

## BASE Line

March/April 2004

Steven M. Baldrige, P.E., S.E.

Perhaps more than ever, it is important to stress the significance of **quality** and **economy**. It takes special consideration to make certain both of these coveted attributes are represented in projects. The following projects reflect BASE's recognition of these vital elements:

Todd P. Dwight, S.E.

Frank K. Humay, Ph.D., S.E.

Chad H. Nakamoto, S.E.

Evan A. Mizue, S.E.

Rebecca A. Yee, P.E.

Kevin M. Smith

Tracy M. Duke

Fe O. Rodillas

Marcial J. Sialana

Woo Sung Chang

- QUALITY** - Quality and innovation have been recognized by the General Contractor's Association of Hawaii during their annual **Build Hawaii Awards 2004**. Bachelor Enlisted Quarters P-593 has been awarded the **Design-Build Construction Award of Excellence**. BEQ P-593 is a five-story dormitory building, and the first residential project in Hawaii to include Military requirements to prevent "Progressive Collapse". Our office developed the innovative **BASE Hangar System** to redistribute building loads if a primary building element is lost due to a terrorist blast. This approach proved to be an extremely economical solution to the stringent Anti-terrorism requirements.



John D. Chesak, P.E.

- ECONOMY** - The Plaza at Punchbowl, a multi-story residential project, required extensive value-engineering to bring the project in on budget. Baldrige and Associates Structural Engineers, Inc. were retained to re-engineer the structure. Optimizing the column layout of the structure was an integral part of reducing the overall construction budget by \$3,000,000 dollars. The savings were achieved while enhancing performance – something we call **Value Added Engineering**. Other examples include Home Depot, Iwilei (over \$400,000 in savings) and Salt Lake Self Storage (over \$350,000 in savings).



**Value Added Engineering:** *BASE's dedication to providing clients with required, or better, level of performance at reduced costs.*

