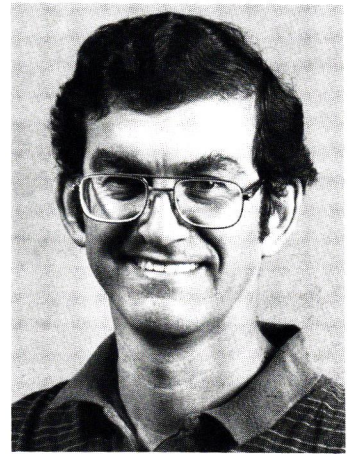
Van Horn Rejoins Belt Collins

Richard H. Van Horn recently rejoined the staff of Belt Collins & Associates as one of its senior design planners.

Van Horn and three others left Belt Collins in 1980 to become principals of the firm Helber, Hastert, Van Horn & Kimura.

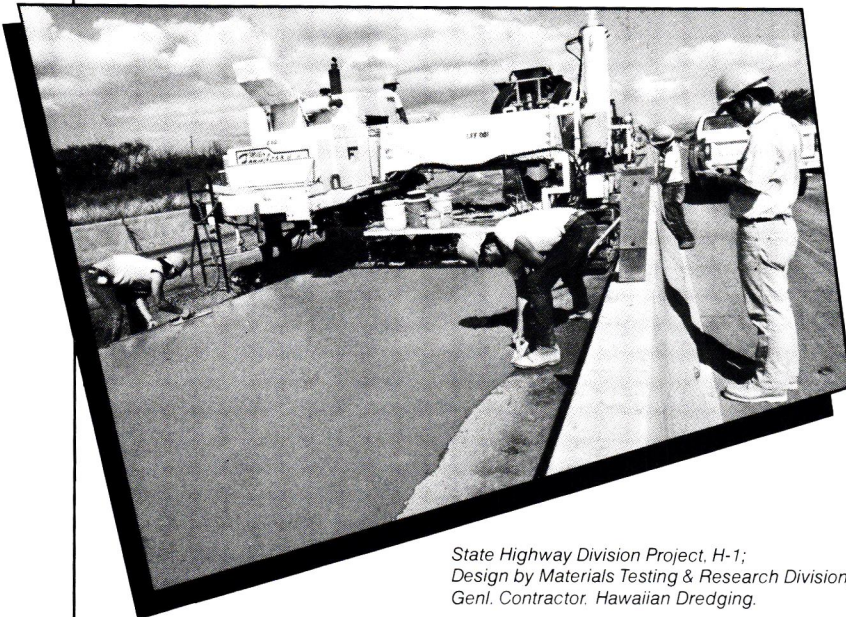
Belt Collins was then a division of Lyon Associates.

Belt Collins' Chairman, Jim Bell, said in welcoming Van Horn back, "Dick is Hawaii's best urban designer and he adds real strength to our design services for developers and architects."



Richard H. Van Horn

CONCRETE IDEAS



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Van Horn is currently working on a number of assignments for the U.S. Navy and on the land plan for the Hawaiian Riviera, a proposed resort at Ka'u on the Big Island. His past projects include the plan for athletic facilities at Punahou School, as well as the master plan for Kamehameha Schools.

Van Horn's specialties include site planning and urban design. He graduated from the University of California at Berkeley with masters' degrees in both architecture and city and regional planning. He is a member of the Honolulu City & County Housing and Community Development Commission.

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Promotions Announced at Media Five

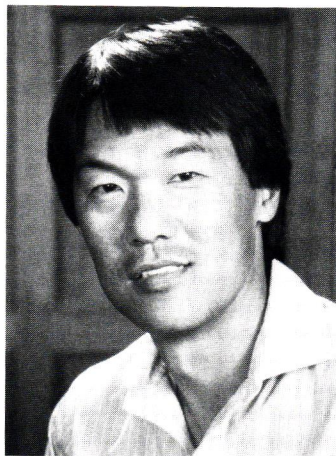
Three promotions were recently announced by Media Five Limited. **Kunio Hayashi**, manager of the firm's Graphic Design Department and design director for Two-Dimensional Design, has been named a Senior Associate.

Hayashi has been responsible for such award-winning projects as the Hawaii Maritime Center visual identity, *Kanyaku Imin* book design, the Kahala Mall environmental graphics, the KWSK corporate brochure, and Media Five's own corporate brochure which has won numerous local and national design awards.

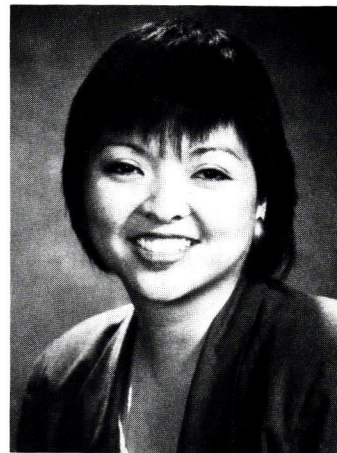
Appointed as new Associates were **Warren Hananoki**, AIA, and **Jan Yamamoto**. Hananoki is a project architect whose works have included the Gentry Pacific

Center, the Torpedo Preparation Facility at Pearl Harbor and the Pearl City Post Office. He is currently working on the UH-Hilo student housing design.

Yamamoto is an interior designer with past experience on



Warren Hananoki



Jan Yamamoto

such projects as the Kuilima Development Corporation offices, Tokyu Travel America and the Otaheite clothing store at Ala Moana Shopping Center. Her current projects include the Pali Momi Medical Center and the Sheraton Kauai Hotel.

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New Architects Welcomed on Maui

On Maui recently, **Gregory A. Bayless** and **Jon Toda** of the firm Gima, Yoshimori & Associates, AIA, Inc. became registered architects. They completed the National Council of Architectural Registration Board's (NCARB) four-day, nine-division examination in Hawaii.

Bayless has been with Gima, Yoshimori since September 1986. He is a graduate of Brigham Young University, and holds a Master of Architecture degree from Arizona State University. In 1986, Bayless won the AIA Award for Design Excellence, Central Arizona Chapter.

Toda started with the firm in 1984, and became an associate in 1986. He received a B.A. in Environmental Design from the University of Colorado. Toda is the firm's manager of Computer-

Aided Design (CAD). He is also a graduate of Maui High School.

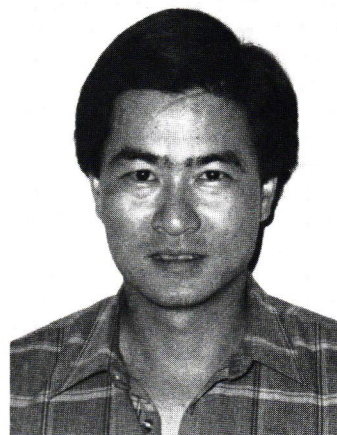
Both architects are members of

the AIA and Planners, Architects and Landscape Architects of Maui (PALM).

Name Change for AIA Firm

Duane L. Cobeen, president of the firm of Duane L. Cobeen & Associates, Architects, AIA, recently announced a change in the firm's name to Cobeen Tsuchida & Associates, Inc., Architects, AIA. With the firm's name change, **David T. Tsuchida**, AIA, was promoted from associate to principal.

Tsuchida graduated from the UH-Manoa School of Architecture. He served as a member of the HS/AIA Education Committee with the Architects in School program.



David T. Tsuchida

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The law firm of Bays, Deaver, Hiatt, Kawachika & Lezak, concentrating on real estate, business law, civil litigation and arbitration, is pleased to announce that

Crystal K. Rose

has become a partner of the firm. Ms. Rose will continue to concentrate on construction, insurance and commercial litigation and arbitration.

The firm is also pleased to announce that

Michael J. Sample

formerly with Cades Schutte Fleming & Wright, has joined the firm. Mr. Sample will continue to concentrate on real estate, finance and business law.

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Yamamoto Promoted to Associate

Darryl Yamamoto was recently promoted to associate of the firm Stringer Tusher & Associates, Ltd., AIA (STA).



Darryl Yamamoto

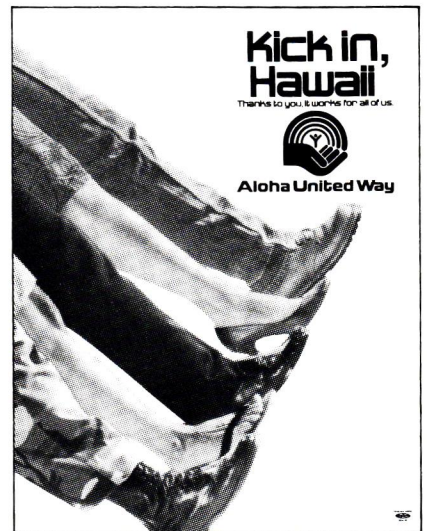
In his four years with STA, Yamamoto has been involved

with redesign of the Punahou President's residence (1987 AIA Design Award Winner featured in *Hawaii Architect*, December 1987 issue), the Outrigger West Hotel and the Reef Hotel. He is in charge of the design team for renovation of the Outrigger Hotels presently undergoing extensive renovation.

Yamamoto has also been a major contributor to the design of the current Hawaii Convention Park Council, convention center concept for the State of Hawaii, and the Palm Desert Convention Facility in California. Currently, he is project designer for the city's new affordable housing project at River Street and Nimitz Highway in Honolulu. He has been recognized by the firm for his outstanding architectural-

illustration abilities.

Yamamoto is a graduate of the University of Hawaii School of Architecture where he served as teaching assistant and designer for the University of Hawaii Foundation.



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Group 70 Adds to Professional Staff

Norma Scott, June Fukushima-Lee and Ann Theiss have joined the interiors division of Group 70 architects, planners and interior designers.

Scott attended Jarvis Collegiate Institute and the Pyerson Institute of Technology in Toronto, Canada, and earned a bachelor's degree in Environmental Design from the University of Hawaii. She previously served as projects manager for Media Five.

Fukushima-Lee holds a Bachelor of Science degree in Design from UH-Manoa. She was previously associated with Charles Black Associates.

Theiss has a Master of Architecture from the University of Oregon. She received her bachelor's degree from Smith College. Prior to joining Group 70, she was associated with architectural firms in Portland, Oregon as both staff and independent consultant.

Recently joining the professional staff of Group 70 were **Dean Kitamura** and **Sonny Pabo**.

Kitamura is from Honolulu and studied at the University of Hawaii where he received his Bachelor of Fine Arts degree. He was previously associated with Media Five. Pabo, a native of the

Philippines, moved to Hawaii in 1966. He holds a bachelor's degree from Manila's Far Eastern University's School of Architecture.

Norman G.Y. Hong, AIA, managing partner at Group 70 said, "Our firm is presently

managing a design portfolio whose construction value exceeds \$350 million. These additions to our professional staff will enable our 50-person staff to better serve our resort, commercial and residential community development areas."



Single-Ply Roofing Quiz

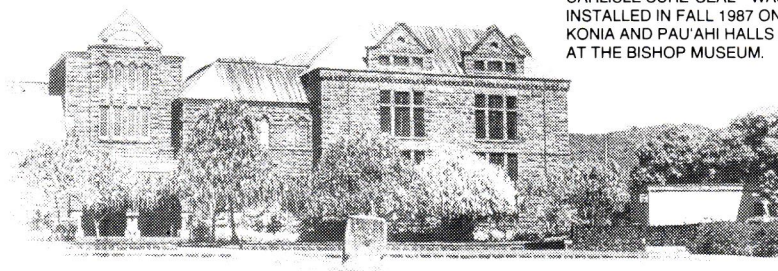
Q: Single-Ply roofing. What's happening in Hawaii?

A: A LOT. For instance • Rubber roofing is being specified by perhaps two dozen Honolulu A & E offices. The EPDM type is the strong favorite due to its 25-year tropical track record. • The new DAGS guidelines for state reroofing projects call for single-ply on low slope roofs with ponding. BUR and modified bitumen is acceptable for higher slope roofs. • The price gap is narrowing. Mechanically fastened Carlisle BRITE-PLY® can be competitive with BUR, especially in wet locations.

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Fiber Cement Products for Building

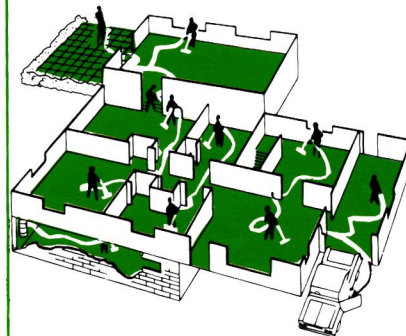
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Visual Concepts for Honolulu Waterfront

(continued from page 22)

A brief description of each team's concept is as follows:

The Don Goo Team — Don's team emphasized a strong commercial/office use. This Pacific Gateway concept features a grand waterway system as its urban form, anchored with the creation of a futuristic Pacific Ocean Center. The Ocean Center is dramatized with ocean and energy-related exhibits, research facilities and underwater routes. Modern architectural forms soar above the Kakaako peninsula with pedestrian activities occurring in a vast park-like setting.

The Ty Sutton Team — Ty's team focused on a residential concept. Known as *Noho Kai* (Living by the Sea), the concept is characterized by both a new shoreline configuration and a low skyline to define its urban residential form. The terracing residential forms, a tapestry of people-oriented activity and a conscious link to the working harbor, highlight two variations of the *Noho Kai* concept.

The Lew Ingleson Team — Lew's team's concept, known as the Gathering Place, took on the



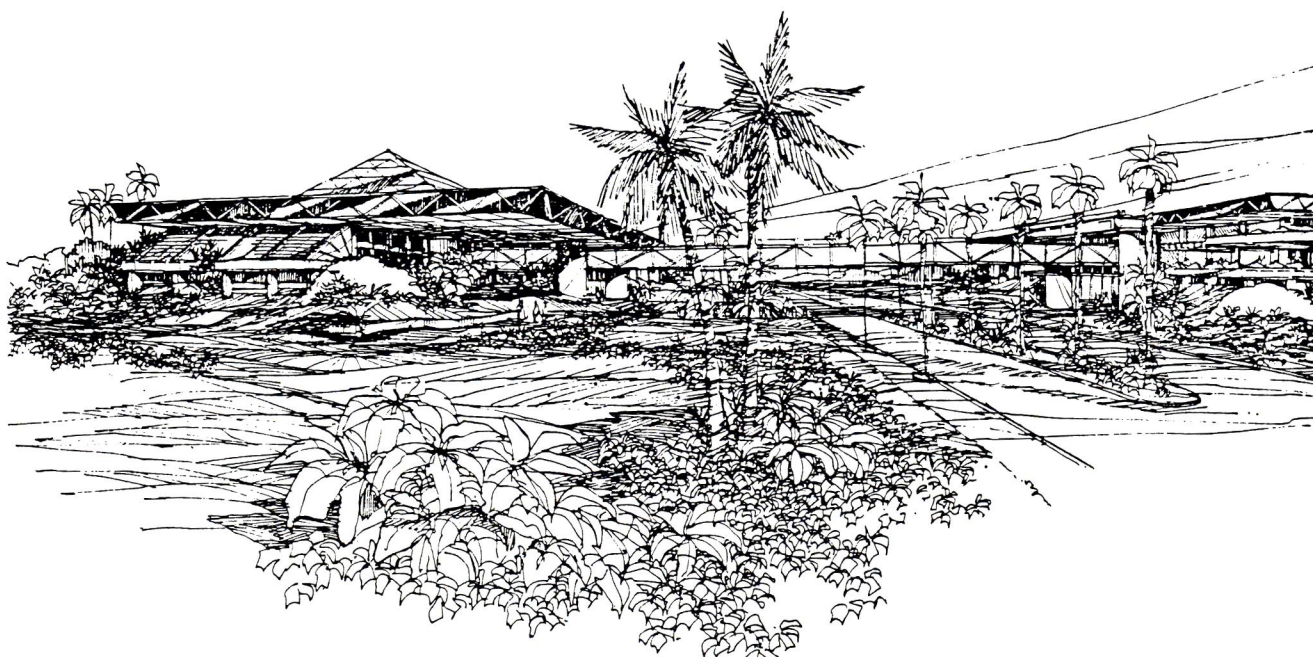
From Sand Island Park, children watch as ships dock near the Aloha Tower landmark. The development of the Honolulu waterfront is the focus of the recent briefing sessions. Photo by Robert M. Crone

calling for a convention center at Fort Armstrong. This Pacific Exposition is buttressed with two hotels, a cultural campus of museums and exhibits, a Festival Marketplace, an ocean center and aquarium within a 60-acre park and shoreline promenade setting.

These plans were not prepared for competitive purposes but are

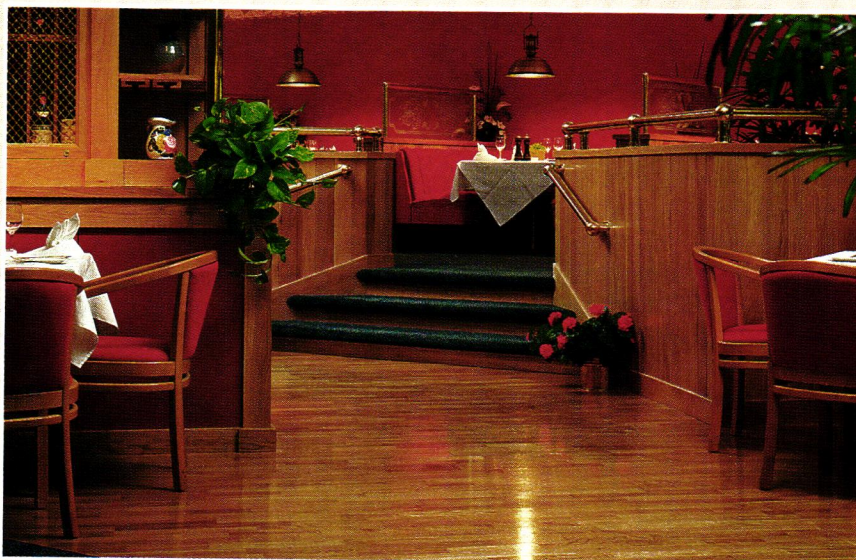
instead meant to illustrate a wide range of visual images that may catapult Honolulu into the great city and urban waterfront of the 21st century. **HA**

Michael S. Chu is a planner and landscape architect. He is currently a member of the Hawaii Architect steering committee and is the editor of the Honolulu Waterfront Reawakening report.



A sketch of a Convention Center as developed in the "Gathering Place" concept, with Lew Ingleson as team leader.

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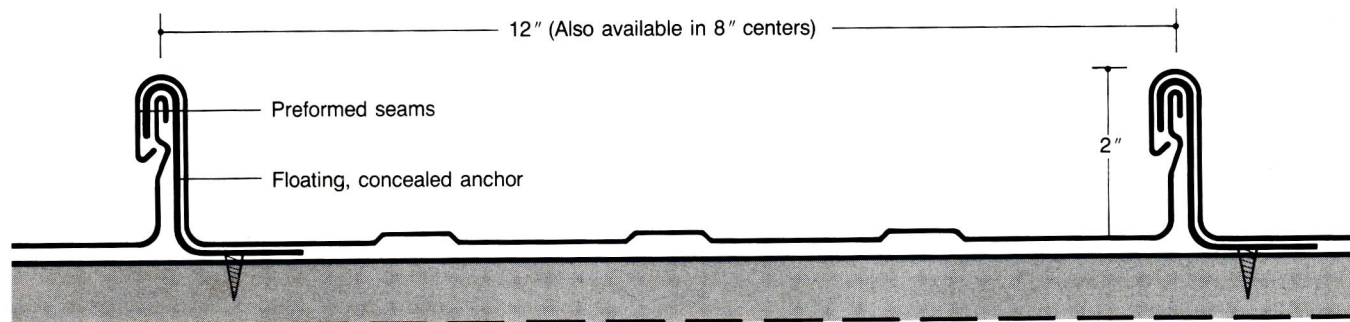
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