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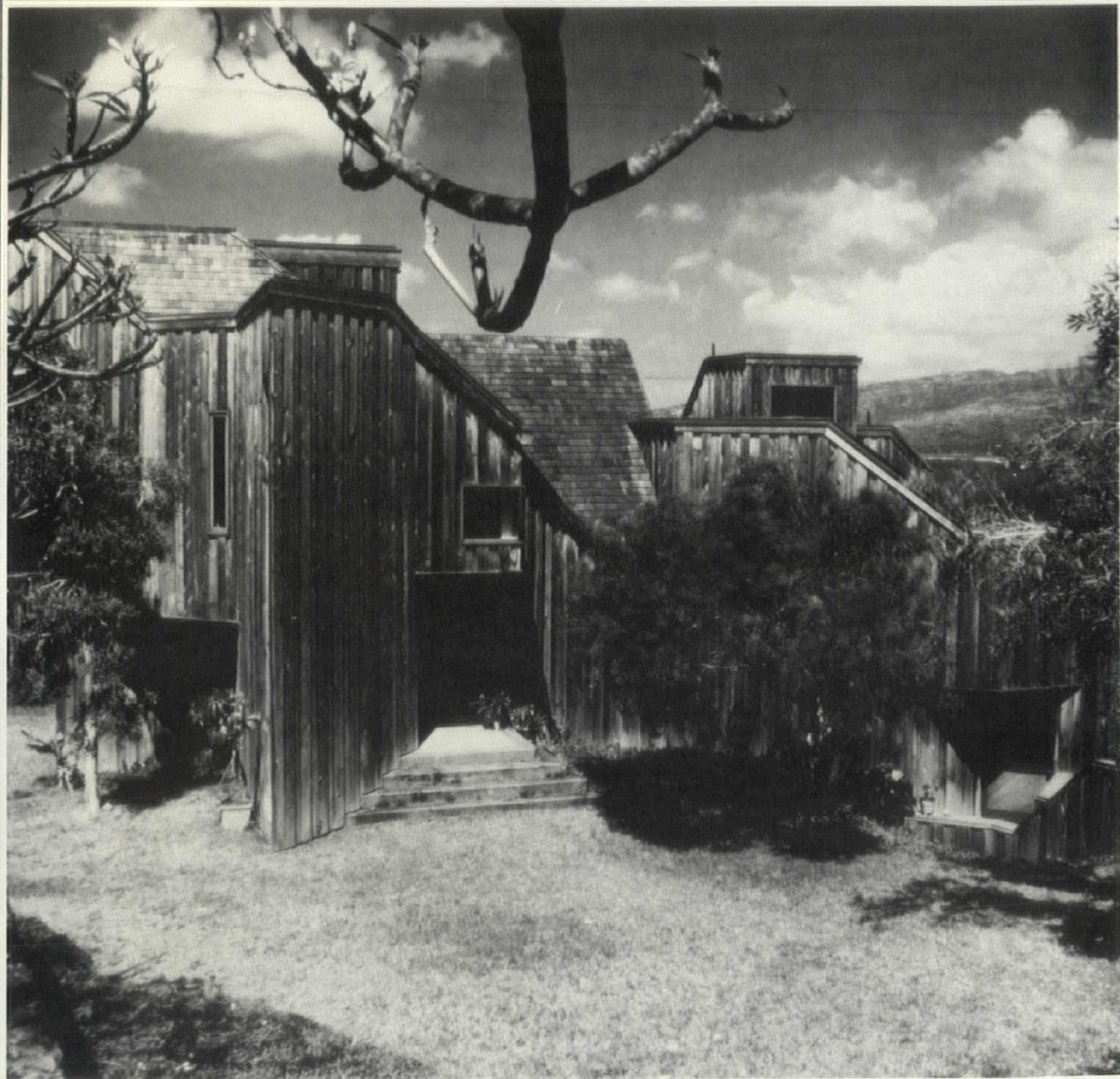
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# HAWAII ARCHITECT

February, 1980

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# HAWAII ARCHITECT

Volume 9, Number 2

February, 1980

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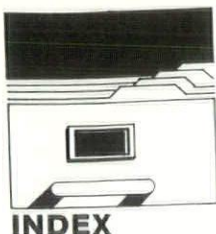
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# Short Notes

## Transitions



Renee Denenfeld has been named business manager of EDW/Architects and Planning Consultants and was also named to the firm's board of directors. Denenfeld

Joined EDW in 1977 as book-keeper.

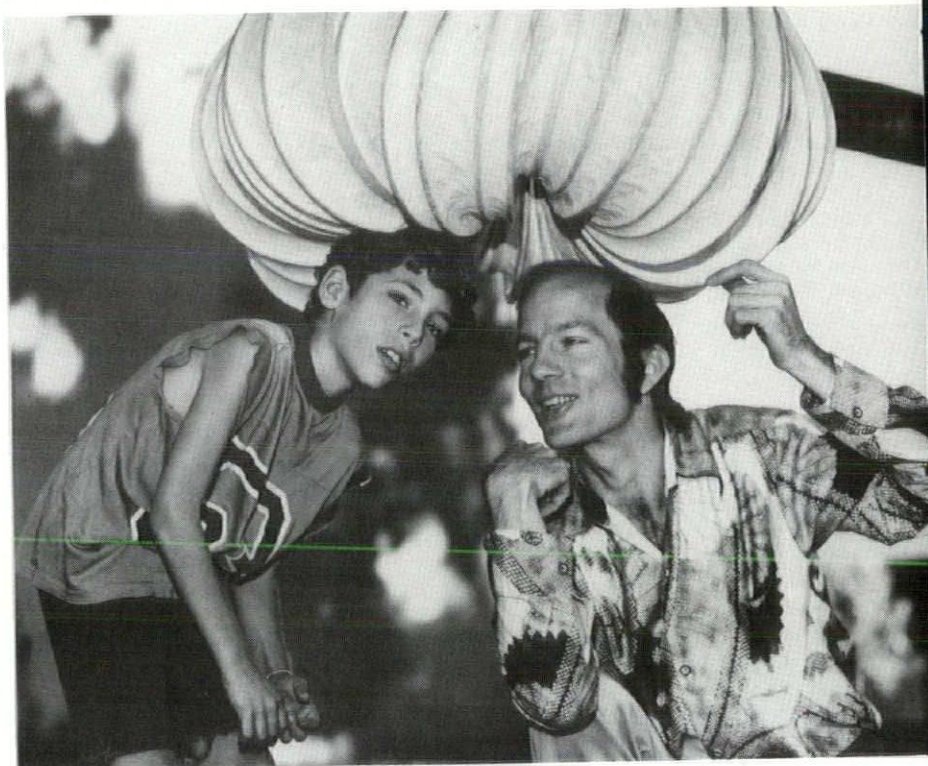
She attended Santa Monica College in California and presently is attending Hawaii Pacific College.



Janet Bennett has recently been named head of the Interior and Graphics Division of Group Architects Collaborative, Inc. She has held previous positions as store

planner for Liberty House and design positions with the Taubman Company and John Carl Warnecke & Associates.

## Lantern Show



Former Hawaii artists Stephen White and his apprentice William Crabb will have a benefit showing of 25 of their original lantern sculptures. All proceeds of the showing will go to benefit the Special Education Center of Oahu.

White and Crabb, who now work in California, have produced commissions for clients in many states. The wood and paper sculptures range in size from two to six or

more feet and often remind the viewer of nautical forms.

There will be a pre-opening reception on February 29 from 5 to 7 p.m. which requires an RSVP by February 22. The reception and show, which runs from March 3-13 from 8 a.m. to 6 p.m., will be at the Amfac Center Plaza Gallery, 748 Fort Street. The reception asks a \$5 donation per person.

## Errata

Under the category of "How could you be so dumb?" the editorial staff mistakenly used the jury comments for the house by Norman Lacayo in the article describing Rare Discovery by Hogan, Chapman Cobein, Weitz, Desai, Inc. in the January, 1980 issue. Our sincerest apologies to HCCWD. Printed at right are the jury comments as they should have appeared last month. Ed.

## JURY COMMENTS

Although this design was difficult to judge because of the amount of exhibited merchandise, the solution was felt to be interesting and well done. It provided separate display areas that identify individual sale items. In the major display areas the viewer is lead through interesting experiences and "discovers" different types of merchandise in a wide variety of spaces. The various levels hold together, and create a beautiful stage setting for the display of their particular type of merchandise.



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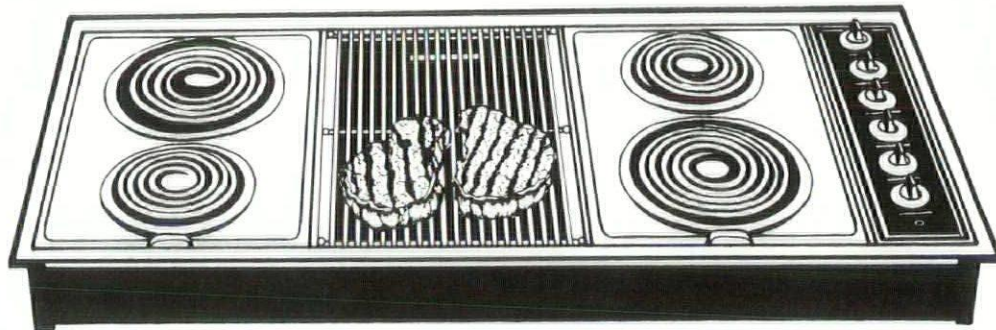
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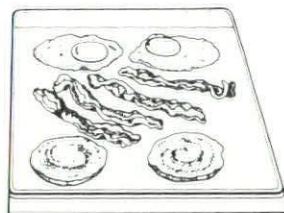
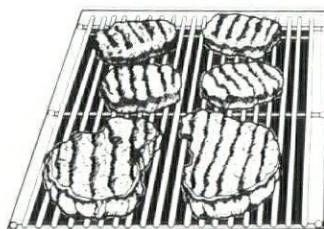


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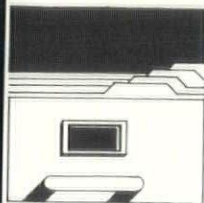


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Index

# Sign Guides

by ROBERT H. ROTZ

Robert H. Rotz of Honolulu Sign Company, Ltd., submitted the following brief suggestions to consider when dealing with the signage requirements on buildings.

During the past 30 years the Outdoor Circle, sign manufacturers, and the city have been constantly at odds as to who was to determine what is tasteful, functional or acceptable. Codes were written, rewritten, and many times amended, only to end up with the vague and incomplete code we have today.

The sign industry was barred from participating in the 1969 Comprehensive Zoning Code formulation and therefore many technical definitions and practical solutions are fought out constantly at the city level. This has only increased the importance of communication between the buyer, designer, manufacturer, installer and the City Building Department. Communication is the key to saving time, money, some colorful language and at times, litigation.

Perhaps the sign contractor's problems are no different from those of others in the building industry. Many prospective sign buyers want free estimates and designs purely at the speculation of the sign maker. Some will then use the drawing or its slightly altered facsimile to shop around for a little cheaper sign.

Here are some guidelines for good signage design:

- Designers should familiarize themselves with the strict limitations of the Sign Code.
- Beware of nonstandard and often outrageously expensive moldings, finishes, and materials, which often must be flown in from the Mainland and result in long lead times being necessary for sign production.
- Avoid projected mounting of letters, numbers and plaques at reachable levels which make it sim-



Jamieson

ple for vandals to steal them. Projected mountings cause shadowing, which may make signs illegible.

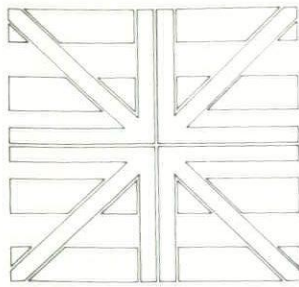
- Correct letter spacing in proportion to style and size takes a practiced eye. Proportions which may look fine on a small drawing may have a different effect at full scale.

- Give signage designers and fabricators enough lead time. Too often sign installation deadlines are

difficult to make because architects and owners do not allow enough time after a permit is assured. Even worse, the sign is excluded from the building contract and no one thinks about it until the structure is nearly completed and ready to open.

- Deal with reputable, established and licensed sign companies who won't "fly by night" with your deposit or fail to meet your quality and timetable standards.





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architects**

# Standard Production Procedures

If drawings are a language, then today we have a language of many dialects. To unify and simplify this plethora of production procedures the Hawaii Society/American Institute of Architects formed a task force to develop production standards, and installed Paul Jones, AIA, as its head.

There are virtually no standard production procedures used in the architectural profession today. Each individual architectural firm develops its own set of standards. One of the primary reasons for this is that until about 30 years ago working drawings were quite simple. In the ensuing decades the entire industry has become increasingly complex and today projects are often more complex technically, with many individuals

and firms involved in a single project.

Working drawings are instruments used to convey the intent of one party to another and as such, are legal documents which are used by many parties including consultants, lenders, checkers, and insurance companies. Since each architect historically has established his own symbols the opportunity is present for a reader to misinterpret what is meant by symbols in different sets of drawings.

The task force is presently using a set of recommended production procedures developed by the Northern California Chapter of the AIA as a basis for the Hawaii standards; modifying these in minor respects to reflect local conditions and practices. Although the immediate efforts of the task force are to standardize symbols, abbrevia-

tions, definitions, and terminology, the project will also incorporate new production concepts which are being utilized in the architectural profession. This includes the use of computers and other electronic devices, photo techniques, and graphics.

It is obvious that any set of voluntary standards such as those proposed on the following pages will be successful only if most local firms deem it to their advantage to exercise the self-discipline required to change from their own "standard." What appears on the following pages are drafts only. The task force has asked that all people in the construction industry review these drafts and submit their comments to the task force through the HS/AIA office, 1192 Fort Street Mall or to call the office at 538-7276.

## ABBREVIATIONS

"When in doubt, spell it out."

### RECOMMENDATION

Abbreviations should not only be easily recognized, or self-reading, but should avoid being misleading or easily confused.

Words which occur only once or twice in a set of working drawings should be spelled out, e.g., benchmark and property line.

Use of abbreviations in titles should be avoided.

Words of four letters or less should not be abbreviated. Certain exceptions are considered acceptable through long standing usage, i.e., BM. - Beam; EA. - Each; W/ - With.

Abbreviations should end with a period. Initials or first letter abbreviations should be separated by periods, i.e., A.D. - Area Drain; R.D. - Roof Drain.

A.B.	Anchor Bolt
A.C.	Air Conditioning
ACOUS.	Acoustical
A.D.	Area Drain
ADJ.	Adjustable
ADJA.	Adjacent
AGGR.	Aggregate
AL.	Aluminum
ALT.	Alternate
APPROX.	Approximate
ARCH.	Architectural
ASB.	Asbestos
ASPH.	Asphalt
BD.	Board
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
BOT.	Bottom
B.R.	Bedroom
BRKT.	Bracket
CAB.	Cabinet
C.B.	Catch Basin
CEM.	Cement
CER.	Ceramic
C.I.	Cast Iron
CLG.	Ceiling
CLKG.	Caulking
CLO.	Closet

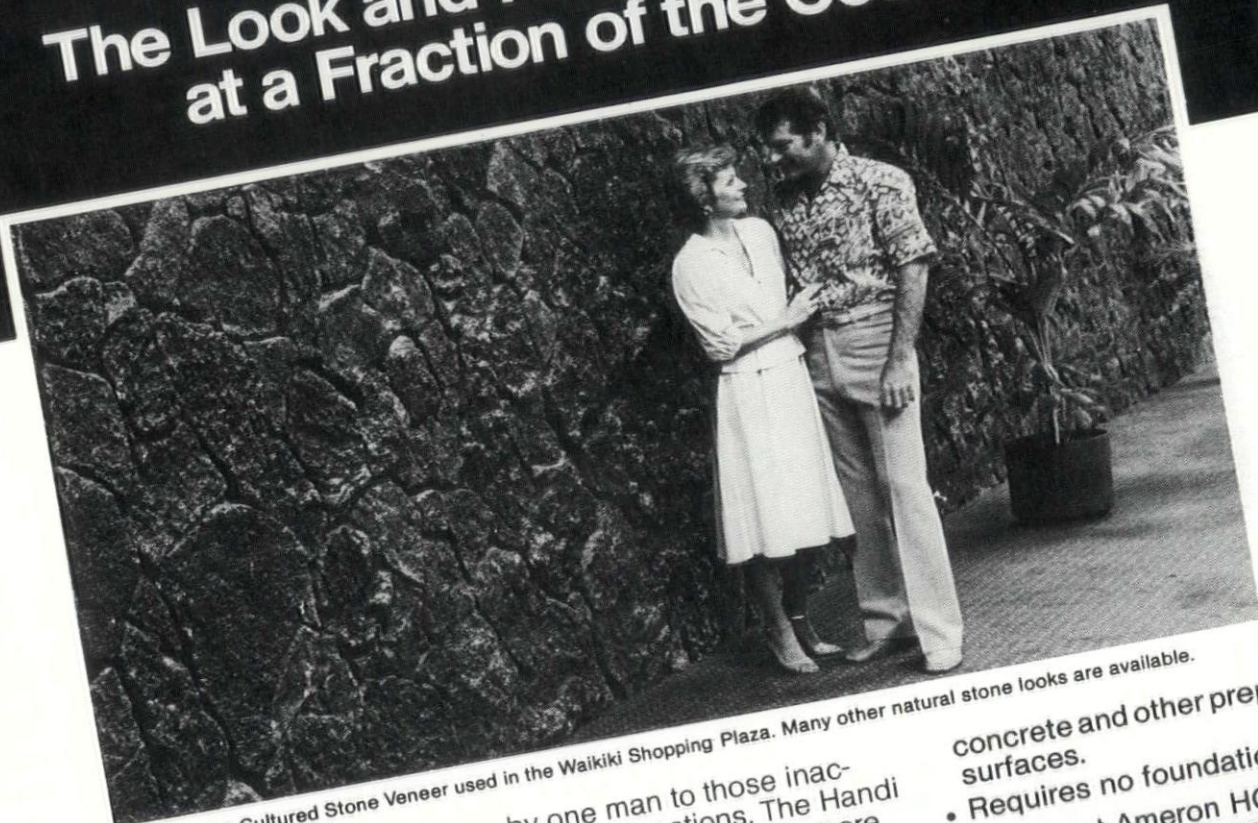
CLR.	Clear
C.M.U.	Concrete Masonry Unit
CNTR.	Counter
C.O.	Clean Out
COL.	Column
CONC.	Concrete
COND.	Condition
CONN.	Connection
CONSTR.	Construction
CONT.	Continuous
CONTR.	Contractor
CORR.	Corridor
C.R.M.	Concrete Rubble Masonry
CTR.	Center
CTSK.	Countersunk
D.	Deep, Depth
D.A.	Double Acting
DBL.	Double
DEPT.	Department
DET.	Detail
D.F.	Drinking Fountain
DIA.	Diameter
DIM.	Dimension
DISP.	Dispenser
DN.	Down.
DR.	Door
DS.	Downspout
D.S.P.	Dry Standpipe

**Continued on Page 10**



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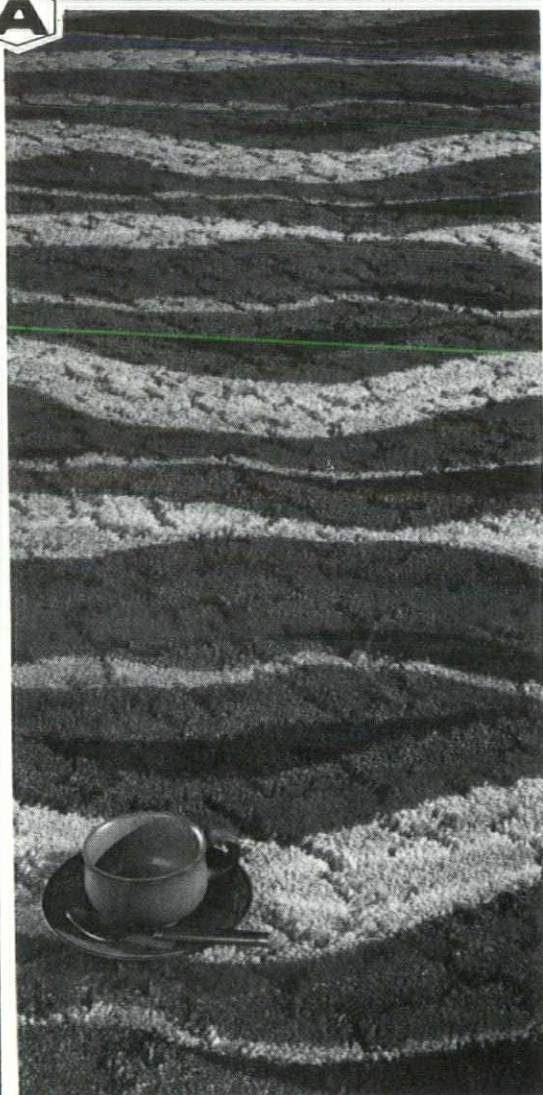
SHARP

# Standards: Abbreviations

Continued from Page 8

DWG.	Drawing
DWR.	Drawer
E.	East
EA.	Each
E.J.	Expansion Joint
EL.	Elevation
ELEC.	Electrical
ELEV.	Elevator
EMERG.	Emergency
ENCL.	Enclosure
E.P.	Electrical Panelboard
EQ.	Equal
EQPT.	Equipment
E.W.C.	Electric Water Cooler
EXP.	Expansion
EXPO.	Exposed
EXST.	Existing
EXT.	Exterior
F.A.	Fire Alarm
F.B.	Flat Bar
F.D.	Floor Drain
FDN.	Foundation
F.E.	Fire Extinguisher
F.E.C.	Fire Extinguisher Cabinet
F.H.C.	Fire Hose Cabinet
FIN.	Finish
FL.	Floor
FLASH.	Flashing
FLDG.	Folding
FLUOR.	Fluorescent
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.S.	Face of Studs
FPRF.	Fireproof
FR.	Frame
F.S.	Full Size
FT.	Foot or Feet
FTG.	Footing
FURR.	Furring
FUT.	Future
GA.	Gauge
GALV.	Galvanized
G.B.	Grab Bar
G.I.	Galvanized Iron
GL.	Glass
GND.	Ground
GR.	Grade
GYP.	Gypsum
H.	High
H.B.	Hose Bibb
H.C.	Hollow Core
HDWD.	Hardwre
HDWE.	Hardware
H.M.	Hollow Metal
HORIZ.	Horizontal
HR.	Hour
HGT.	Height
I.D.	Inside Diameter (Dim.)
INCL.	Inclusive or Included

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 JAL.....Jalousie  
 JAN.....Janitor  
 JST.....Joist  
 JT.....Joint  
 KIT.....Kitchen  
 K.O.....Knock Out  
 LAB.....Laboratory  
 LAM.....Laminate  
 LAV.....Lavatory  
 LKR.....Locker  
 L.R.....Living Room  
 LT.....Light  
 MAX.....Maximum  
 M.B.R.....Master Bedroom  
 M.C.....Medicine Cabinet  
 MECH.....Mechanical  
 MEMB.....Membrane  
 MET.....Metal  
 MFR.....Manufacturer  
 MH.....Manhole  
 MIN.....Minimum  
 MIR.....Mirror  
 MISC.....Miscellaneous  
 M.O.....Masonry Opening  
 MTD.....Mounted  
 MTG.....Mounting  
 MUL.....Mullion  
 N.....North  
 N.I.C.....Not In Contract  
 NO. or #.....Number  
 NOM.....Nominal  
 N.T.S.....Not to Scale  
 O.A.....Overall  
 OBS.....Obscure  
 O.C.....On Center  
 O.D.....Outside Diameter (Dim.)  
 OFF.....Office  
 OPNG.....Opening  
 OPP.....Opposite  
 PC.....Piece  
 PL.....Plate  
 P.LAM.....Plastic Laminate  
 PLAS.....Plaster  
 PLBG.....Plumbing  
 PLYWD.....Plywood  
 PNL.....Panel  
 PR.....Pair  
 PRCST.....Precast  
 PT.....Point  
 P.T.D.....Paper Towel Dispenser  
 P.T.D/R.....Combination Paper Towel Dispenser & Receptacle  
 PTN.....Partition  
 P.T.R.....Paper Towel Receptacle  
 Q.T.....Quarry Tile  
 R.....Riser  
 RAD.....Radius  
 R.D.....Roof Drain  
 REF.....Reference  
 REFR.....Refrigerator  
 REINF.....Reinforced or Reinforcing  
 REQ.....Required  
 RESIL.....Resilient  
 RGTR.....Register  
 R.H.....Robe Hook

RM.....Room  
 R.O.....Rough Opening  
 RWD.....Redwood  
 R.W.L.....Rain Water Leader  
 S.....South  
 S.A.....Single Acting  
 S.C.....Solid Core  
 S.C.D.....Seat Cover Dispenser  
 SCHED.....Schedule  
 SCR.....Screen  
 S.D.....Soap Dispenser  
 SECT.....Section  
 SH.....Shelf  
 SHR.....Shower  
 SHT.....Sheet  
 SIM.....Similar  
 SL.....Slope  
 SLDG.....Sliding  
 S.N.D.....Sanitary Napkin Dispenser  
 S.N.R.....Sanitary Napkin Receptacle  
 SPEC.....Specification  
 SQ.....Square  
 SST.....Stainless Steel  
 S. SK.....Service Sink  
 STA.....Station  
 STD.....Standard  
 STL.....Steel  
 STOR.....Storage  
 STRL.....Structural  
 SURR.....Surround  
 SUSP.....Suspended  
 SYM.....Symmetrical  
 TRD.....Tread  
 T.B.....Towel Bar  
 T.C.....Top of Curb  
 TEL.....Telephone  
 TEMP.....Tempered  
 TER.....Terrazzo  
 T. & G.....Tongue and Groove  
 THK.....Thick  
 THR.....Threshold  
 T.P.....Top of Pavement  
 T.P.D.....Toilet Paper Dispenser  
 T.P.H.....Toilet Paper Holder  
 T.V.....Television  
 T.W.....Top of Wall  
 TYP.....Typical  
 UNF.....Unfinished  
 U.O.N.....Unless Otherwise Noted  
 UR.....Urinal  
 V.A.T.....Vinyl Asbestos Tile  
 VERT.....Vertical  
 VEST.....Vestibule  
 W.....West  
 W/.....With  
 W.C.....Water Closet  
 WD.....Wood  
 WDW.....Window  
 W.H.....Water Heater  
 W/O.....Without  
 WP.....Waterproof  
 W.R.....Water Resistant  
 WSCT.....Wainscot  
 W.S.P.....Wet Standpipe  
 WT.....Weight  
 W.W.M.....Welded Ware Mesh

Continued on Page 14

Hawaiian Electric challenges you:

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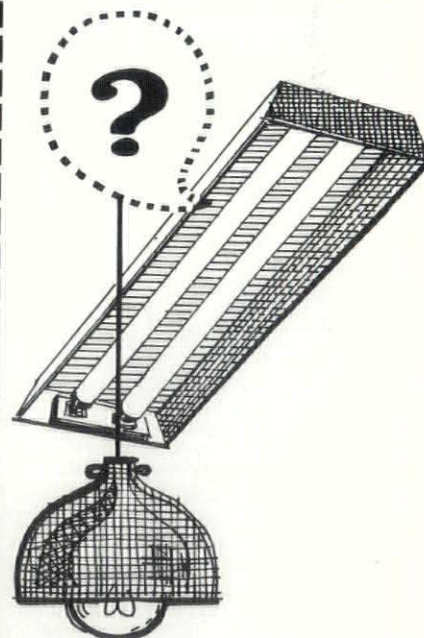
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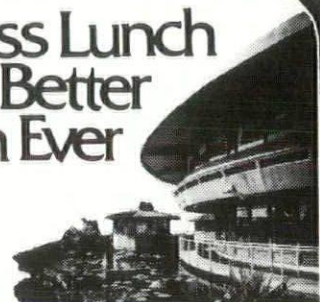
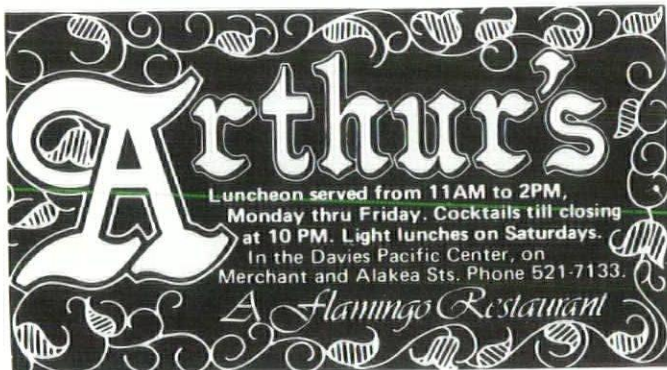


**PAGODA**

FLOATING RESTAURANT

1525 Rycroft St Phone 941-6611

THE CORPORATION

**Arthur's**  
Luncheon served from 11AM to 2PM,  
Monday thru Friday. Cocktails till closing  
at 10 PM. Light lunches on Saturdays.  
In the Davies Pacific Center, on  
Merchant and Alakea Sts. Phone 521-7133.  
*A Flamingo Restaurant*

## Diner's

"Home of the Local-Style Plate Lunch"

Call ahead so that your order will be ready for pick-up.

Every business executive has to treat the staff to lunch, or dinner  
... especially when you're working late on a big project. Order  
plate lunches from DINER'S. Easy on the pocketbook. Fast  
service. Delicious Food.

Keeaumoku  
Ph. 941-1588

Kalihi  
Ph. 841-0188

Waipahu  
Ph. 671-2847

Waimalu Plaza  
Ph. 487-5541



### QUALITY SEAFOOD

Whether you prefer a spacious dining  
room providing ocean and mountain views,  
a cozy cocktail lounge, a more secluded  
table in a tucked away loft, or a place to  
have a private party . . . . .

Orson's Restaurant has all four.

Select your own hours for leisurely dining.  
Continuous service from 11 a.m.

1050 ALA MOANA BLVD at the  
WARD WAREHOUSE  
(2nd floor Bldg B)  
Overlooking Kewalo Basin  
521-5681

## Now, we're open till midnight.

We cordially invite you to come and enjoy our  
fine family dining during our new extended hours:

**Monday - Friday, 6 a.m. to midnight;**

**Saturday, 8 a.m. to midnight;**

**Sunday, 8 a.m. to 9 p.m.**



**teruya's**

1333 River Street  
Phone 533-1218

## TAKE A MILANESE LUNCHEON Break away from the office.

Have Northern Italian — or Continental —  
lunch or dinner with us. Any day. Buon gusto!

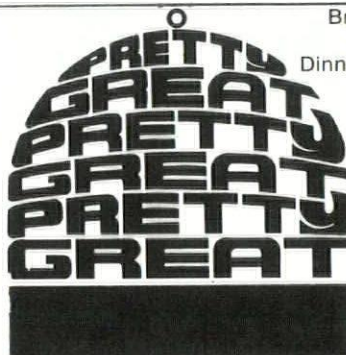
### RENOWN MILANO

Lunch 11 a.m.-3 p.m. • Dinner 5:30-11:00 pm  
Happy Hours 3-6 p.m., 10 p.m.-midnight

Discovery Bay Shopping Center  
Ph. 947-1933, 947-2562 • Validated parking at rear



Breakfast • Lunch • Dinner  
Open Daily 6:00 A.M.  
Dinner Show—"Oriental Fantasy"



## THE parrot house

HOTEL MIRAMAR

HAWAII

2345 Kuhio Avenue  
Phone: 922-2077  
Validated Parking





# Where to go For BUSINESS DINING



## RESTAURANTS & CATERING

### relax at ray's . . .

. . . after all, isn't that  
what lunch is all about?



### y'sray's ray's seafood restaurant

4th floor/waikiki shopping plaza/2250 kalakaua  
validated parking/reservations **923-5717**



### Coffee Tavern and Cheerio Room

Breakfast - Lunch - Cocktails  
in the heart of Downtown.

M's Coffee  
Tavern  
6:30-2 P.M.

Cheerio Room  
OPEN  
9:00 A.M.

"No Sir, there is nothing which  
has yet been contrived by men,  
by which so much happiness is  
produced, as by a good tavern  
or inn."

*Samuel Johnson*



### the sky's the limit...



full salad bar  
delicious hot entrees • desserts • bar  
menu service available 11:30 a.m. - 2 p.m.  
**3253 N. Nimitz • at the airport**  
*We're building a reputation not resting on one.*

CONSISTENTLY GOOD  
CHINESE FOOD . . .

CHINESE AND AMERICAN FOOD

### Coral Reef

Restaurant and lounge

Mauka side next to Woolworth  
1259 ALA MOANA CENTER

Open from 11 AM to 9:30 PM  
Sundays 11 AM to 3 PM  
Phone: 949-3500

Now Serving  
Hot and Spicy  
Dishes for Dinner



### THE TROLLEY COMPANY

Waikiki Int. Plaza  
531-0579

Salt Lake  
839-7990

DOWNTOWN - UNION MALL  
531-0579



### Like Like

Drive Inn Restaurant  
open 24 hours!

Order ANYTHING on our  
Extensive Menu ANYTIME!

*Have dinner in the morning, breakfast at night!*

735 Keeaumoku

**We're NOT on the  
Like Like Hwy!**

Waikiki Shopping Plaza - 4th Floor  
**Crêperie De Touraine**

WINES AND COCKTAILS  
Lunch from \$3.50 - Dinner from \$5.50  
Open 11 AM to 11 PM - 7 Days  
Validated Parking  
Tel. 923-1128

A TASTE OF FRENCH  
COUNTRY COOKING IN PARADISE  
Thin crepes filled with your favorite  
meat, seafood, vegetables, fresh fruit  
and ice cream!

### BYRON II

A GREAT WATERING HOLE—Elegant  
Atmosphere, Bountiful Cocktails,  
Superb Food and Excellent Service

Luncheons, 11:00-3:00

Dinners served from 5 p.m.

Cocktails served from 10 a.m.

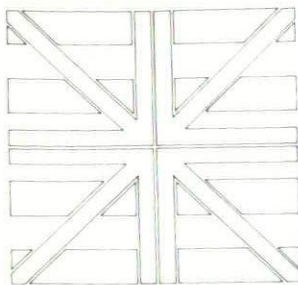
1259 ALA MOANA CENTER

TELEPHONE 949-8855

OCEANSIDE IN THE ALCOVE BY THE TRAVOLATOR







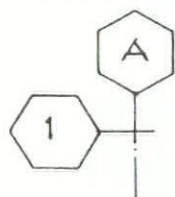
**hawaii  
society/  
american  
institute  
of  
architects**

# Standards: Symbols

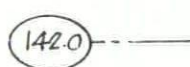
## RECOMMENDATIONS

An analysis of symbols leads one to recognize at least four main criteria for the creation and use of symbols:

- 1—Symbols should be readily discernible.
- 2—Each type should be unique.
- 3—Symbols should be simply produced.
- 4—Preferences given to the adoption of symbol types readily recognized because of their common usage.



**COLUMN LINE**  
ORIENT POINT OF HEXAGONS TO  
COLUMN LINE.  
LETTERS IN ONE DIRECTION  
NUMBERS IN THE OTHER DIRECTION



**SITE GRID LINES**  
FOR SURVEYOR'S GRID,  
MODULE GRID, ETC.



**DOOR SYMBOL**  
DOOR MARK



**WINDOW TYPE**



**LOUVER TYPE**  
SKIP LETTERS "I" AND "O"



**EQUIPMENT TYPE**  
TYPE OF EQUIPMENT,  
X=X-RAY; F=FOOD SERVICE  
EQUIPMENT GROUP



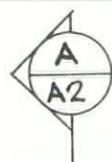
**REVISION**  
CLOUD AROUND REVISION  
OPTIONAL



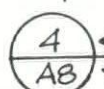
**MATCH LINE**  
SHADED PORTION IS SIDE  
CONSIDERED



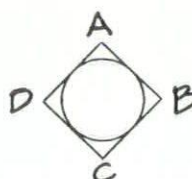
**WORK POINT, CONTROL POINT  
OR DATUM POINT**



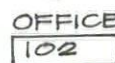
**SECTION**  
SECTION IDENTIFICATION  
SHEET WHERE SECTION IS DRAWN



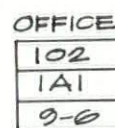
**DETAIL**  
DETAIL IDENTIFICATION  
SHEET WHERE DETAIL IS DRAWN



**INTERIOR ELEVATION INDICATOR**



**ROOM IDENTIFICATION, TYPE 1**  
ROOM NAME  
ROOM NO.



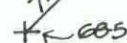
**ROOM IDENTIFICATION, TYPE 2**  
ROOM NAME  
ROOM NO.  
ROOM MATERIAL CODES  
1ST NO. - FLOOR/BASE  
2ND NO. - WALLS/WAINSCOT  
3RD NO. - CEILING  
CEILING HEIGHT OTHER THAN TYPICAL

**W-7**

**WALL OR PARTITION TYPE**



**NEW FINISH GRADE**  
DRAW AT 45°



**EXISTING GRADE**  
SHOWN HORIZONTALLY



**SETBACK LINE**



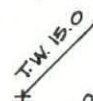
**PROPERTY LINE**



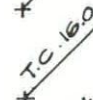
**NEW OR FINISHED CONTOURS**



**EXISTING CONTOURS**



**TOP OF WALL**



**TOP OF CURB**



**TOP OF PAVEMENT**

**FIN. FLR. EL. 3.7**

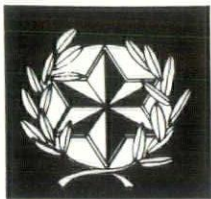
**FINISH FLOOR ELEVATION**





## 15





LAURELS

# HS/AIA Awards Program Residence for Mr. and Mrs. Don Kimble

by NORMAN LACAYO, AIA

## GENERAL INFORMATION

### PROJECT NAME

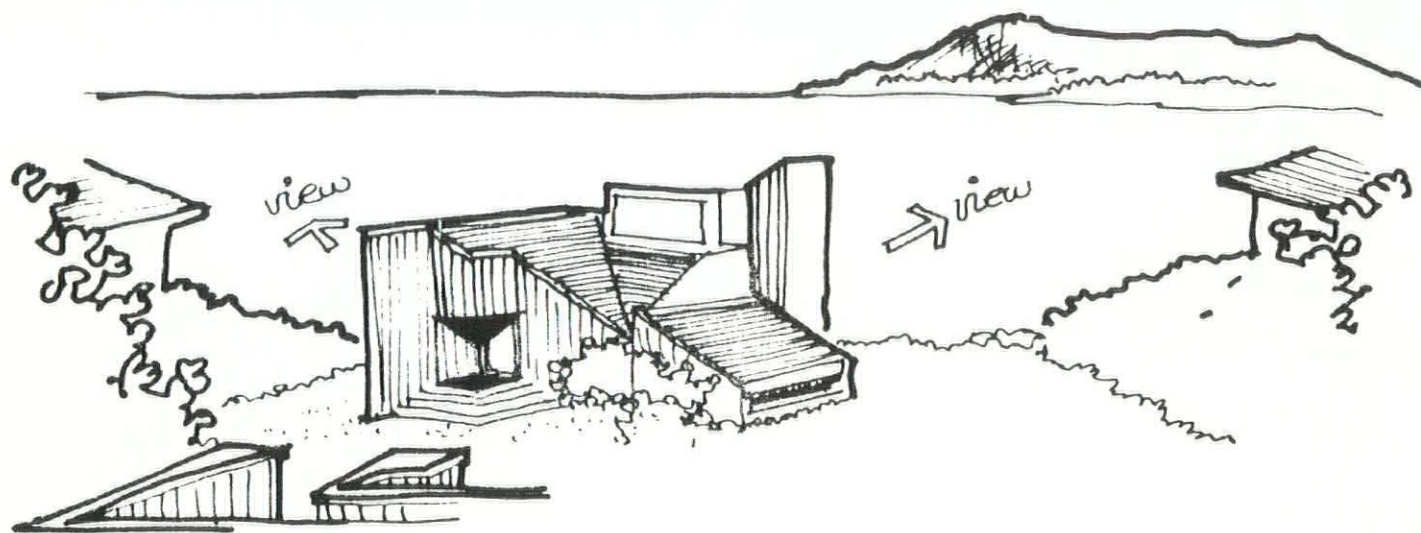
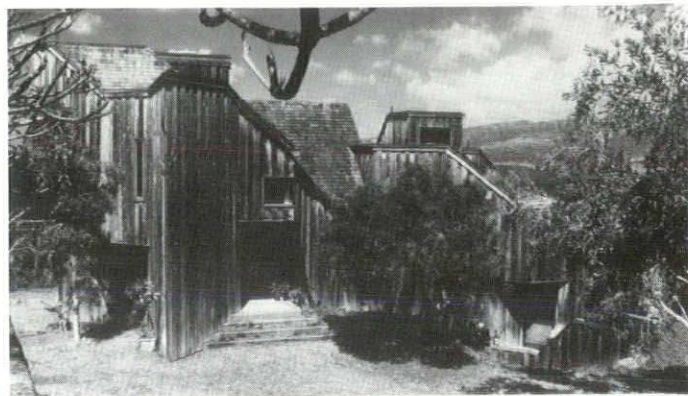
Residence for  
Mr. and Mrs. Don Kimble

### ARCHITECT

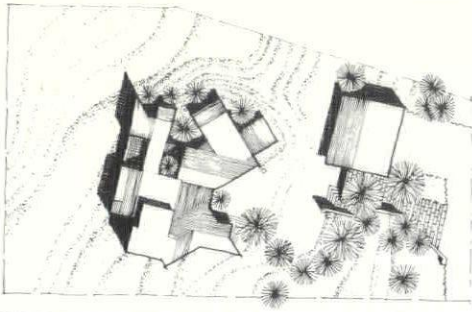
Norman Lacayo, AIA

## PROGRAM

The owner of this house is a builder who was looking for the challenge of building an exciting home for his wife and three teen-agers. The construction was a family effort tackled with enthusiasm. They wanted their house informal, carefree, and fun.

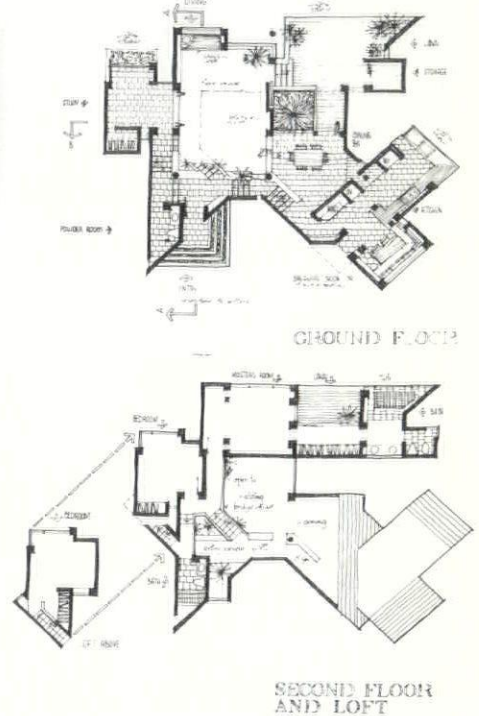
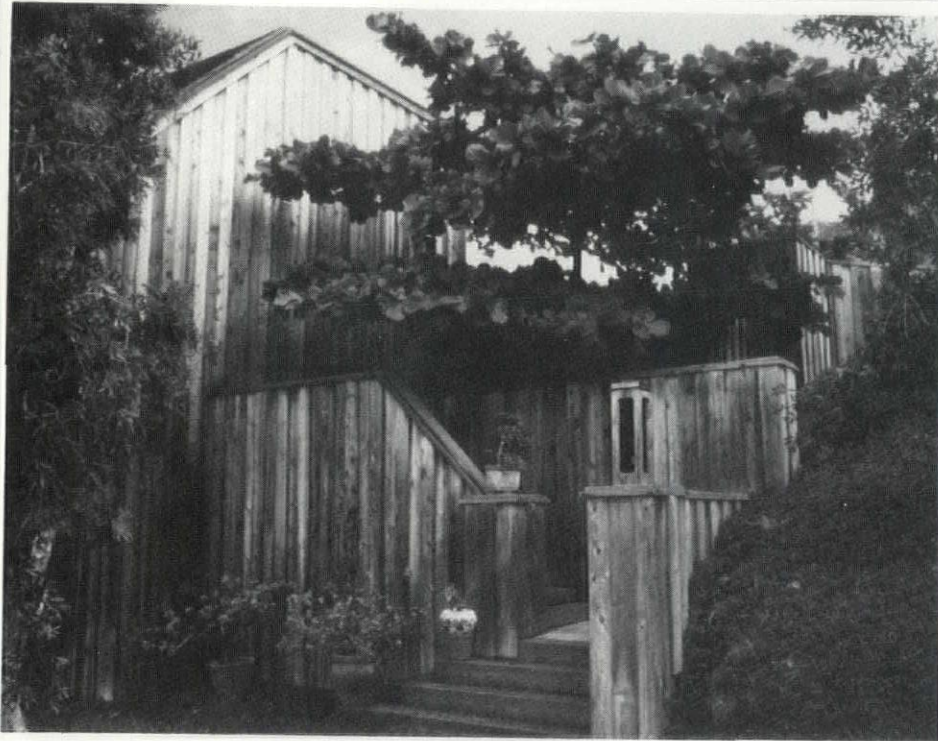






## JURY COMMENTS

Another unique house from the architect. The quality and integration of the interior is not only beautiful but its flavor is expressed equally well on the exterior. Lacayo's expertise has once again produced a high quality design that combines many smaller elements to create a package that holds together beautifully.



## CONCEPT

The site is on the slopes of a crater and because the adjoining neighbors had built up from the existing grades, we elected to use the natural terrain creating privacy in this heavily developed residential area. The house has a sense of being nestled into a ravine, without losing any of the spectacular view. It has a very low profile from the street and there is an element of surprise as you descend the entry stairway, walk across a grass court and see the various angled walls and roofs of the house.

The mystery of the interior shapes unfolds as you enter the door. The house follows the natural downward slope of the hill and contrasts with the vertical sculptural forms. The rooms are playful because of the bridges, niches, and varied openings between rooms that continually move you through the space.

## MATERIALS

The exterior materials primarily are rough cedar siding and shingles with copper trim and are all weathering types which have now done their thing. The interior shapes have a flowing appearance because of the plaster finish. The flooring is carpet and individually sanded Mexican tile. All cabinet work is oiled Oak. The owner is a perfectionist who followed every detail faithfully.

Continued on Page 19



# 4,700 PEOPLE BEHIND OUR BUSINESS PHONE SYSTEMS.



When you come to Hawaiian Telephone for a business phone system, you get to choose from among the finest, most advanced systems available. But that's only the beginning. You'll also get the people to back it up.

A Hawaiian Telephone Communications Consultant will help you choose the system that's best for you, and arrange terms to fit your finances. Highly trained technicians will install, maintain and repair your system. And all our people are at your service, just a phone call away.

In short: when you get your business phone system from us, Hawaii's entire phone company stands behind it.

**GET YOUR COMPANY PHONES  
FROM THE PHONE COMPANY.**

**HAWAIIAN TELEPHONE**

We keep you talking.

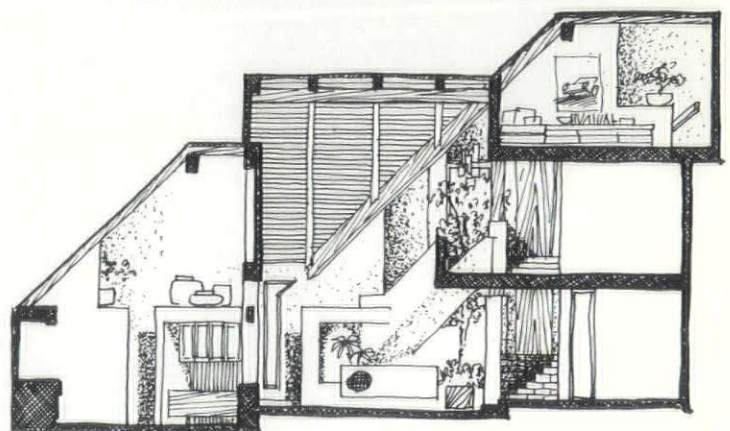
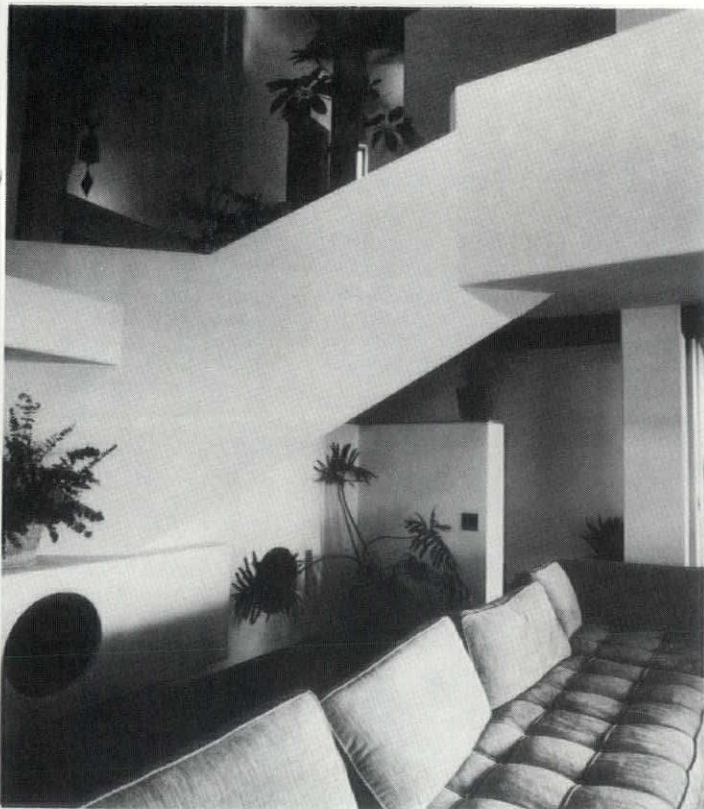
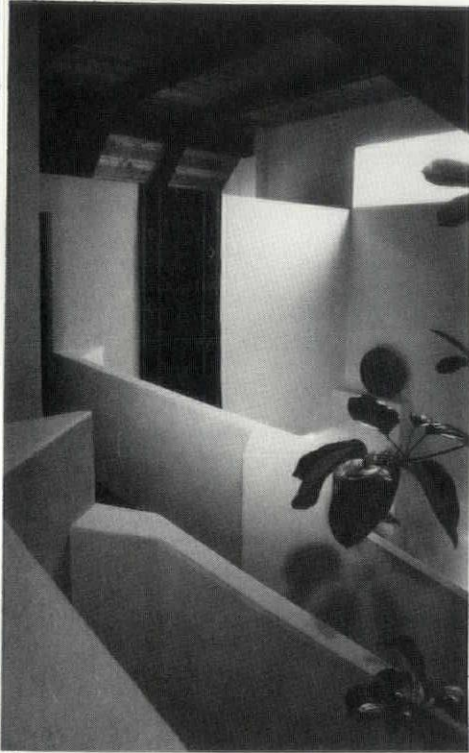
**GTE**



# Residence for Mr. and Mrs. Don Kimble

by NORMAN LACAYO, AIA

Continued from Page 17





# We Have Money

## Mortgage Money Is Available Now For Investor Loans and Commercial Loans!

Call our Mortgage Loan Department at 531-6868 or one of our 18 offices for more information.

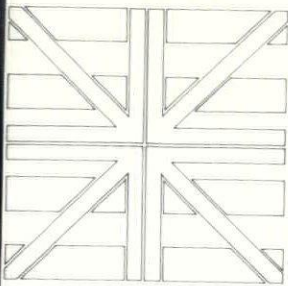


**Pioneer Federal Savings**  
AND LOAN ASSOCIATION OF HAWAII

Pioneer Plaza • Eaton Square • Kaneohe • Kapiolani • Mililani  
Waikiki • Makiki • Manoa • Kailua • Hilo • Kailua-Kona • Pahoa  
Waimea/Kamuela • Honokaa • Lihue • Hanapepe • Kahului and Kihei  
An Equal Opportunity/Affirmative Action Employer







**hawaii  
society/  
american  
institute  
of  
architects**

# Standards: Materials Indication

## RECOMMENDATIONS

The recommended materials indications shown on the following have been limited to the ones most generally used. When indications are required for additional materials, it is recommended that they be developed within the following guidelines.

a) Make indications freehand wherever practical to do so.

b) Draw indications with appropriate scale, keeping in mind that reproduction processes which reduce size will tend to merge close lines and also lose light lines or dots.

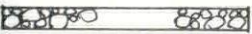
c) Indications should consist of lines and dots, without any over all tone, shadowing, or poche. (Some reproduction methods print only the edges of an evenly shaded area.

d) Show indications only adjacent to extremities or juncture with other materials, as necessary for clear definition, and are to fade out from there. (It is not necessary to fill the entire cut section with the pattern.)

e) Show indications on the face of the drawings. (Some reproduction methods copy only the face.)



EARTH



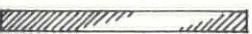
BASE COURSE, CUSHION FILL  
SUB-BASE, GRAVEL, CRUSHED ROCK



SAND, MORTAR, PLASTER



CONCRETE,  
CAST IN PLACE OR PRECAST



BRICK



CONCRETE BLOCK



ROCK WALL



STONE, MARBLE, SIMULATED MARBLE,  
TERRAZZO (OMIT INDICATION IN  
THIN MATERIAL)



STEEL (OMIT INDICATION IN  
THIN MATERIAL)



ALUMINUM (OMIT INDICATION IN  
THIN MATERIAL)



METAL LATH



WOOD, FINISH



WOOD FRAMING  
THROUGH MEMBER



WOOD, FRAMING  
INTERRUPTED MEMBER



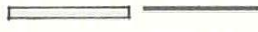
PLYWOOD



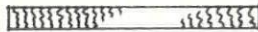
PARTICLE BOARD



HARDBOARD



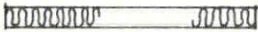
GLASS



ACOUSTIC TILE, BOARD OR PANEL



GYPSUM BOARD (OMIT DOUBLE  
LINES AT SMALL SCALE)



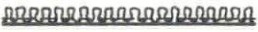
INSULATION, BATT



INSULATION, RIGID



CERAMIC TILE, QUARRY TILE  
OR RESILIENT FLOORING  
(SHOW PROFILE ONLY)



CARPET & PAD (OMIT DASHES  
IF NO PAD)



ASPHALTIC CONCRETE OR A.C.  
PAVING (SHOW PROFILE ONLY)





### EXAMPLE 24" x 36"

## HAWAII ARCHITECT







# Standards: Sheet Design

Continued from Page 22

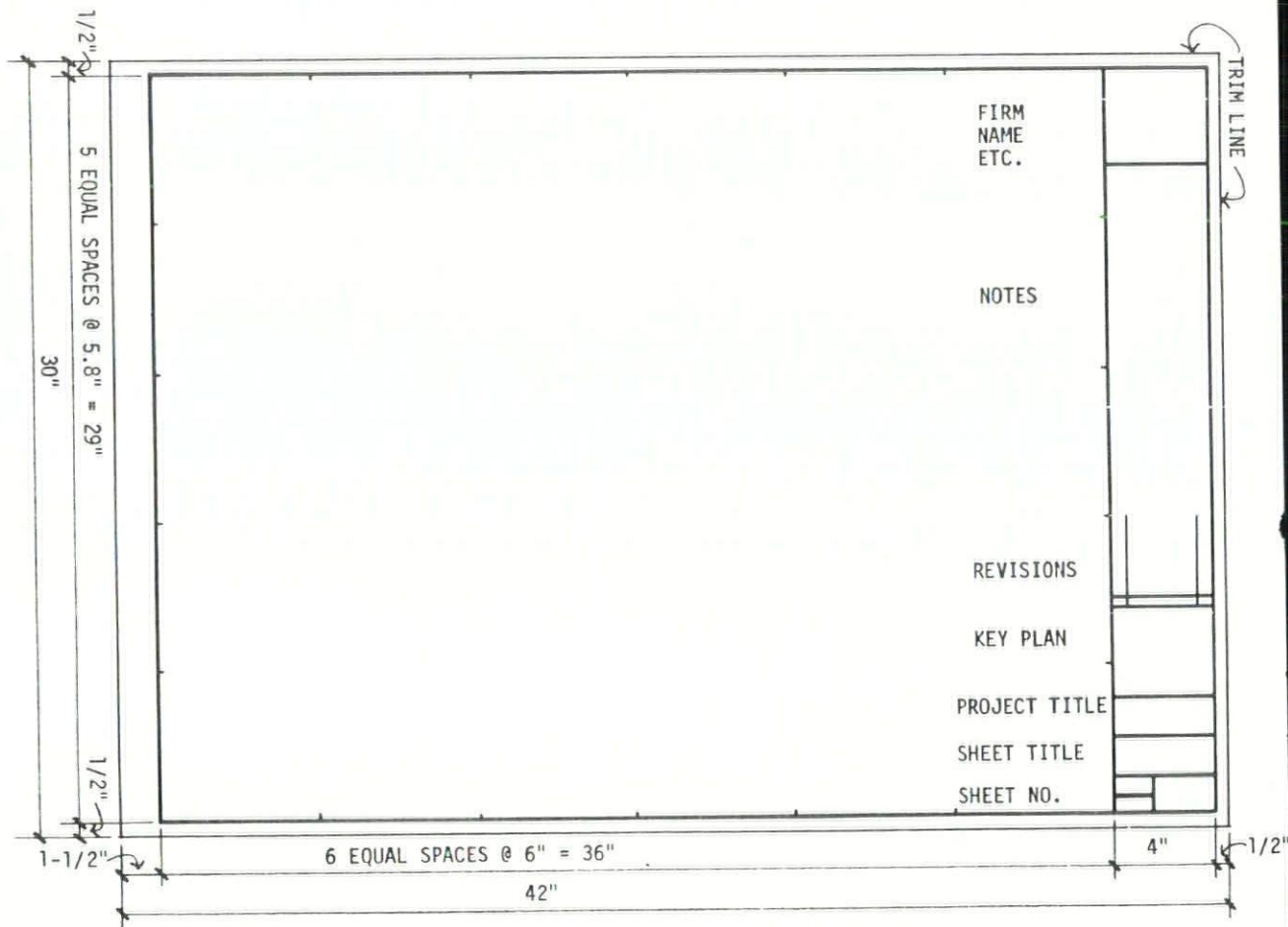
Job Identification Sheet Title. Revision Identification.

c—Optional Information: Scale. Sheet Notes, Key Plan.

4—Details may be drawn on one or more modules.

5—If standard office details are developed on modules of approximately 6" x 5¾", they can be assembled to fit any of the modules on either of the two sheet sizes.

**EXAMPLE 30" x 42"**





# It's not too late

Please encourage your employees to send in their Census forms.

It helps you, your business, and your community. Remember, there's still time.

**We're counting on you.  
Answer the Census.**

CENSUS '80



A Public Service of This Magazine & The Advertising Council

## Keeping Hawaii Plastered

ADVANTAGES OF USING LATH & PLASTER CURTAIN WALLS  
Design Versatility



System is adaptable to steel frame, concrete structures, masonry bearing walls, or any combination of types. Portland cement stucco offers a broad range of finishes, and cavity walls provide ample chase and insulation space.

### Light Weight

Average weight (finish to finish) of 14 to 20 lbs. per sq. ft. reduces dead load effect on structure and footings. High strength factor means the greatest load capacity to weight ratio of any building materials available today.

### Durability

Permanent construction. Long established components of cement plaster, metal lath, and steel studs have been developed into proven systems with use of new techniques.

### Insulation Values

This is an important consideration because of the energy crisis. Lath and plaster curtain walls not only reduce operating expense, but also mechanical installation cost.

Plaster Information - Don Morganella

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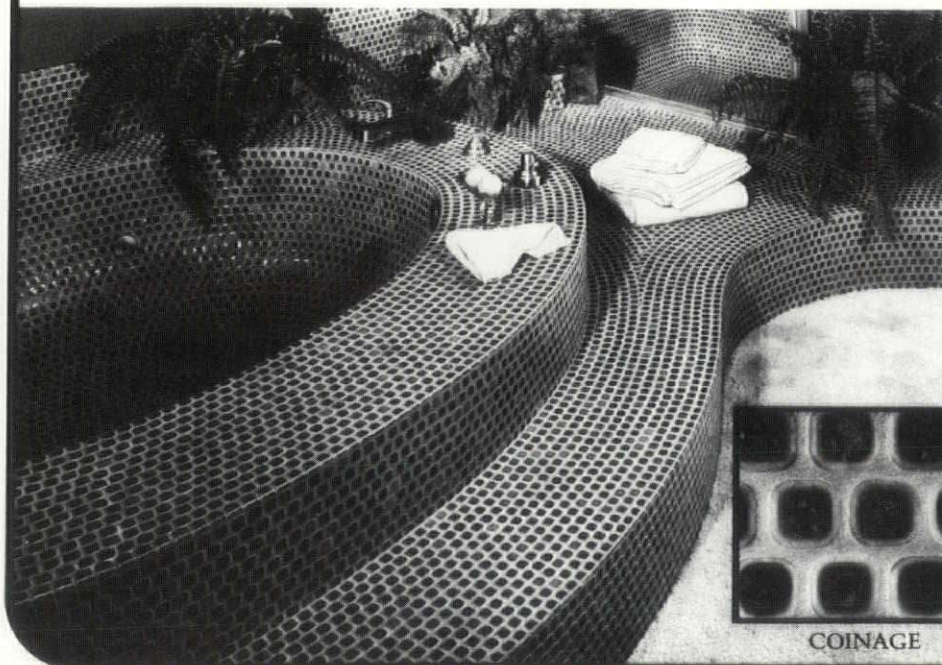
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Call or write for rate card Phone: 946-1565



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## When you specify LATCO you go with a winner.

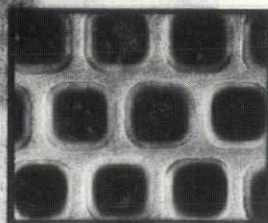


Coinage was the LATCO tile, tile contractor Herman Schock of Northridge, California, specified for this award-winning Roman bath.

But LATCO Valencia did the honors in his award-winning kitchen. And LATCO Rajah reigned supreme in his award-winning bar. All part of the Ceramic Tile Institute's 1978 Judge's Award for the best use of tile in a single-family dwelling.

Schock uses LATCO because, after 11 awards in 11 years, he knows it's a winner.

Let us introduce you to the LATCO winners' circle of specialty tiles.



COINAGE

Distributed by

*Coast Enterprises  
of Hawaii, Inc.*

3159 Koapaka Street

836-2677



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## With a Central Gas Water Heating System.

**Save money, space,  
and energy! Build Central  
Water Heating into your  
next building.**

### **Save Money!**

You save on your first costs – \$75 or more a unit! Owners end up paying less too! Because master metering means wholesale gas rates: it's cheaper to serve many than one. And future replacement costs are only a fraction of the alternative.

### **Save Space!**

With Central Gas Water Heating you eliminate individual water heating units. Result? Extra space for a closet, storage or whatever.

### **Save Energy!**

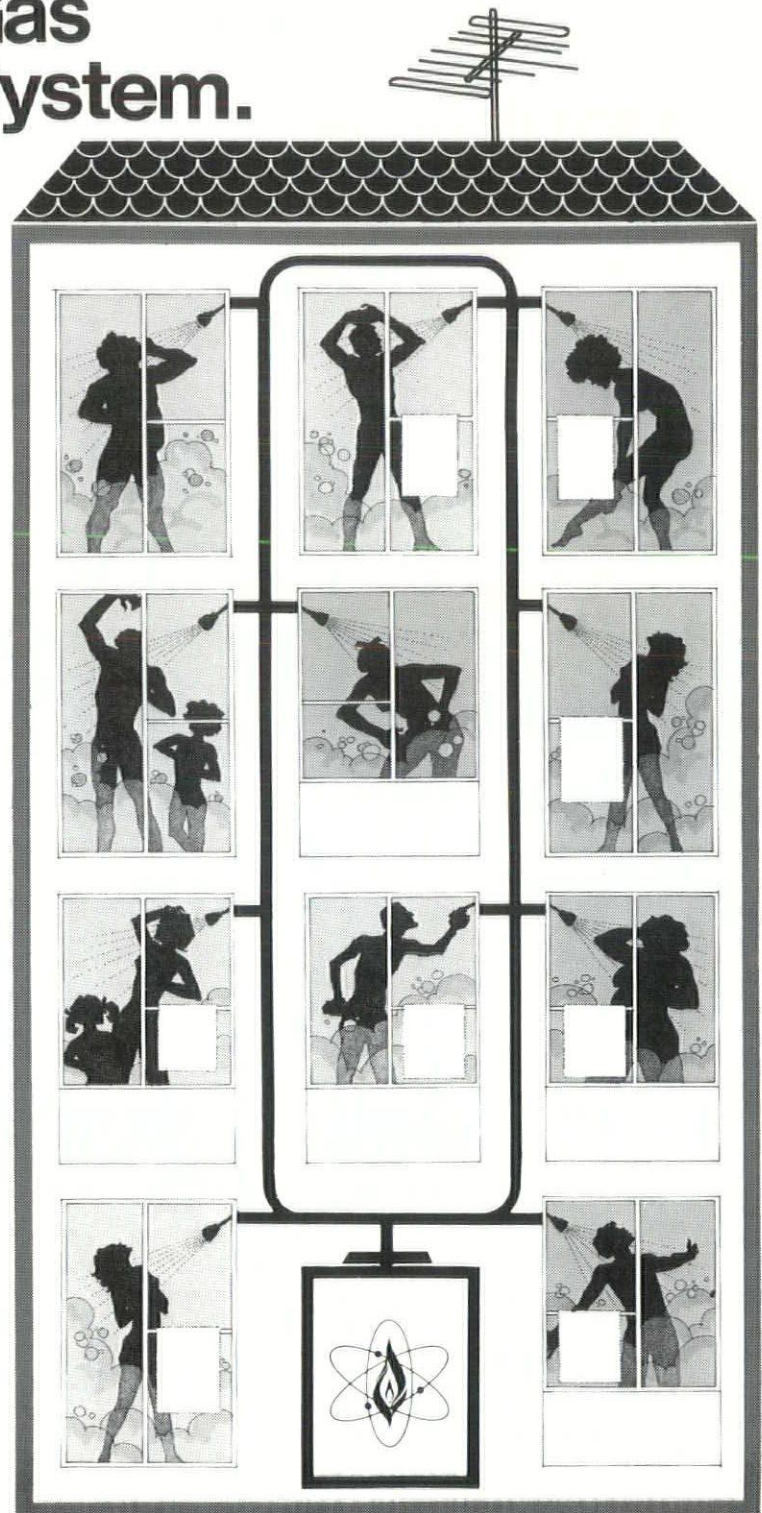
A gas water heater uses 40% less primary energy than an electric one. What's more, Central Gas Water Heating readily adapts to solar energy systems – something that individual electric units can't do.

Call us. Find out all the details that make heating water with Central Gas Water Heating a gas! Charlie Brazell and Ed Inouye.

**547-3519**

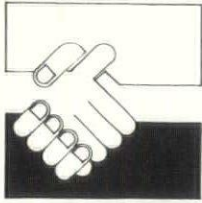
**The Gas Company**  
**A PRI Company**

515 Kamakee Street Honolulu, Hawaii 96813



An equal opportunity employer.

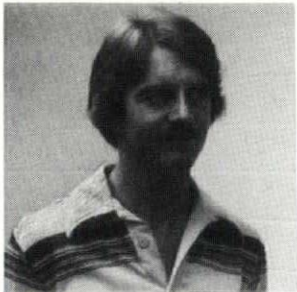




New Members



EDMUND CHANG; Associate Member; Anbe, Aruga & Ishizu Architects, Inc.; B. Arch. University of Hawaii. Hobbies: basketball, pool.



STEPHEN E. HAMLIN; Student Affiliate; Class of '82. Hobbies: bowling, hiking, photography.



JOHN J. IDA; AIA Member; Group 70, Inc.; B. Arch. University of Hawaii; M. Arch. U.S. Army Engineering School. Spouse: Sandra. Children: Stephen, 9, and Scott, 5 months. Hobbies: swimming, jogging.

## If you do business in Hawaii . . .

and want to keep track of your clients, or need to glance at building permits, tax liens, foreclosures, public hearings, real estate trans-

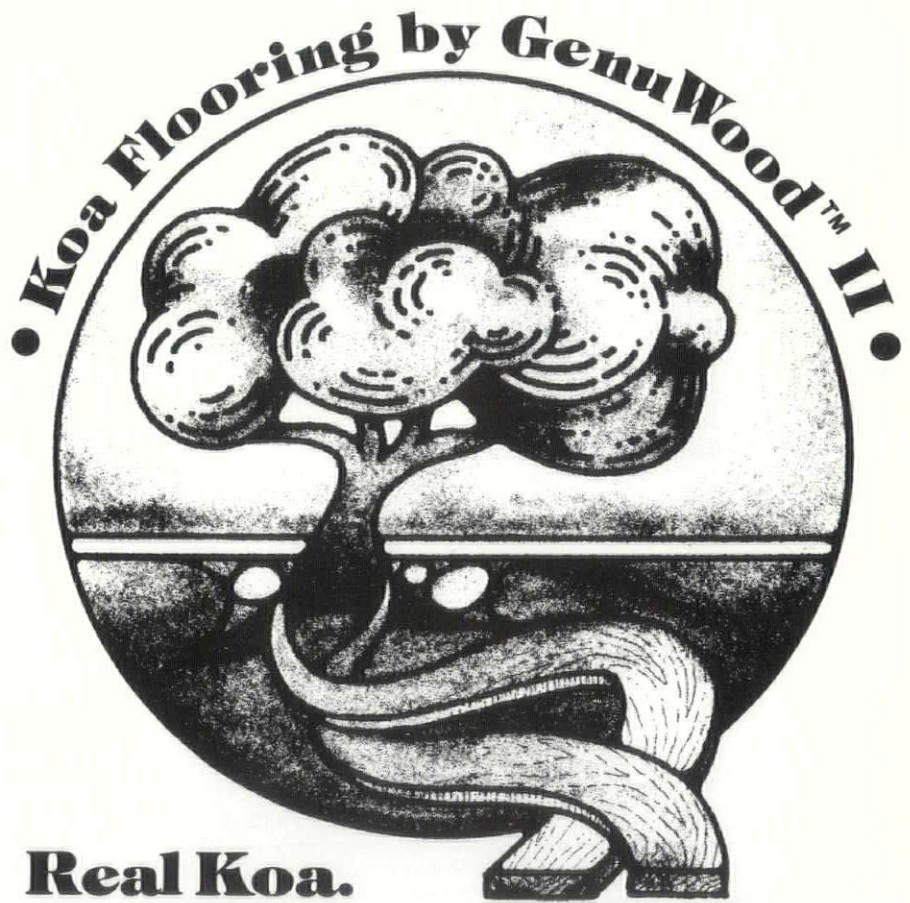
actions or any of a number of scintillating bits of information



PACIFIC  
BUSINESS  
NEWS

## . . . we have news for you

For information call 521-0021.



## Real Koa. Bonded in durable vinyl.

Elegant Koa Flooring. Lustrous. Warm. And as maintainable as a kitchen floor. More resistant to abrasion than vinyl tile or vinyl asbestos; won't show wear or traffic patterns. Available in 4" x 48" and random planks. Oak, walnut, and teakwood also stocked in Hawaii.

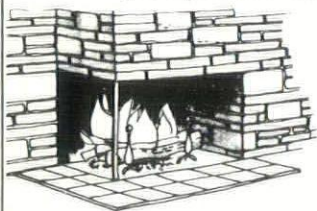
## paul rasmussen inc.

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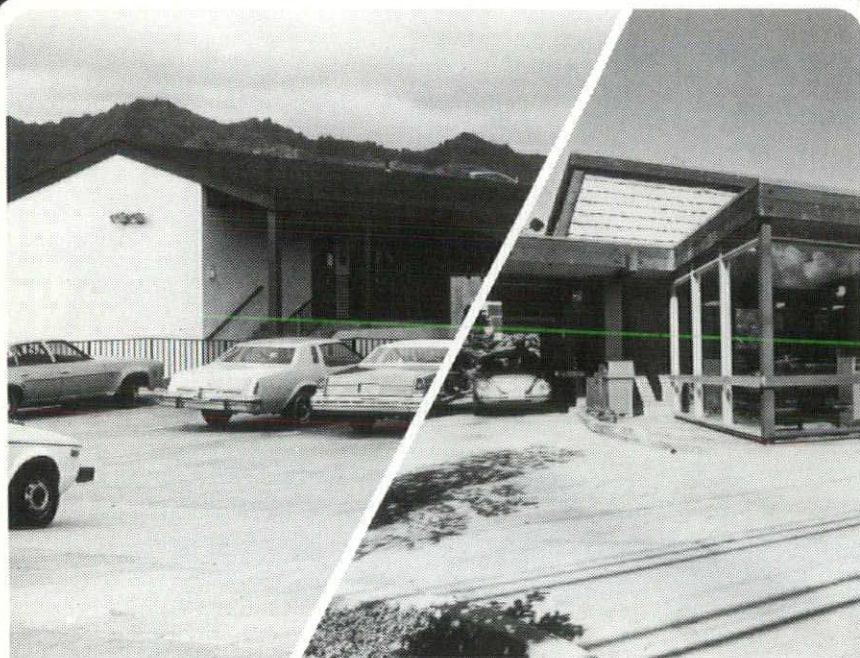
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CONCRETE parking lots serve longer, look better, and enhance the operations of which they are an essential part, mainly because they are constructed of CONCRETE. A few minutes of design foresight equals years and years of extra customer satisfaction.

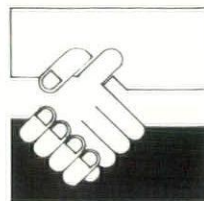
A wide range of CONCRETE texture and color finishes, plus flexibility in lane and stall markings, and with special non-skid surfaces, all offer better traffic control, and a higher range of safety. Site-cast CONCRETE for parking lots or buildings offers unmatched durability and maintenance-free economy.

For technical assistance, call the CCPI Research Library, 833-1882.

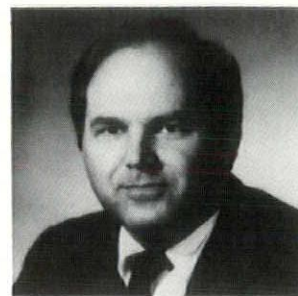


**CEMENT AND CONCRETE PRODUCTS INDUSTRY OF HAWAII**

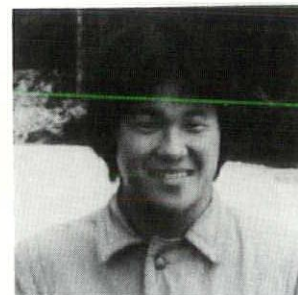
Suite 1110 / Control Data Building / 2828 Paa Street / Honolulu, Hawaii 96819



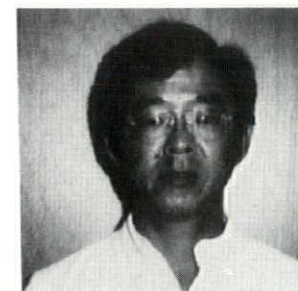
**New Members**



**DOUGLAS P. LUNA;** Student Affiliate; University of Hawaii; B.S. in Business Administration, U.C. Berkeley; M.B.A. University of Southern California. Hobbies: photography, skiing.

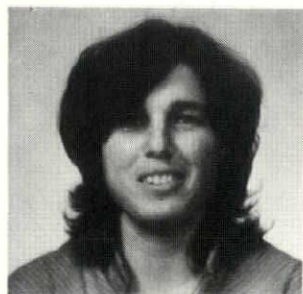


**RONALD NAKAGAWA:** Student Affiliate; Class of '84. Hobbies: surfing, guitar.



**RICHARD S. OSATO;** AIA Member; Alfred A. Yee & Associates; B. Arch. Illinois Institute of Technology. Spouse: Lynn M. Children: Matt and Marci. Hobbies: golf, fishing.

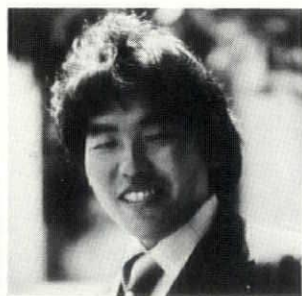




CHRISTINA T. PEREZ; AIA Member; Robert C. Smelker & Associates; B. Arch. University of Texas, Austin.



SHERYL B. SEAMAN; AIA Member; Group 70, Inc.; B. Arch. University of Hawaii.



BRIAN T. TAKAHASHI; Associate Member; Group 70, Inc.; B.F.A. in Environmental Design, University of Hawaii. Hobbies: sketching, silk screening, guitar, music, jogging, reading, kite-flying, cooking.

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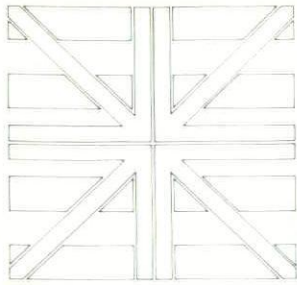
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## Standards: Lettering

"Uniform, simple and legible ..."

MAIN TITLE:

A B C D E F G R S T U

1/4"  
3/16"  
1/4"

W X Y Z

SUB TITLE:

A B C D E F

V W X Y Z

3/16"  
1/8"  
3/16"

V W X Y Z

ALL OTHER LETTERING

A B C D E F G H I J V W X Y Z

1/8"  
1/16" or 1/8"  
1/8"

V W X Y Z

NO FANCY LETTERING

DIMENSIONING

1 2 3 4 5 6 7 8 9 0 1/8" 1/4" 3/4" 1/2" 1/8"

Notation to be connected to an item with a simple line ending in a plain, free-handed arrow.



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# Streamside for restful living, Ceramic Tile for easy care at Nuuanu Brookside Condo



**Plentiful room for your own tropical garden on this spacious Nuuanu Brookside apartment lanai. Ceramic Tile, of course, in these kitchens, both floors and kitchen counter tops. (inset)**

**Architect:** Walter Leong & Associates, Inc.  
**General Contractor:** Charles Pankow Associates

It's a beautiful new high rise condominium only a few short blocks up the hill from the center of things in downtown Honolulu. The newly opened Nuuanu Brookside condo offers plenty of amenities including attractive, long lasting Ceramic Tile on bathroom floors and walls, on kitchen floors and counter tops, plus completely tiled expansive lanais. The location is 55 Judd Street just off Nuuanu Avenue and next to winding Nuuanu Stream gurgling along beside the condo's large outdoor pool. You should see it. What a setting!

## HERE AGAIN—THE TREND TO GENUINE CERAMIC TILE

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