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Cover: The executive offices of The Myers Corporation, a 1988 HS/AIA Design Award winner for architects The Gulstrom Kosko Group, are reached through a gallery with vaulted ceiling, accenting a simple yet elegant floral display. Photo by David Franzen

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September 1988 Hawaii Architect 5
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

Takeshi Niino,
Director/GM—Nitto Hawaii Co., Ltd.

Akira Kawabata
AIA

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President's Message

A Month of Renewal

by Norman G.Y. Hong, AIA

September is for many of us a month of renewal... a time to assess where we've been and what's still needed as we leave summer behind, send our youngsters back to the classroom and look ahead to the year's last quarter.

Webster defines the word "renew" in terms of "restoring to freshness, vigor, perfection or strength" and "making new spiritually." In my mind, such acts require personal commitment from many to effect — and it is this matter which I wish to address.

Our Hawaii Society/AIA today is at an important juncture. We are hosting the Northwest Pacific Regional Conference in Kona next month, and will need the proverbial "all hands on deck" to make sure our program and hospitality are first class.

In November, at our annual meeting, we will formally address the matter of our Society's restructuring. For this we need to ask ourselves:

"What should be our Society's professional posture? As we grow larger and larger, how can we continue to be in touch with one another? How will the restructuring answer these and a multitude of other questions facing our Society as we approach the coming years?"

Further, our new Honolulu office will soon be dedicated, inviting grand meeting opportunities and a stable headquarters for the next decade. And finally, this is a transitional time for us in selecting new committee chairs and members for next year.

What does this mean to you, the individual member? In a nutshell, it means that your Society needs you — your ideas, opinions, time — your committed response to these events and issues that are emerging.

Though much of the planning and particulars of the convention are already in place, we need your presence and hospitality as we greet and hopefully impress our mainland peers. We need your mindful review of the proposed restructuring of our organization and your physical participation in the forthcoming vote. And we need your ongoing service to make our Society stronger.

So please, join your colleagues as your conscience and commitment permit. I am confident it will be an investment from which you'll derive professional and personal benefit.
With the vertical blinds pulled to avoid distracting light from outside, the office landscape of The Gas Company provides a multilevel environment with panels acting as organizers. Photo by David Franzen

Office Design

Well Designed Workplaces: A Good Investment

by Joseph Ferraro, AIA

There is more happening this year in office design than in the last six years. Building owners and employers are making major financial commitments to good design, facilities management and computers, computers, computers.

More employers are investing in well-designed space in response to a variety of needs and pressures. One reason is the increased availability of sophisticated flexible furniture systems in our market which require the services of professionals to provide space plans and sort and keep track of the pieces.

Employers seem more willing to commit dollars to design at this time, possibly because of the current favorable economy and they recognize the value of retaining talented people. In what's become a highly competitive market for employees an enhanced workplace with more amenities is a justifiable expense.

This need for a better working environment has warranted studies of in-house lounges, fitness centers and, if current trends continue, day care centers within the corporate office complex.

Some companies are considering relocating to the outskirts of town where land costs are lower and parking more readily available. Older industrial facilities are awaiting renovation to office campuses tailored to the user.

Another active area is the creation and expansion of the role of the facilities manager in larger companies. HMSA and Hawaiian Electric Company, for instance, have placed increasing emphasis on the role of these key staff members in an effort to meet
In what's become a highly competitive market for employees, an enhanced workplace with more amenities is a justifiable expense.

their companies' rapidly changing facilities needs.

According to Pauline Bailey, manager of Administrative Services at Pacific Resources Inc., "A facilities manager can be responsible for large capital expenditures, office automation, productivity and translating business plans into facilities plans."

As architects, we find office planning projects are expedited and the final product is enhanced when working directly with these knowledgeable clients.

In the area of computer application, we are seeing companies connecting microcomputers on a local area network.

This networking of today's faster and smaller machines raises communication levels in the office and makes adjacency requirements easier to meet by the designer. The need for the mainframe is diminished, thereby reducing costs and enhancing flexibility.

According to Les Iczkovitz of Unified Micro Solutions, "Companies are moving away from single user machines toward local area networks. "People in the office do work together and have a definite need to share expensive peripheral devices like plotters and laser printers," Iczkovitz said.

Intraoffice communication and productivity are greatly enhanced by such "connectivity" because it enables people to send messages and documents electronically rather than by running down hallways.

All these factors have impact on the design and function of Hawaii's 1988 office environment. Square footage is effected, communication between client and designer is enhanced and office occupants share a new level of comfort. HA

Joseph Ferraro is partner of Ferraro Choi And Associates Ltd., an interior architecture, design and research firm.

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Spacious Dual Channels
Base construction provides plenty of space to serve the needs of the typical office. Communications wiring is shielded from electrical conductors.

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September 1988  Hawaii Architect 9
Technology Leads to Innovation

by John Ida, AIA

Before the late 1950s, most offices were conventionally laid out with small rooms along a double loaded corridor. The top executives occupied offices with windows while the staff was accommodated within windowless rooms or large areas with desks lined in neat rows within vast, unpartitioned spaces. When skillfully designed, conventional offices were attractive and comfortable, while emphasizing order, organization and stability.

In the late 1950s, with the advent of the open office concept, the traditional stereotype of office design was broken. The open plan envisioned offices without partitions, while maintaining office efficiency. Open office planning moved away from the private office as a basic module of office space.

The term “office landscape” was coined, expressing the ideas of the first clearly open offices, marked by the extensive use of indoor plants. It also referred to the highly irregular arrangements of furniture that were characteristic of these first landscaped offices.

Another phrase, developed from the concept of the open office, was “action office.” This phrase resulted from the type of furniture and how the plan was laid out in an irregular pattern.

From this idea came the systems furniture office of the ‘80s. Systems furniture is suitable to the open office, and also is appropriate in conventional office layouts.

In recent years, the changing nature of office work has reduced the many activities that clerical groups once performed. Computers have taken over many tasks, and the desire of the office worker for increased dignity and status has generated an increasing pressure for privacy, or at least an area that an individual can stake out as his own territory.

With changing technological developments due to personal computers and other informational data systems, the office of the ‘80s must be flexible to accommodate change.

Although designers cannot predict future office requirements, offices must be responsive to both human and technological developments or they will be left behind.

Designers need to create offices that are flexible and adaptable to changes in lighting, power, sound

The work areas at Urban Works’ new architectural office were designed to provide a sense of individual privacy while maintaining group coordination.
and signal wiring, acoustics, air conditioning and systems furniture. In consideration of human comfort, designers also should be concerned with space, color and materials.

All of what has been mentioned falls within the interior design realm. As architects become interested in developing a total office environment, they must make the space enjoyable to the human senses.

Lately, designers are using lighting technology to modulate and dramatize space, color and materials. Office designs are generally more conservative than retail and residential work. Office designers attempt to visually downplay the technology within the work spaces. Lobbies are the areas where most of the splashiness of the 1980s office has been created.

As with exterior architecture, interior architecture follows the (continued)

The lobby of Urban Works' office offers the most dramatic design solution, combining the disparate structural parts of the former warehouse with an orderly modern design.
As architects become interested in developing a total office environment, they must make the space enjoyable to the human senses.

trend currently in vogue. Neomodernism and historicism have dominated in the recent past. Currently some designers have discovered deconstructivism, which is both anti-modernist and anti-historical.

Deconstructivism is a tendency that is notably present in the works of Frank Gehry, Peter Eisenman, Bernard Tschumi and Morphosis. It is difficult to categorize, but described by rotated grids, skewed walls and framing, fragmentation and suggestions of disintegration.

The office of Urban Works, Inc. is neither overtly dependent upon postmodern nor modernist tendencies, although it aligns itself with modernism and flirts with deconstructivism.

As clients for their own architectural office, the designers were painfully aware of budget, yet wished to respond to all the requirements of lighting, power, sound/signal wiring, acoustics, air conditioning and furniture systems.

The problem was to adapt an existing warehouse loft space of approximately 2,100 square feet into an architectural office. The existing space was stripped with the exception of the existing corrugated roof, exterior walls and storefront, sprinkler system, steel column and trusses.

The design needed to be flexible and straightforward, yet interesting. The basic concept was to recognize that the space was formerly a warehouse and not to hide the sometimes disparate structural parts of the space.

The underside of the roof was sprayed with insulation for acoustical and heat reduction reasons. Lighting was kept simple but designed to give the appearance of a residence in the lobby and conference room. This was achieved by using incandescent fixtures in these areas and keeping the commercial fluorescents in the work area.

The foyer opens into the
reception, waiting and exhibition spaces, revealing the volume of
the original loft. The contrast of
the somewhat chaotic steel
diagonals with the ordered walls
and casework below highlights
the drama of the entry.
The conference room is totally
enclosed, separated from the
foyer by a wall of glass block.
Beyond the more formal client
spaces are the open loft spaces
that contain three principals’
work stations and 18 staff
stations with individual task
lights.
The modules are arranged for
flexibility for project coordination
while providing individual
privacy.
The power and
telecommunication wiring run in
a trough that connects all
stations. The perimeter modules
are connected by a perimeter
loop.
Lighting in the work area is
flexible enough to allow lighting
levels for human and VDT
comfort. Air conditioning was
designed to accommodate future
changes.
A mezzanine over the ancillary
spaces was designed for future
storage or additional work
stations.
Overall, the various spaces
were created for the human
comfort of the occupants. As
designers, we must design with
people in mind and create an
environment in which individuals
feel they are part of a team.
The space and its surroundings
must clearly convey that “each
person who works here is
important.” The space also must
reveal to visitors that those who
work there are concerned with
good design which is apparent in
the design of the office.
As more and more office
buildings are built, office design
will assume a larger percentage of
the work load for space planners,
interior designers and
architects.  
John Ida is president of Urban Works,
Inc.
AIA Making a Move

by Henry E. Reese, AIA

How often does an architect have the opportunity to write about his client in his client’s own monthly journal?

The story starts with the sale of the Wing Wo Tai Building at 923 Nuuanu Ave. to First American Title Company, who desired to occupy the entire building. The AIA, faced with a rent increase, decided to find new offices.

In May 1988, Lee Mason, HS/AIA executive vice president, reached a settlement with the Wing Wo Tai landlord, and an exceptionally favorable lease was negotiated with our new landlord for office space at 1128 Nuuanu Ave.

Architect/engineer selections were based on availability, low fee and the inability to say no.

So, the fun began. First, I changed all previously presented schemes, set new budgets and requested fee increases.

My solution to the budget problem was to increase dues. That idea was rejected immediately. Instead, the push was on to lower construction costs.

I insisted the construction portion of the project be negotiated with one contractor to save time and hopefully control costs. Bob Banner, general contractor, was selected, for many of the same reasons as the architect. Work began quickly.

The design developed around a simple program of making all AIA members happy. Thanks to Mason, the project will be completed without any added cost to the membership. No AIA Society operating funds will be used in making this change to the office.

Because of the extremely limited construction budget, the design emphasis was to keep everything basic and simple. The ground floor space of 2,234 square feet has 55 lineal feet of street exposure to a delightful old section of downtown Honolulu.

The ability for visual contact remained an important consideration in the design. Mason receives the best spot for internal traffic control.

Victoria Wong, receptionist, is still up front, but now she’s in the central part of the activity for better control. Executive secretary Beverly McKeague’s space is flexible. It is located to the side and can be semiprivate but still help control the circulation.

The membership meets in the back. The space is flexible, with the ability to spill out into the circulation area when required. There’s also room for future staff expansion, if needed.

A newly added facility to the office space is an Architectural Bookstore for members and public use. This space can be separated from the AIA space at a
Q: Pardon the dumb question, but why color the concrete?
A: Because ordinary gray concrete is just that. Ordinary. By adding integral color - not simply paint - you are able to set your project apart from neighboring ones in a subtle or vibrant, permanent way. There's a rainbow of colors waiting for you.

Q: Yes, but isn't that an expensive way to add color?
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Computer Versatility

Computerizing the Design Process

by Jon Toda, AIA

One of the most important questions facing architects as we prepare to enter the 1990s is how technology and computers will impact the way we work.

Computer Aided Design (CAD) has grown from being a novelty affordable only to the largest of design firms to a serious design and production tool for even the smallest of firms. PC or desktop CAD has finally enabled CAD to become productive at an attractive price level. Now just about anyone can afford CAD, including our consultants and progressive thinking clients.

By now most of us are aware of the obvious advantages CAD provides over traditional manual drafting. Producing drawings with CAD can improve the quality of our work and documents with consistency and accuracy of text and linework. Productivity can be increased, enabling tighter schedules to be met and allowing smaller firms to become more competitive with larger firms on larger or more complex projects.

CAD enables a firm to leverage information and amplify the skills of its personnel. Using a CAD station like an expensive drafting machine produces clean and professional-looking drawings, but bypasses the greatest advantages CAD has to offer.

To reap the greatest benefits, we use CAD as early as possible in the design process rather than as strictly a drafting tool. It may be quicker to sketch a bubble diagram on a scrap of paper, but as soon as anything must be drawn to scale, we must start designing on the computer. This minimizes the repetitive nature of traditional methods.

Try pulling out an old design file and count how many times the same site plan or floor plan had to be redrawn. In an automated process, a designer starts the design on a CAD system and then passes the database to a CAD draftsman, who adds the necessary information to convert schematic plans into construction documents. As CAD software becomes more sophisticated, expect to see this database include more and more information related to the project rather than just lines and dimensions.

After schematic design most of the design development drawings already have been laid out. Likewise, after design development, a significant portion of the construction documents is already completed. Because of this, the traditional percentage of budget allocated to these design phases needs to be re-evaluated as more time is shifted from the later phases to earlier ones.

This actually improves the service we provide clients. Architects are hired to take a problem — a set of requirements or "program" — and synthesize this information into a solution, which is the design. The drawings we then produce are a graphic description of the solution. Clients are not hiring
CAD drawings for a proposed fire station in Kahului, Maui, using the AutoSHADE software package. What is reproduced here is exactly what appears on the computer screen.
architects merely as a drafting service.

It is fitting, therefore, for a larger portion of the client's budget to be spent in solving the problem itself, rather than in explaining the solution in graphical form. Since the earliest decisions made have the biggest impact on the project, the value of improving the quality of these decisions cannot be overlooked.

CAD impacts the design process by requiring the user to be organized and plan ahead every step of the way. Failure to do so can easily result in chaos or near disaster. Standards and procedures need to be discussed before the project begins. Because of the precision and accuracy of the computer, design decisions need to be made earlier, both by the design team and the client. We have found this to be an advantage rather than a disadvantage.

For a project manager, CAD can be a dream or a nightmare, depending on how well the process is understood and utilized. In a manually produced set of drawings, the project manager can walk around the office and observe the progress of the project.

With CAD, the latest drawings are not produced in hard copy form until they are plotted out. Plotting can become the bottleneck in getting projects out the door and needs to be adequately planned for. Until every project team member has his own CAD station, all computer resources need to be budgeted. Managers have to request not only staffing, but workstations for the coming week.

CAD changes our product by making it less labor-intensive but more capital-intensive. Hardware, software, training and system maintenance are new costs previously not a part of traditional office budgets. These costs should be considered in calculating operating expenses and fees. Because the indirect costs of operating CAD are difficult to quantify, value pricing rather than time and material contracts are recommended whenever possible.

To the client, the obvious question is "How do I benefit from this new technology?" The answer is that technology is helping us to improve the quality of our services and offer a better product for the same fee.

CAD enables us to explore more design options, leading to better designs and projects. We emphasize quality over speed, but for many clients meeting the "we need it yesterday" schedule is what makes CAD attractive.

As clients become more sophisticated, many will prefer, if not require, architects to use CAD on their projects. This is already taking place in many areas on the mainland. In fact, some clients use CAD in-house themselves and require architects

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to submit data disks as well as final drawings. Many architectural firms are taking advantage of the acquired database compiled during the design process to increase their scope of work to include facilities management and other services.

Perhaps the most exciting capability CAD brings to architects is in the area of three dimensional design and visualization. Recent developments in 3-D software now enable architects to design, visualize and present designs on the computer cost-effectively. Three-dimensional computer models enable the designer to make quick analyses and design decisions difficult to make with traditional methods or cardboard models.

In the future we can expect to see more affordable software that adds the fourth dimension of time to presentations, enabling the designer to create animated walk-throughs simulating the actual experience of moving through and around the finished project in real time. Consider the value and impression this would give any client.

We as architects need to look toward the future in deciding the paths we take today. Computer Aided Design has proven it is here to stay. Its influence in our industry is increasing by leaps and bounds. Preparing for the changes to come can be painless if we see them coming from a distance.

But in spite of all the changes, it is reassuring to know that good hardware and software do not produce good designs — good designers do. It is ultimately good management and staff that will decide our success or failure in the future, regardless of what the tools of the trade may be. **HA**

Jon Toda, AIA, is an associate with Gima, Yoshimori & Associates, AIA, Inc. on Maui and manager of Computer Aided Design for the firm. He recently attended the A/E/C Systems computer conference in Chicago.
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Computer Versatility

CAD: An Indispensable Tool

by Gregory D. Kosky

 Architects trying to keep abreast of the latest developments in their field have encountered innumerable articles about the increased productivity provided by Computer-Aided-Design & Drafting (CAD). As a CAD dealer I feel strongly that CAD represents an indispensable tool for architectural design and drafting.

Many busy professionals feel caught in a “Catch-22” situation. A CAD system offers a way to save a great deal of time, but not in the short term. Many who would benefit most from CAD say they cannot invest the time to learn how to use it. However, a view toward the future suggests now is the best time.

Architects with and without CAD systems have prospered over the past few years. However, there are signs that this strong demand for architectural services will not continue indefinitely. A recession would likely mean survival of the fittest, making the competitive edge provided by CAD critical.

One of the most common concerns of those considering CAD is fear of obsolescence. Change is a fact of life in the computer business. If you buy your system after your competitor does, chances are that you will pay less for greater performance.

However, your competitor has Proposal for a resort community center in Japan by Chapman Desai Sakata, Inc. Images were generated in-house on Sigma Design’s ARRIS System.
one critical advantage that cannot be overcome by more advanced hardware — more time on the learning curve. The longer you wait, the greater your disadvantage.

For any given task, CAD systems are becoming easier to learn and use. On the other hand, the complexity and sophistication of the software is increasing as systems are applied to new tasks such as three-dimensional modeling, rendering, bill of
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materials, etc. If you delay, you run the risk of being overwhelmed by the sheer volume of information that must be assimilated all at once.

Another benefit is a marketing edge. CAD expertise can be used to demonstrate your firm's technical competence and sensitivity to a client's requirements and cost constraints.

A CAD capability is a prerequisite for an increasing number of jobs. This trend will continue as systems "go on-line" for the State of Hawaii, county governments, utilities, hospitals and large companies. The "networking" exclusive to CAD-capable firms is inevitable as those firms seek to assemble project teams with skills that complement their own.

The shortage of qualified designers and drafters highlights another reason to invest in CAD — the need to attract and keep the best staff. Most universities and even some high schools (e.g., Kamehameha Schools) offer CAD training as a standard part of design/drafting curriculums. Graduates are not likely to seek positions with a firm they judge as "old-fashioned."

Predictions of a CAD workstation on every desk are becoming a reality. Most firms have started with one or two workstations shared by many part-time operators. The most advanced CAD users now provide workstations on a one-on-one basis in the individual's personal workspace.

Successful CAD users have several characteristics in common. By the same token, those who have been unsuccessful have succumbed to a common set of pitfalls. Following are some of the lessons and proven management strategies that we and our clients have learned.

There are three major requirements for successfully implementing a CAD system.

Selecting the right system for your needs is obviously important, as well as selecting the right CAD dealer to assist you. However, the most important factor is a genuine commitment from top management.

A CAD system is simply a tool — an electronic pen substitute for the traditional pen and paper. This definition is important to keep in mind when overwhelmed by the seeming complexity of the system.

Like the people you supervise, this tool is an asset which must be properly managed to get the most from your investment. Although the cost of a system is certainly not trivial, the potential returns in increased productivity can vastly increase the value of this asset.

The first step is to assign a "CAD Manager." Depending on the size of the firm, this may be a new position or a new responsibility for an existing
partner or manager.

Preferably this individual will have some prior CAD experience. Design and/or drafting experience is an absolute must, as is familiarity with the organization and practices of the firm. Lacking a person with experience, select someone with enthusiasm and a desire to learn, by far the most important prerequisites for success as a CAD manager or operator.

Previous computer experience is not a requirement. In fact, some of the characteristics that make a good “hacker” (programmer) — a fanatical attention to detail, the ability or need to work independently, etc. — can tend to make a poor CAD manager.

Since one of this individual’s major tasks will be to educate others, patience, a helpful attitude, and other attributes of a good teacher are important qualifications. Also important are the leadership and communication skills that are desirable for any manager.

Because organization is critical to successful implementation of a CAD system, the CAD manager should be well organized and a self-starter.

A CAD capability is becoming a prerequisite for an increasing number of jobs.

The same basic criteria apply for selection of CAD operators. Basic drafting skills are a must, combined with an eagerness to try something new. The CAD Operator position should not be a “dead-end” in terms of career path. The same enthusiastic designers who were the first to master the new system will quickly become disillusioned with CAD if their role becomes one of marking up a set of red-lined drawings.

While most firms now use CAD primarily for production, using CAD as a design tool can prove even more effective. Boosting the productivity of a top designer offers a far greater return than automating an entry-level drafter.

CAD is too large an investment to scrimp on adequate training. Training can save weeks or months of start-up time re-inventing the wheel.

Who should be trained? Everyone, although not to the same degree. Principals must understand the basics if they are to effectively apply and manage this new tool.

One of the most effective strategies is to initially provide

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intensive training for a small group and assign them as instructors for an ongoing, in-house training program. CAD novices must be allowed time to experiment with the system.

Applying new CAD skills to a real project is an invaluable learning experience, but only if deadlines are not pressing. The first project may take twice as long using CAD as it would manually.

Many of the more experienced CAD users have customized their CAD software. Without exception, these users report that tailoring the system to their specific requirements has provided significant productivity gains. Encouraging CAD users willing to undertake this task by providing the time and advanced training necessary is a worthwhile investment.

Bear in mind that there is a "seller's market" for CAD managers and operators. As a principal you cannot afford to become too dependent on a single on-staff "CAD expert." The idea is not to create a separate CAD department isolated from the rest of the firm, but to gradually propagate CAD skills throughout your organization.

Once drafters are trained as CAD operators they are worth more money and are more difficult to replace. Competition among employers for people with these skills exists and will likely intensify. An employment agreement may be advisable to clarify the expectations of all parties.

Successful CAD users will tell you that it wasn't easy in the beginning. However, they will also tell you that it's hard to conceive of doing certain tasks today without a CAD system. HA

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Greg Kosky is president of Spec Systems Corporation, a Honolulu-based CAD dealer offering software, hardware and support.
New Associates Named at WWAT&G

Wimberly Whisenand Allison Tong & Goo Architects, Ltd. recently announced the election of Eugene Watanabe to senior associate and Charles Wallace and Robert Yoneoka to associates in the firm's architectural division.

Watanabe joined WWAT&G in 1977 as project architect and was advanced to associate in 1986. He has held a significant position on numerous projects.

A Hawaii Society/AIA member, he holds a degree in architecture from the University of Hawaii.

Wallace joined WWAT&G in 1987 as a project architect and CAD specialist. He has presented conceptual designs for various land development undertakings. He is a member of HS/AIA and is certified by the National Council of Architectural Registration Boards.

Joining WWAT&G in 1987 as an intermediate designer, Yoneoka, who previously worked for several design firms, is currently a project designer. During studies at the University of Hawaii, he received student AIA honors in architectural design and rendering, interior residence design and color theory. He is an HS/AIA member.

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Eugene Watanabe
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Robert Yoneoka
Media Five Announces Associate Promotions

Media Five Limited recently announced the promotion of Jan P. Keyser, Peggy Ellen E. Kusano

Engineering Association Selects Officers

The Engineering Association of Hawaii recently selected its officers for 1988-89. They include President, Mary Ellen Nordyke-Grace; 1st Vice President, Wallace Lane; 2nd Vice President, William Atkinson, Jr.; Directors Wallace Johnston, Damon Runyon, Peter Burk, Jr. and Patrick Sullivan; and Past President, Masanobu Fujioka.

and James A. Osika to associates. Keyser joined the organization in 1987 as an interior designer and project manager. With more than 23 years experience, Keyser was previously a principal in a Honolulu interior design firm and a director of architectural interior design in Seattle prior to his employment at Media Five.

Kusano rejoined Media Five as marketing department manager in 1986. Her responsibilities include planning, budgeting and communications.

Osika has served as Media Five's project director and strategic design director since 1985. He received two Awards of Merit from the Honolulu Advertising Federation in 1988 for the logotype identity for St. Andrew's Priory and the packaging for Aloha Coolers.

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September 1988 Hawaii Architect 29
New Members

HS/AIA Welcomes Numerous Newcomers

The Hawaii Society/AIA recently welcomed several new members.

Rollin W.Y. Mau, who holds a Bachelor of Fine Arts in Architecture from the University of Hawaii, recently began working for the U.S. Navy at Pearl Harbor Facilities Planning Branch. He enjoys carpentry and tennis. He and his wife Christine have a daughter, Nicole.

New member Roberto B. Yumol, with the firm Architects Hawaii Ltd. has a Bachelor of Science in Architecture and a Master of Landscape Architecture from Mapua Institute of Technology, Manila, Philippines. He jogs, sketches, plays tennis, basketball and chess and collects stamps and classic miniature cars.

Yumol and his wife Cynthia have a son, Robert Josef.

Jeffrey Y. Mori was educated at the University of Southern California and has a bachelor's degree in Architecture. He is with the firm Arthur Y. Mori & Associates Inc. and enjoys photography, bicycling, fishing and diving.

New member Albert T. Murakami holds a Bachelor of Architecture from the University of Arizona. He is employed by Lacayo Architects and is married to Julie Cone. His interests include writing, illustrating and jogging.

Henry Chang earned bachelor's degrees in Fine Arts and Architecture from Rhode Island School of Design and a Master of Science in Architecture and Building from Columbia University. He is with Sam Chang Architect & Associates Inc. and is married to Juliana Chang.

Hamlet Charles Bennett is self-employed in Keauhou on the Big Island. He graduated with honors from Art Center College of Design, Los Angeles with a bachelor's degree in Industrial Design. He and wife Beverly have raised three daughters and a son. Restoring and driving classic cars are among Bennett's hobbies.

Two new members are with AM Partners Inc.

Duane T. Hamada earned bachelor's degrees in Fine Arts and Architecture from the University of Hawaii. In his leisure time he enjoys astronomy, running, music and designing greeting cards.

Gary K. Kawakami also has
UH bachelor’s degrees in Fine Arts and Architecture. He is married to Brigitte T. Bennett. His interests including writing, art, sports and travel.

Several new associate members also recently joined HS/AIA.

Ariel De Jesus of Walter Leong & Associates Inc. attended the Philippine School of Interior Design and holds a Bachelor of Science in Architecture from Far Eastern University. His leisure time is spent drawing, swimming, weightlifting and biking. He is married to Marilou F. De Jesus.

 Associate Linda Aki earned a Bachelor of Art in Architecture at the University of New Mexico. She is employed by TRB/Hawaii Ltd. Her interests include surfing, swimming, hiking and photography. She also works as a city and county beach lifeguard.

Hugh George McKenzie III recently returned to Sutton Candia Partners. He was educated at the University of Hawaii, receiving a bachelor’s degree in Architecture. He enjoys skin diving and is married to Alma McKenzie.

Associate Raymond W.M. Lee attended Honolulu Community College and has an Associate Science degree in Architectural Drafting Technology. He is employed by The CJS Group Architects Ltd. Traveling, photography and sports are among his interests.

Rick Phillips earned a Bachelor of Architecture from the University of Arizona and did post-graduate study in architecture and urban planning at the University of Toronto. His leisure activities include writing, instrumental music, design, print

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making and sketching. Phillips is with Helber Hastert Kimura Planners.

Alvin M. Sakutori, with the Maui firm Gima, Yoshimori & Associates, AIA, Inc., holds an Associates Arts Degree from Los Angeles City College. He and his wife Judith have three children, Anne, Lynn and Jon. In his leisure time he enjoys boating, painting and playing golf.

Associate member Ann Kathryn Yoklavich has a bachelor's degree in Art History from Swarthmore College, Pennsylvania and a Master of Science in Architectural Studies with specialization in historic preservation from the University of Texas, Austin. She enjoys scuba diving and backpacking.

Three new associate members are with Wimberly Whisenand Allison Tong & Goo.

Soh-Hgon Lee Wilson has a Bachelor of Arts in Architecture from the University of California at Berkeley. Her interests include hiking, bicycling and other outdoor activities. She also plays the piano and flute.

Chris Sindiong and his wife, Jane, have four children, Kelsey, Lance, Mary Ann and Kyle. He enjoys playing golf.

Paige Browning has a bachelor's degree in Architecture from the University of Hawaii. She is married to Steve Winkle. Her interests include swimming, painting watercolors and reading mystery novels.

Boone Morrison graduated from Stanford University with a bachelor's degree in Architecture. He and wife Tamara have a son, Tyler and daughter, Janna. He is with Maui Architectural Group Inc. Associate Dennis Y.K. Chen is employed by Urban Works Inc. He holds a Bachelor of Architecture degree from the University of Hawaii.
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Media Five Limited kept the residents' working environment in mind when designing barracks for the 650 unaccompanied and senior enlisted personnel of Field Station Kunia.

The result was a contemporary campus environment, with buildings sited around a landscaped park. This created views and a relationship with the outdoors, and preserved existing mature trees on the site as well.

One of the unique features is convenient access to administrative areas. Mailroom, classrooms and the armory are easily reached by attaching them to the residential units as one-story wings.

The cafeteria is the central gathering place, with a low-rise profile and striking roof line to distinguish it from surrounding buildings. Interior level changes were used to create separate dining areas without blocking exterior views.

The park-like landscape invites residents to enjoy the open air. Trees provide shaded areas for impromptu gatherings, and additional plantings screen parking and service areas from view. As a result, the barracks and dining facility, in counterpoint to an underground work environment, give enlisted personnel a feeling of home and the outdoors.

Media Five Limited designed a campus environment with a central, landscaped park for the Barracks with Dining Facility at Schofield. Photo by David Franzen
JURY COMMENTS:

"In spite of the heavy constraints of typical military projects, the architects were able to provide a very sensitive, functional design solution. The barracks complex is a significant departure from the pre-World War II quad designs. Good site planning, strong sense of campus atmosphere and an 'A+' for retention of all the trees on the site."

CREDITS:

Architect: Media Five Limited
Client: Department of the Army Pacific Ocean Division, Corps of Engineers
Contractor: Harvis Construction Ltd.
Engineers:
Civil: Kennedy/Jenks/Chilton
Structural: Shigemura, Yamamoto, Lau & Associates
Mechanical: Kenneth Thom Associates, Ltd.
Electrical: Bennett & Drane Electrical Engineers, Ltd.
Landscape Architect: Phillips, Brandt, Reddick & Associates
Cost Estimating: Construction Services, Ltd.
Kitchen: George Matsumoto & Associates
The Myers Corporation boardroom provides a showcase for art yet serves as a functioning business and meeting center. Opposite: The main reception area for the offices creates an introductory focus for visitors and serves the utilitarian function of separating the firm’s executive offices from the remaining support staff areas.
The client's goal was to create a spacious and comfortable working environment both for developer Jack E. Myers and corporate and support staff. Gross floor area is approximately 4,000 square feet and the design provides luxury space for up to 12 persons in an area with an occupant load that by building code standards can accommodate 29.

The offices are furnished throughout in black, white, grey and stainless steel with burgundy accents. Visitors entering the main reception area are welcomed at a bow-shaped front desk surrounded by what appears to be metal columns and backed by a polished black granite slab featuring the company logo and framed by glass block. The faux column finishes and several special ceiling effects were created by the Hawkins-Miller Studios.

All furniture and furnishings were chosen to reflect the personality of the developer and to convey the feelings of quality, permanence and elegance. Numerous pieces of art are included as part of a growing corporate acquisition program. A number of modern materials were utilized with special attention given to high quality finishes and deep rich accent colors.

CREDITS:
Architect: The Gulstrom Kosko Group, Inc.
Client: Jack E. Myers
Contractor: Darcey Builders, Incorporated
Engineers:
Mechanical: Syntech, Ltd.
Electrical: Toft Moss Farrow Associates

JURY COMMENTS:
"We were impressed by the very clever and functional design of the floor plan for what could have otherwise been a commonplace solution."
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AutoCAD Upgraded

AutoCAD Release 10, an upgrade of Release 9 featuring 3-D wireframe construction, surface modeling and advanced viewing capabilities, is now available for Apple's Macintosh II users. Engineers and other users of Computer-Aided-Design & Drafting will find the program simple to learn and use.

Release 10 is fully compatible with previous versions of the Autodesk program. An upgrade package is available through Spec Systems Corporation, Honolulu, which also carries PCs, monitors and graphics cards to increase AutoCAD's power.

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