

Ke Kaha Ki'i

Monthly Publication
of the
American
Institute of
Architects

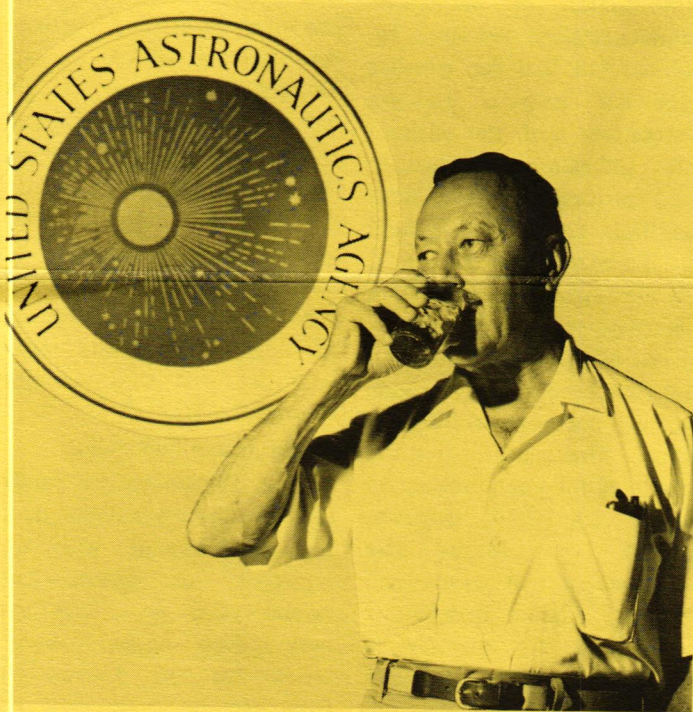


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Ke Kaha Ki'i—A person who draws pictures or petroglyphs



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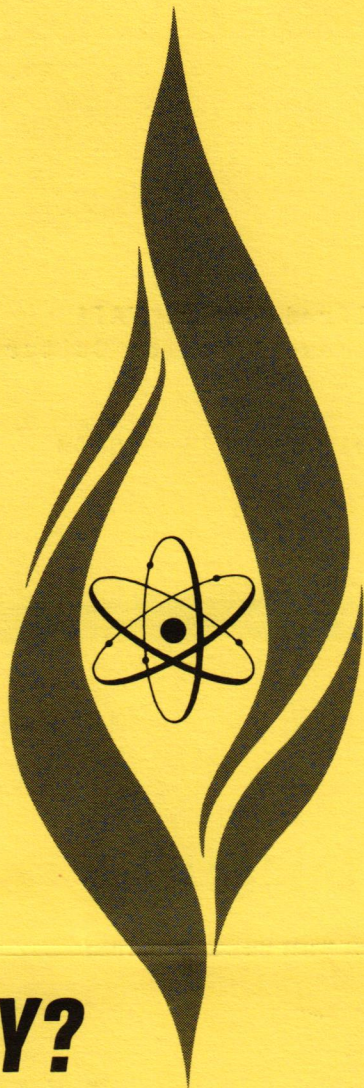
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Now that Apollo 11 has publicly opened the window into U.S. moon exploits one of our most closely guarded secret projects is about to be disclosed to a disbelieving world. Hawaii is in the forefront of this fantastic new era opening to Man, and its citizens have a justifiable right to be proud of the Space Aliis it has already produced.

(Continued on Page 2)



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Your Executive Committee has been living under the suspense of the following knowledge for five months now and really deserves a round of applause for the total lack of security leaks.

The President has seen fit to place his faith and trust in one of our members by appointing him to head up the United States Astronautics Agency (USAA)! Val — take a bow! I know we shall all be proud of the job you'll do for this comprehensive service space organization. May I suggest a toast to your success in this exciting new career.

One of his primary jobs will be to direct the design and construction of permanent habitats on these new lands. He pointed out that Pan Am has already begun taking reservations and the advance sales indicate an immediate need for hospitable destination facilities. In hinting around that I'd be most grateful if he'd slip me a future space job I was electrified to learn that several of our members have received, and have been quietly working on, such commissions for some time. This information is scheduled for public release on August 23, 1969, however, USAA has cleared the following information regarding chapter members. I have tried to interview a representative cross-section of the professions involved to date.

Moon Station 1 has already been established at Lat. 20° N, Long. 158°W, which locates it in the central current of the Sea of Tranquility. I questioned Owen Chock of the O-C joint venture who were the architects selected for Moon Station 1 as to the firms qualifications and he said there were none originally other than their first initial.

When questioned as to how the site was selected. Owen

came up with the following nonchalant reply: "Through the use of fragmentation modules we have zip implanted a great number of electro-thermo-couples into the moon's surface. From these devices our telemetry systems ran the transmitted data through Space Control Makawao and it was learned that the chosen site was blessed with a westward flowing magnetic current and a prevailing northwest solar wind. There conditions were reminiscent of our own Hawaii so we said, "Why Not?"

He lost me along the way but I'll believe it when I see it.

Discussion of their design and production problems got me nowhere as they are to be released by USAA in late December. However, I did glean this much: the structure is basically a hole in the ground with a titanium alloy dis-continuous tension truss system supporting a gold-mylar laminated film roof skin. No elevators are used and steps are 42" high. This is pretty heady stuff for one who just got beyond $M = WL^2 - 8$

Outer space hairstyle...

Dick Dennis got his sandy feet into the space design door through his work with the University of Hawaii. For several years now Dick has been actively engaged in design work for the University's Oceanography Department and at Sea Life Park. He states at this time he is not at liberty to discuss any of his current moon combings along the shores of the Bay of Kawela.

An interesting sidelight of these activities, however, is his new outer space hairstyle which he attributes to USAA's inability to successfully come up with an acceptable barbering system for gravity zero.

It's the only way to fly...

Haydn Phillips had just returned from his third trip

when I cornered him about a suspected bank job. He was extremely evasive with regard to the security measures being designed into the project but had this to say about the trip.

"The fact that I had to take the rocket express to the moon to check site and moon quake conditions for the First Hawaiian Bank's moon branch wasn't any comfort when the two cute rocko stewardesses in their zee stripped space bunny suits started strapping me into the de-acceleration cocoon. I always like when they attach the heart beat meter button to my left nipple. Somehow it always - well, anyway it tickles. Then of course the adjustment of the adrenal needle - as they say, and they always say, 'Preventative heart med is better than no heart beat at all.' Very funny. But then comes the adjustment of the joy blobule, two inches from your mouth (I am a martini man myself), and of course the joy bulb release taped between your thumb and first finger. You always feel



like a trussed chicken. The adjustment of the vom Bag brought on, as it always does, the usual twinge of space sickness. When are they going to invent a pill for that one?

"Suddenly the lights dimmed and the robot pilot's voice could be heard intoning the count-down - 3, 2, 1, 0,



BLAST OFF! Always the same sensation, your stomach seems to sag down to your knees and your head tries to go down where your stomach was. I've never been able to stop my eyes doing the celestial roll although I understand that job athletes take special courses in the centrifical which helps them. Of course, I pressed the joy bulb and tiny globules of martini started to drift under the pull of grave conditions. Of course you stretch your mouth to the joy juice gulp, which as you know, is quite easy in space because of the acceleration. You have to be fast with the joy juice gulp or you miss the martini and it goes

wandering around the cabin where the other cocoon wrapped passengers have the right to try their J.J. gulp on the Globulars as they drift by - quite a game you know. All in all these go-gos in space are not what they are adverped to be but thank Apollo, the whole vieps is reimbursable, although by the time the expense account gets by Don Daly's e-lert eye, he's likely to try to trim off the vouch for the implanted caviar shots and the injected pate de foie gras special mit psycadel dressing. It is too bad that the best and the most is only for bankers. What about the equal value blub, the space architect? Here's to you,

Chapman old top, with a glass of bur-moon scotch-bon."

After listening to him I was convinced that he had beautifully evaded my line of questioning, or was still on his trip.

CONTRACT DIVISION

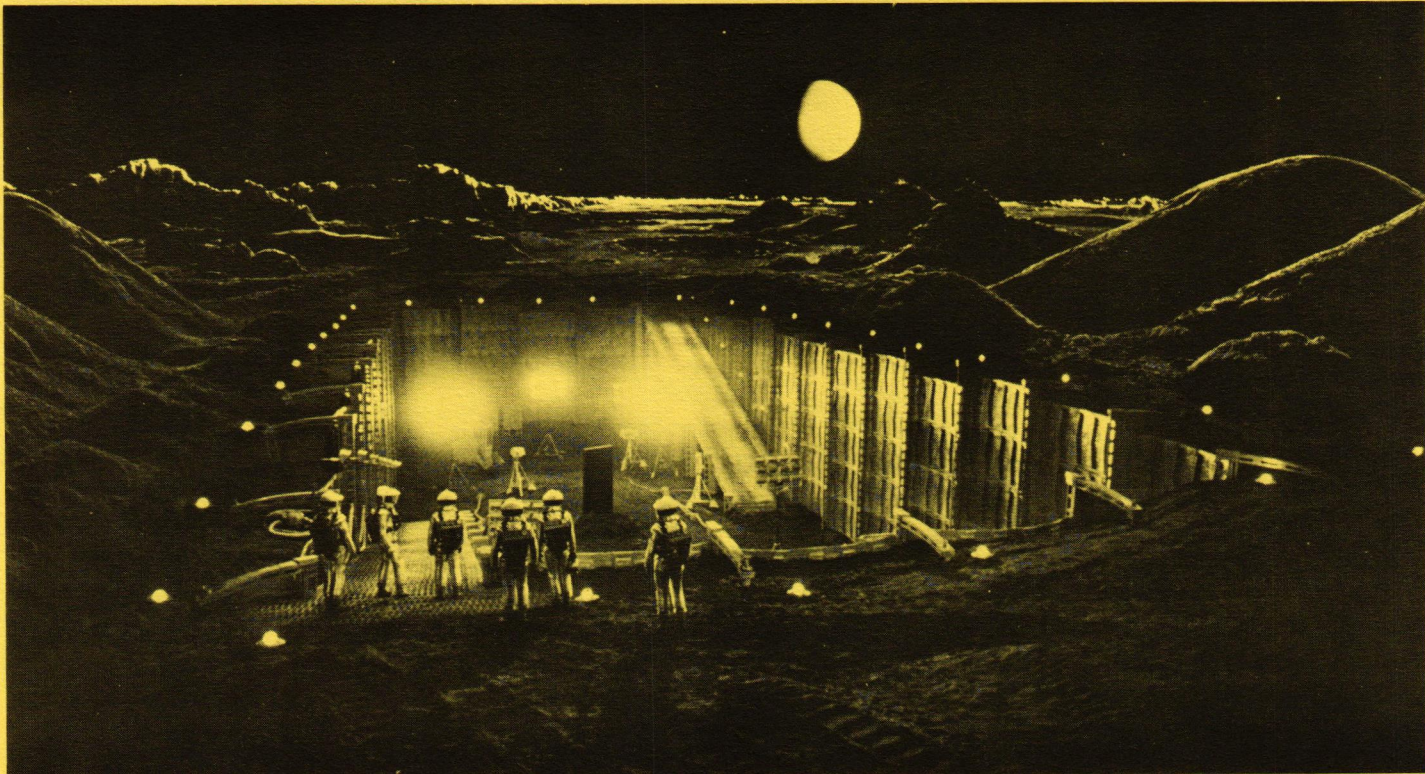
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Telex tells all...

To get back on a sane tack I dropped in on a hard nose contractor — Paul Banks of The Dillingham Corp. to see how the Dilco plan was working in real outer space. Paul admitted to having some co-

ordination problems. He handed me a sheaf of the following telexes from Hawaiian Dredging and Construction Co.'s left field superintendent which give some insight into the problems faced by these space pioneers.

TELEX H-11103

BARDREDGE, SEA OF TRANQUILITY
READ YOUR SPECS.

I. M. CLAMMY, LUNAR ARCHITECT
HOUSTON

TELEX L-1503

I. M. CLAMMY, LUNAR ARCHITECT, HOUSTON
CLARIFY SPECIFICATION SECTION 15A(3), 15-PLY
SILVER SATURATED VAPOR BARRIER.

BARDREDGE
SEA OF TRANQUILITY

TELEX L-1512

I. M. CLAMMY, LUNAR ARCHITECT, HOUSTON
HAVE READ SPECS. REPEAT, WHAT IS IT?
BARDREDGE
SEA OF TRANQUILITY

TELEX H-11121

BARDREDGE, SEA OF TRANQUILITY
DESCRIBED IN SECTION 15A(3).

I. M. CLAMMY, LUNAR ARCHITECT
HOUSTON

TELEX L-1525

I. M. CLAMMY, LUNAR ARCHITECT, HOUSTON
MANUFACTURE CEASED IN 1902. UNKNOWN HERE.
ADVISE CURRENT SOURCE, IF ANY.

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TELEX H-11133

BARDREDGE, SEA OF TRANQUILITY
SECTION GENERAL CONDITIONS 16 MAKES THIS
CONTRACTORS RESPONSIBILITY.
I. M. CLAMMY, LUNAR ARCHITECT
HOUSTON

TELEX L-1537

I. M. CLAMMY, LUNAR ARCHITECT, HOUSTON
WILL YOU HELP LOCATE SOURCE OR SPECIFY EQUAL
MATERIAL?
BARDREDGE
SEA OF TRANQUILITY

TELEX H-11147

BARDREDGE, SEA OF TRANQUILITY
SEE SPEC SECTION GENERAL CONDITIONS 14 FOR
IRRESPONSIBILITY OF ARCHITECT IN SUCH MATTERS.
I. M. CLAMMY, LUNAR ARCHITECT
HOUSTON

TELEX H-11148

BARDREDGE, SEA OF TRANQUILITY
CORRECT LAST TELEX. DELETE IR FROM WORD
SUBSEQUENT TO WORD FOR
I. M. CLAMMY, LUNAR ARCHITECT
HOUSTON

TELEX L-1544

I. M. CLAMMY, LUNAR ARCHITECT, HOUSTON
REQUEST DELETION OF SECTION 15A(3). NO VAPOR HERE.
BARDREDGE,
SEA OF TRANQUILITY

TELEX H-11153

BARDREDGE, SEA OF TRANQUILITY
SEE SECTION GENERAL CONDITIONS 12. ARCHITECT NOT
RESPONSIBLE FOR CHANGED CONDITIONS. PROCEED IN
ACCORDANCE WITH BOILER PLATE.
I. M. CLAMMY, LUNAR ARCHITECT
HOUSTON

TELEX L-1549

I. M. CLAMMY, LUNAR ARCHITECT, HOUSTON
PROJECT COMPLETED EXCEPT 15-PLY SILVER SATURATED
VAPOR BARRIER. REQUEST ARCHITECT VISIT SITE FOR
FINAL INSPECTION.
BARDREDGE
SEA OF TRANQUILITY

TELEX H-11162

BARDREDGE, SEA OF TRANQUILITY
NOT ON YOUR LIFE. SEE SECTION GENERAL CONDITIONS
64(I)(A)(1)(A)(11).
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At No
Cost!

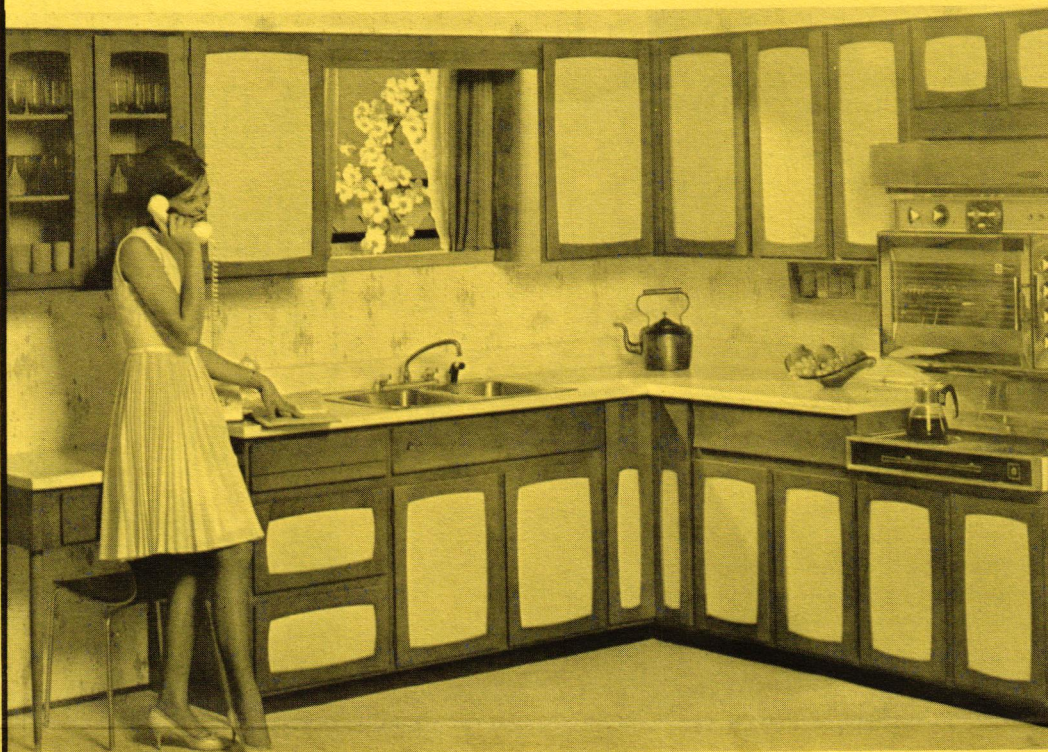


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Moon art

In trying to orbit out of the dark side to a lighter one, I contacted Lucille Cooper, Chairman of the Mayor's Committee on the Arts who also stated frankly that she had a problem. While it has been most discouraging trying to sell the community here on art-work using a full palate of warm earthy colors, she believes it will be impossible to sell a cold moontone "maybe grey" to the SAC for display in the far reaches of outer space. Maybe Gwen Lux summed it up when she said, "We don't succeed in getting enough sculpture in or around buildings on Earth, what should we worry about the moon?"

Flighty fashions...

Designer Troy Smith who is vitally involved with space fashions was rather non-committal on his new line preferring to release it in the fall. However, the line will let you do back flips, will keep you alive and best of all will positively identify male from female. Colors will be predominantly Moon Guard approved high visibility orange and/or yellow.

Looni lives!

Architect Bill Svensson is new to our Island but is an old hand when it comes to tea. I asked him to program his next trip ahead to the year 1999 and this is what he had to report when he floated in.

"Not too many years after the lunar year 1, I can look back at it from say 1999, like this:

"In reviewing the last thirty years of man's exploitation of the moon, it is interesting to see how our respect for the moon has evolved. For the first few years, the Americans and Russians had a race to see who could plant the most trash on that planet, it seemed. Naturally, the Americans won out, being the champion litterbugs on

planet earth. Some of us still remember all the junk left behind in the televised first lunar visit. With scientific and engineering types busy with their absorbing chores, the lunarscape soon started looking like a trash dump, with lunar modules, laser reflectors and American and Russian flags all over the place.

"Fortunately, architects became involved, ultimately, and the trash became color-coordinated. Also, components left behind were designed so they could be used for housing and other purposes. And of course there are plenty of ready made pukas for trash and body disposal.

"But it wasn't until 1982 when Bob Wenkam visited the moon and produced his beautiful photographic essay on the lunar landscape that the worm turned. We shall all remember that picture of the earth shining over a crater with a Primo bottle standing on the bottom of it. That did it! The

Outdoor Circle formed LOONI, 'Lunar Organization for Orderliness and Neatness, Interspace-wise'. They made the International Moon Control Agency swallow their three point program:

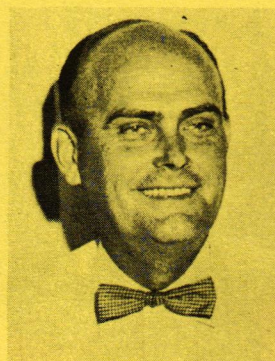
1. Consider the moon a piece of real estate that should forever be preserved as naturally as possible.

2. Set up a CZC, reserving certain areas for industrial and scientific activities, living areas, parks and undisturbed sections.

3. Set aside certain of the more scenic craters and unique formations to be left forever in their natural state.

"Who would have thought in 1969 that the moon would ultimately become a tourist attraction?

Well, thanks to LOONI, that's what happened. Plus the fact that earth no longer has any wide open spaces, or places to get away from creditors.



MULLING IT OVER with MOLLY

Reading time: 1:55

by E. S. (Molly) Mollenhoff

The term "revolutionary" has been worked to death, but, it's the correct way to describe a new coating product we have just taken on. It's called PACECO, a nylon formulated industrial coating that offers excellent adhesion and flexibility. PACECO sticks to the surface and stays there. It has been compared with Aerospace Structural Adhesives but without the application problems. PACECO is easy to apply. Simply stir then brush, spray or roll it on. You can apply it to practically any type of surface and it will conform because it remains flexible even with age. It's tough and durable and protects against many corrosive agents. PACECO is fast drying and can be overcoated or repaired without removing previous coatings which allows continued maintenance programs and avoids costly down-time. Plus PACECO gives you freedom of decoration with hundreds of decorative industrial colors from which to choose.

PACECO comes in three types, depending on your needs. The 900 series is recommended for maximum protection and gives you a long life, high glaze finish. PACECO Zycron provides a tough, durable and long lasting film for most exterior and interior surfaces and the 450 series offers great corrosive resistance and has excellent film properties. PACECO nylon coatings will not chip or crack, chalk or streak and remains flexible with age. PACECO is also resistant to moisture, fume, fungus and mildew.

Like I said, PACECO is a revolutionary new product and yet the cost is amazingly low. It's the square foot cost per year of protection that counts. You save on the applied coating costs and you save the surface.

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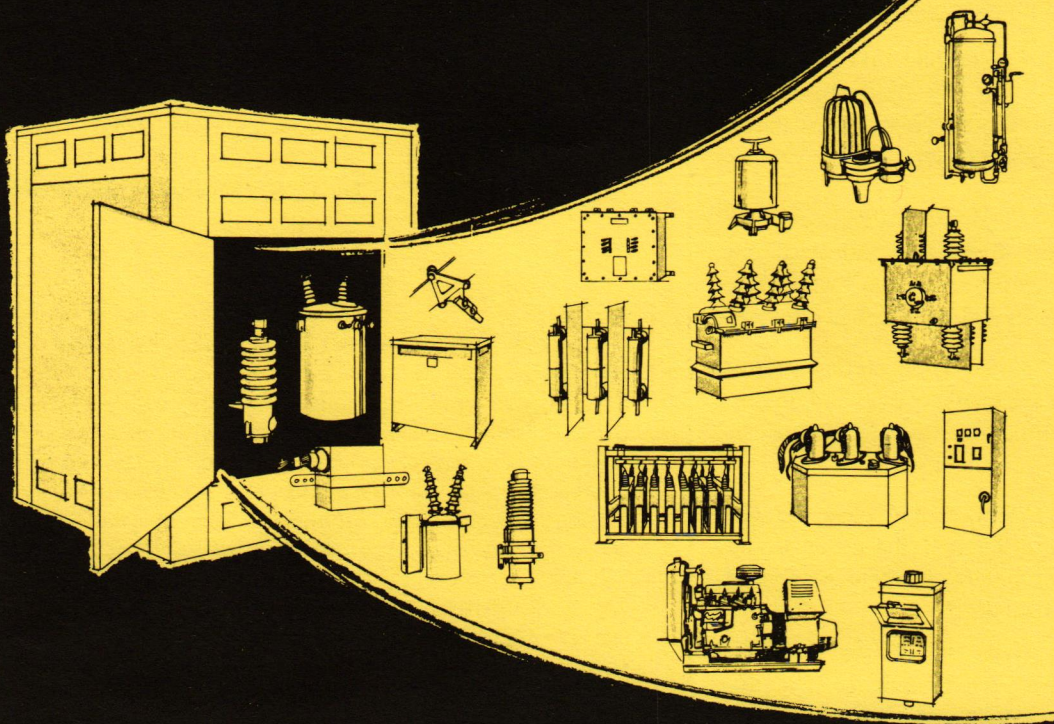
Now, back to the drawing board.

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“It looks like the moon is now in good hands, and we can look to the development of the most way-out tourist trap of all time.”

Design competition....

For those of us who were not fortunate enough to be among the historic select first few to receive USAA space commissions, all is not yet lost. USAA has announced the following design competition. This competition will be open to all registered Architects and Landscape Architects. It shall comply with the new code of physics and A.I.A. document M.O.O.N. — 69 regarding space competitions. First prize will be a Pan Am one-way ticket to a body of your choice.

Competition Chairman George Walters herewith presents the rules and regulations for the competition.

See next page...

NEW FACES

WELCOME to the following new members:

CORPORATE

Louis Dale Loucks, A.I.A.
Leon Joseph Noe, A.I.A.
Sheldon Schorr, A.I.A.
Ben Lee Wilson, A.I.A.

ASSOCIATE

Dwight Coryell Lowrey
Frederick M. Johnson
Leland D. Kamanolu Onekea
Gordon D. C. Tyau

Fountain for the Moon: A Design Competition

*We've announced a competition
For a fountain on the moon;
A water exhibition
For a moonfair coming soon.*

*We've no worry toward the budget;
There's a billion or three to spend.
If it's more, well then, we'll fudge it;
NASA has more they will lend.*

*Fountains with a new world grandeur,
Splashing in unearthly light,
Must resist all and endure
Vandals, rust and meteorite.*

*Sculptures of space heroes great,
Art foundations will endow.
'Round the fount they'll congregate,
Amstrong, Snoopy and the Cow.*

*No clouds or air pollution
Will impede the sparkling sight;
One should even see it gushin
In the atmosphereless night.*

*Through the lunar day and night,
First to boil and then to freeze,
From extremes of fabrenheit
Through the gamut of degrees.*

*Lunar vacuum lets the water
Spurt high like the best champagne,
Six times higher than it oughter.
(Will it come back down again?)*

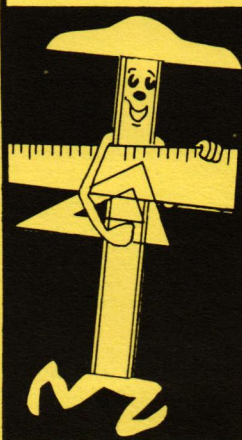
*Where will all this water come from?
Why that's simple, don't you see?
We will merely have to pump some
From the Sea of Tranquility.*



Don "Waaay Out" Chapman
Editor

Graphic supplies

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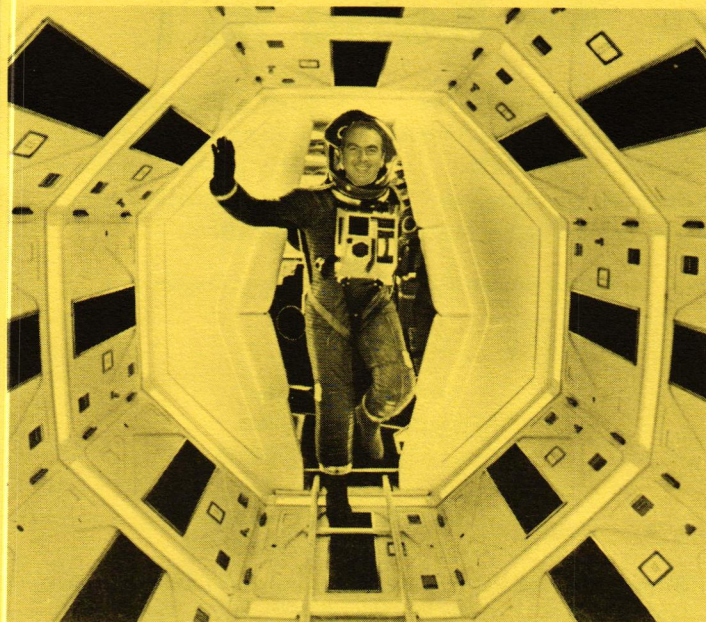


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THE MAIL BAG

Dear July Editor:

Your July 1969 editorial comments subtly implied moonlighting wrong for a variety of reasons seemingly valid from an employer's viewpoint. It called for a dissertation on the employee's viewpoint. Perhaps I shouldn't say that. Let us say my viewpoint, which probably reflects that of alarmingly many others.

Most peoples, *don't want* to moonlight. There are other more pleasurable things to do, spending time with your family for example.

Of the several reasons I can think of, money seems to be the best reason, blunt as it may sound. An architectural graduate earns in the neighborhood of \$2.50 an hour or approximately \$300 each month after

deductions. This is to pay for rent and utilities, groceries, car installments, life, medical, automobile insurance, repairs and gas. I suppose one would, if necessary, go without pocket money, clothing, doctors for anything less than major, and dentists.

It hardly seems to get better either, 35 cents an hour increase for every year's experience. At least it was in my case although I know others who haven't received a raise in 4 years. Professional draftsmen earning approximately \$4.00 an hour after 30 years in the business are not uncommon. *It's not enough* whether or not the profession would like to admit such a fact.

An architectural designer, earning \$4.25 an hour, related what he thought a funny story at lunch one day. It seems several times in succession his wife ran out of food at the end of the week and served the family including children only canned vegetables and a beverage for dinner stating prices had increased and it was all she could afford. Later she admitted after years of deprivation she had decided to buy herself new clothes. It was the only way. Perhaps moonlighting is wrong in some ways but it's *wrong to have to live like that.*

Several alternatives are available to graduates and professional draftsmen alike. They could quit to engage in a more lucrative field, leave town for another less expensive to live in, campaign for unionization or moonlight to make ends meet or buy a few luxuries.

A Draftsman

Let's Play the Game Fairly

It has been brought to the attention of the chapter that certain of its members are seeking competitive bids from civil engineers and surveyors.

These professionals are bound by the same set of state laws forbidding competitive bidding of their services as we are.

Let's avoid placing them in the embarrassing position of having to tell us to drop dead!

ATTENTION: C.Z.C. Friends and Critics

The chapter has re-established a special committee to watch dog the C. Z. C. for the architectural profession.

Committee Chairman George Whisenand asks that all architects having problems with the C. Z. C. which indicate either need for logical interpretation or amendment, please send him a note outlining the problem.

Ke Kaha Ki'i

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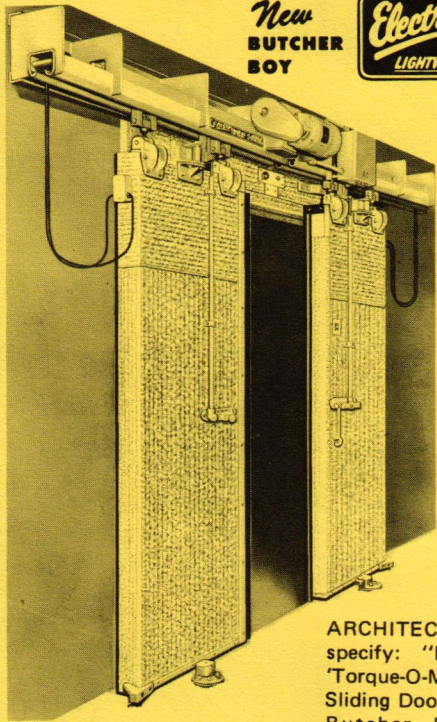
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Comments and contributions always welcome from Chapter members. However, if possible, please limit your remarks to 200 words.

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AWARDS DINNER

Those of you who have not already sent in your check and reservation for the Hawaii Chapter Honor Awards and Scholarship Dinner, are urged to do so.

A great evening is planned and Producers Council Members will be on hand for our yearly get together.

The dinner is being held at Paradise Park, Thursday, August 28. Complimentary cocktails will be served from 6:30 p.m. and a prime rib dinner will be served at 8:00 p.m.

There will be dancing during and after dinner, with music furnished by The Bob Shaw Combo.

The 1969 Honor Awards will be presented during the evening and Ed Sullam will act as M.C.

Don't miss out on a really great time—send in your reservations Now!

Don't Miss the August 22 TIME Magazine

It will mark the start of the first national magazine ad campaign in AIA's history.

As you know the TV phase of the national ad campaign got underway earlier with the two "America the Beautiful" television spots now being used extensively throughout the nation.

The magazine ads and the television spots are possible as a result of additional funds made available through the corporate dues increase.

For those of you who missed the July 28 edition of the Star Bulletin and the July 19 Advertiser, the Hawaii Chapter ran quarter page ads in support of this national campaign.

AUGUST 1969

Who pays every time the family next door gets in hot water?

In Scandia Towers, they do.



*Developers: Axel Ornelles
Architects: Park Associates, Inc.*

In Scandia Towers, each apartment has its own electric water heater, with its own individual meter. This means that each owner pays only for the hot water used in his apartment; not in his neighbors'. Individually paid service is but one of the many advantages of modern electric water heating. It is also one of the reasons why so many Island architects and developers now specify all-electric apartments.



Hawaiian Electric

A DECADE OF DESIGN At Ala Moana Center

DON'T MISS the exhibition of architectural design award projects on display at Ala Moana Center, Lanai Exhibit area, through August 22.

On display are outstanding examples of architecture from the Chapter's design award recipients from 1959 through 1969. The exhibit also includes a film presentation with nine films, screens and projectors running simultaneously. The films concern issues of importance such as Diamond Head, Waikiki, noise, Waikiki, traffic and signs. Other films reflect good examples of architecture and some of the beauty around us.

This exciting exhibit is the result of the efforts of a special committee comprised of

Hawaii Chapter members and outside contributors. The Committee included Denny Kull, Contributing Film Maker and Special Consultant, Steve Mori, Photographs and Exhibits, Art Kohara, Exhibits Committee Chairman, Tom Lee, Graphic Designs, George Johnson, Ben Wilson, John Weitz, Frank Gray, Lew Ingleson, Design and Construction of Exhibit Area, Nannette, from the Chapter office, Coordinator, and members of Art's committee, Roy Yamachi, Dennis Kim and many others.

The event is co-sponsored by the State Foundation on Culture and the Arts in commemoration of Hawaii's Tenth Year of Statehood.

"Methods of Compensation" Released by Institute

"Methods of Compensation for Architectural Services," a major addition to the American Institute of Architects' series of business oriented, educational publications, has just been released by the institute.

Prepared by the AIA Task Force on Compensation Methods, with the assistance of Case and Company, Inc., the 104-page book is designed to be used as a sound and effective basis for determining the advantages and disadvantages of the various methods in varying applications. Accordingly, it opens with a discussion of the philosophical foundation of the structure and the criteria

for selecting an ideal pricing method.

In addition to describing the traditional methods of compensation, the book discusses the composite square-foot, incentive, royalty and client determination of value methods. In conclusion it urges the architect to carefully match the method to the situation.

Copies are available from the Documents Division, The American Institute of Architects, 1735 New York Avenue, N.W., Washington, D. C. 20006.

Prices are: members - \$4
non-members - \$8.

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Architects to be Featured

Don Steward, of KHON-TV, has a television show on Saturday and Sunday mornings at 10:00 a.m. which provides real estate development and building news for Oahu and the Outer Islands.

He would like to devote a

segment of the show to interviews with architects. He has asked that any architect who has a hotel, condominium, resort, or any other significant development to contact him. He will also announce any new projects of public interest during his show.

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