

Hawaii Pacific Architecture



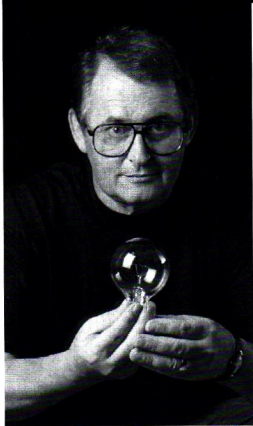
Computer Technology and the Spirit of Architecture

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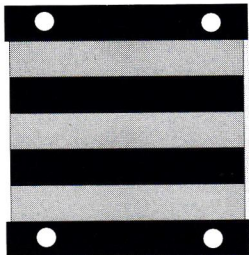
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AND ENTERTAINMENT
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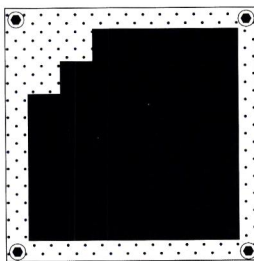


King Kalakaua Plaza

DEVELOPER

Honu Group, Inc.

Entertainment
Graphics
Exhibits
and Sculpture



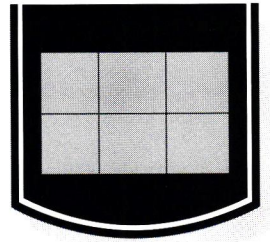
**PELE AWARD
AIA AWARD OF MERIT**

The Dole Cannery

DEVELOPER

Horizon Group, Inc.

Color Theme
and Signage Concept



The Shops at Wailea

ARCHITECTS

Architects Hawaii, Ltd.

OTHER SIGNIFICANT PROJECTS

Bishop Square
Chaney Brooks & Co.
Grosvnor Center
Harbor Court Residential
Hawaiki Tower
KHON TV Broadcast Center
Koko Marina Shopping Center
Outrigger Hotels & Resorts
Zippy's Restaurants

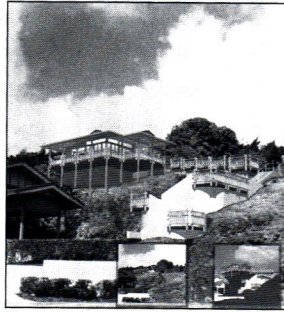
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Exhibits, Packaging, Branding
Store Front Design,
and Sculpture

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Today's technology allows architects to do more than ever in service to their clients. From Computer Aided Design to Internet communications, architects in both large and small firms enjoy the benefits of technology while still providing the human interaction necessary to a successful practice.

COVER: An anchor store at The Shops at Wailea is realistically represented using a variety of CAD software packages, scanned photographs and manual rendering. Rendering courtesy of Architects Hawaii.

Hawaii Pacific Architecture is the bi-monthly journal of the AIA Hawaii State Council. Subscriptions are \$24 per year. Foreign subscriptions: \$48. Opinions expressed by authors do not necessarily reflect those of either the AIA Hawaii State Council or the publisher. The appearance of advertisements or new products and service information does not constitute an endorsement of the items featured.



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Hawaii Pacific Architecture (ISSN 1089-4470), 1034
Kilani Ave., Suite 108, Wahiawa, Hawaii 96786.



AIA Hawaii State Council
The American Institute of Architects

April 1999

Dear Readers of *Hawaii Pacific Architecture*:

This April/May issue is the last issue of *Hawaii Pacific Architecture* to be published under the contract between PMP Publishing and the American Institute of Architects Hawaii State Council. Changing times require evolving ideas for informing the public about architecture and its clientele.

When PMP Publishing took over this responsibility some 14 years ago, the magazine was a black-and-white publication with a subscriber list of about 1,000 architects and their close associates. The subscriber list has grown to over 5,000 people consisting of elected officials, developers, financiers, community leaders, professionals, and other important citizens in our community.

The magazine has won awards from the publishing industry. In its pages can be seen the result of enlightened patronage harnessed with the architect's dreams and the builder's well-crafted object. Not only new designs were featured, but articles on Hawaiian thatched houses and historic military architecture have appeared. These magazines form an invaluable record of design issues and accomplishments over a significant period in Hawaii's history.

The American Institute of Architects thanks PMP and its employees for their years of dedication to architecture and to this magazine. Gratitude is also expressed to the past and present *Hawaii Pacific Architecture* Editorial Board, the numerous contributors of articles and photographs, and our loyal advertisers.

Aloha and Mahalo,

Daniel Chun, AIA
President

Computer technology in today's architecture office

Practice for the New Millennium

by Bettina Mehnert, AIA

As the clock ticks towards the next century, architects can't help but wonder what the new millennium holds in store for architectural design. Once an esoteric and expensive tool used only by the largest firms, the CAD (Computer Aided Design) workstation has now become an essential element of any architectural office.

While some architects fight the notion that CAD is an unpleasant necessity for doing business which is relegated to other people if possible, others believe it is the best thing that has happened to the building design profession, providing a boost in profitability and the ability to offer new services. Depending on how CAD is implemented in the office, either of these statements could be true.

For many architects, making the transition

from manual drafting to drafting software to 3D supporting architectural software hinges in part on the philosophical approach a firm



follows, the types of building design it does, and how it develops the design. In most cases, the smartest path is to add a station or two devoted to 3D visualization. More clients are starting to ask for, and even expect, perspec-

A computer-generated wireframe and hand rendering are combined to provide an attractive representation of The Queen's Medical Center Emergency Room.



A computer-based color elevation study of The Shops at Wailea gives clients a good idea of the design intent.