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AUGUST, 2015

THE PINEAPPLE

By Samuel S. Dannaway, PE, FSFPE

My first office space was in the old American Can Company Warehouse, also known as the 1928 building (having been built in 1928) in the Dole Cannery Complex. The address was 720 lwilei Road. Our tiny 520 square foot office was located on the fourth floor, accessible by two ancient freight elevators; you know the ones with manually operated doors and gate. One cool thing about our location was that it was in shadow of what was one of the most significant landmarks in Honolulu, a water tower that looked like a pineapple.

In 1927, the Hawaiian Pineapple Co. (HPC), later to become the Dole Food Company, undertook a major expansion of its processing plant, located in the Iwilei section Honolulu. The expanded plant and its several new buildings eventually covered a total area of 19 acres. Of course, a reliable water supply was needed for the many new automatic sprinkler systems. As part of that water supply, a new water tank would be constructed. The tank was designed by HPC engineer Simes Thurston Hoyt.

The architect in charge of the expansion project was famed Hawaii architect Charles William (C. W.) Dickey. Of interest is that Dickey was the brother-in-law of James Dole, the Pineapple King, founder of the Hawaiian Pineapple Company. Dickey is known for defining the Hawaiian style of architecture that has held sway through today.

In a moment of inspiration, Dickey proposed that the tank be built to resemble a pineapple. The rest is history.

Engineer Hoyt developed the tank design and contracted its manufacture to the Chicago Bridge and Iron Co. (CB&I) factory in Greenville, Pennsylvania. The tank was shipped to Honolulu in three pieces. The Watertower, Chicago Bridge and Iron's newsletter predicted the tank would "no doubt be one of the important objects of interest to visitors at Honolulu."1.

The Pineapple made CB&I famous and started a trend. CB&I later built other product based water tanks including the Gerber Baby Food Jar in Rochester, New York and the Sir Walter Raleigh Tobacco Can in Louisville, Kentucky.

Erection of the tank was completed in January of 1928. The tank measured 24 feet in diameter and 40 feet in height. It was placed on a 100 feet tall steel structure. When the delicate leafy crown and red aircraft beacon were placed, the Pineapple Water Tank stood out as the tallest structure in Honolulu.

For us fire folks, the tank's design gives us a glimpse of early fire sprinkler design and installation.

In 1927, the design of sprinkler systems for a manufacturing plant would likely be based on the 1926 edition of NFPA 13. Sizing of sprinkler system piping was according to the "1-2-3" pipe schedule, introduced with the 1905 edition of NFPA 13. The "1-2-3" designation indicated that a 3/4-inch pipe could supply one sprinkler, a 1-inch pipe could supply two sprinklers, 1 1/4-inch pipe could supply three sprinklers, and so on. This pipe schedule remained unmodified until 1940 at which time the use of 3/4-inch steel pipe in a pipe schedule system was prohibited and the schedule became known as ordinary hazard pipe schedule. It is noted that with the 1931 edition of NFPA 13 the "1-2-3" pipe schedule become known as the Class A sprinkler system. This was done to distinguish it from the newly established Class B system. The pipe schedule for Class B systems was modified in 1940 and became the light hazard pipe schedule. 2

It is safe to assume that the buildings at HPC were protected by the "1-2-3" pipe schedule systems (ordinary hazard). Now, let us assume the water supply requirements for pipe schedule systems were the same as those of today and that ordinary hazard sprinkler systems at the plant protected buildings of both combustible and noncombustible construction. Let us further assume the sprinkler systems were supervised by plant personnel. Then it would be reasonable to establish the water supply requirements at a flow of 1,500 gpm for 60 minutes for a minimum total capacity of 90,000 gallons (see Table 11.2.2.1 of NFPA 13, 2013 edition). That would explain why the pineapple tank was sized to hold 100,000 gallons of water.

The American Can Company Warehouse, where my office was located, had such a 1-2-3 pipe schedule sprinkler system, complete with 3/4-inch steel pipe. The building had 13 feet high ceilings, perfect for storing pallet loads,



two or three high, of the empty tin cans for holding those juicy circular slices of pineapple. Another interesting thing about this system is that the installers took full advantage of the NFPA 13 provisions allowing the bending of steel pipe. Another thing that always amazes me about the sprinkler system is those eightinch diameter threaded tees. The fitters in those days must have really had some.

Sprinkler protection was not only provided for process and storage buildings. The well-appointed headquarters building was also protected. Grinnell quartzoid sprinklers, the first glass bulb sprinkler, shown in the photo, were originally installed in the main entrance lobby of the HPC headquarters office building. The sprinklers were ornately adorned with lead attachments coated in gold leaf (not sure if that came with a listing).



Now let us get back to the water tank. In addition to its importance to plant fire protection, the pineapple water tower was also a powerful memory trigger to the thousands of island teenagers (my wife Linda and her sister Irene, included) that spent summer vacations working at the plant. A recent article in Honolulu Magazine 3 contains recollections of several who worked there as teens. Though the thing they seem to remember most is the overpowering smell of the sweet pineapple (Linda recalls smelling like pineapple on the long bus ride home to Waipahu) there is no doubt that every time they drove by Iwilei, either along Nimitz Highway, Dillingham Boulevard, or King Street; and saw the pineapple, fond and not so fond memories, alike, would abound.

To many other locals, the tank was like an old-time GPS. For decades, locals used the landmark as a point of reference for giving directions and for getting around Honolulu. For the first several years in my office on lwilei Road, barely a week went by when I used the tower to help clients find our location. Nobody

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Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



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Luncheon Event - August 4

Please join us Tuesday, August 4, for a luncheon event at the Old Spaghetti Factory. Our featured guest speaker will be Mr. Eric Gleason, President of NextEra Energy Transmission LLC. NextEra Energy Resources with its affiliated entities is the world's largest generator of renewable energy from the wind and sun. The potential merging of their technical know-how, experience and resource strength with Hawaiian Electric Industries will bring about many changes to Hawaii. Additional information is available hawaii.apwa.net/events/chapter.

Joint Meeting - September 8

Please join us Tuesday, September 8, for a luncheon event with ASCE Pomaika'i Ballrooms at Dole Cannery Iwilei. Governor Ige is anticipated to be our featured guest speaker. Please join us and hear his thoughts on his term in office, future goals and visions, and roles of the engineering community to help bring his goals and vision to fruition. Additional information will be available at hawaii.apwa.net/events/chapter.

General Membership Meeting - June 26

On June 26, Hawaii Chapter held a General Membership meeting which featured the City's ePlans program. Presenters from the City and County's Department of Planning and Permitting included Mark Leoncio, Ken Schmidt and Mario Siu-Li. Implemented since 2012, the program allows electronic review of building (new residential and commercial) permit, construction and grading plans. Benefits of the program includes a more transparent and efficient permitting process.

National President Visit

APWA National President Larry Stevens paid a visit to Hawaii Chapter in early June before he continued on to the International Public Works Engineering Australasia Conference held in Rorotua, New Zealand.

Board members, membership and representatives from various City and State agencies welcomed Larry on June 1 during a Meet and Greet event at the Old Spaghetti Factory. The following day, Mr. Stevens had the opportunity to tour various rail improvements in progress and the Kaneohe-Kailua Sewer Tunnel project which included viewing of the drop shaft for the tunnel boring machine.

Special thanks are made to Darin Mar, Deputy Director with the Honolulu Authority for Rapid Transportation, and Russell Takara, Assistant Chief of the City and County's Department of Design and Construction-Wastewater Division, for their assistance with the various tours



Honolulu, HI 96830 Website: www.acechawaii.org

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LETTER FROM THE ACECH PRESIDENT Written by Robin M. Lim, P.E.

Thank you for passing on the torch of the ACECH Presidency from our distinguished Past President Bill Bow to me for this coming year. As an engineer who is passionate about my work, I look forward to using this platform to continue to grow our membership during this time of remarkable infrastructure growth in

One of my main goals this coming year will be to get younger engineers, i.e. those in the profession under 40 years of age, to become interested in the business aspect of the engineering profession. These younger engineers now comprise the largest percentage of our workforce. They are familiar with a range of technologies that didn't exist just a few years ago and have skills that will help develop the next round of innovation. Due to globalization and digital technology, the pace of change in the business world is faster than ever. In order to effectively partner with clients and remain competitive, engineers in our design and construction industry have to equally embrace the business side of the engineering profession. The generation of younger engineers have the skills that will allow them to effectively navigate this new business world.

Engineers under 40 should not see themselves as just technicians, and engineering should not be seen as just a technical practice. The business development side of engineering is the aspect of our practice that is in sync with the needs of our clients and the growth of our communities. By anticipating and understanding the needs of the client, engineers can deliver more appropriate professional work products. By networking and being proactive about growth opportunities, engineers can effectively grow their practice.

In order to succeed in the business development side of our practice, it is necessary to be organized, honest, innovative, and an excellent communicator, all the while developing and incentivizing growth opportunities. ACECH provides an excellent forum for those interested in building the strategic relationships and partnerships needed for the business development side of our profession. I very much look forward to working with you during the coming vear - Mahalo!

Robin M. Lim. P.E. ACECH President (FY 2015-2016)



CCMAA Hawaii Chapter

http://hawchapter.cmaa.org

Officers

President Derek Mukai 531.4252 President@cmaahawaiicmaa.org Vice Pres. Jeff Clark 225.6799 Vicepresident@cmaahawaii.org 651.4541 Bill Thornton Secretary Secretary@cmaahawaii.org Chandra Namumnart Treasurer 561.7393

Treasurer@cmaahawaii.org 256.5952

Past President Tim Bramsen Hawaii.cmaa@gmail.com

Directors Dustin Timm

256.2020 Mike Young 836,7787

Save the Date- 2015 CMAA Hawaii 4th **Annual Scholarship Golf Tournament**

When: 2 October 2015

Where: Coral Creek Golf Course

Details to follow via email blast. Please make plans to join us or otherwise support this event that generates scholarships for our local CM College Students and funds our other CMAA Chapter events!

CMAA Hawaii Chapter News:

Following on the heels of our very successful Community Service event at Hale Hilina'i, CMAA Hawaii joined other Engineering groups and Sustainable Coastlines at Ala Moana Beach park on June 27th for a Beach Cleanup. This was a great event hosted by HWEA/ASCE/AWWA focusing on removal of waste from hard to reach areas before it entered our oceans. Also in June, we hosted our 2nd Happy hour at HASR in Chinatown. Great food and camaraderie- A huge mahalo

CMAA Hawaii's 2015 Calendar of events

July 21st 2015 - CMAA Luncheon Hale Ikena Fort Shafter- Guest Speaker: HART. Subject: Rail update and CM opportunities.

September 1-14, 2015 - 2016 CMAA Board Elections- Voting window.

September 15th, 2015 CMAA Luncheon, Hale Ikena Fort Shafter- Guest Speakers CMAA Educational Committee, Subject CCM Certification and Recertification, obtaining Continuing education credits.

September 25, 2015 CMAA End of Year Paina (Location TBD)

September 2015 - CM Student Site Visit to an active project

September 2015 - Awarding of CMAA CM Student Scholarships

September 2015 - CMAA Community Service event at Hale Ikena

October 2, 2014 - CMAA Hawaii 4th Annual Golf Tournament

October 11-13, 2015 CMAA National Conference, Orlando Fl.

November 17, 2015 - CMAA Luncheon, Hale Ikena Fort Shafter

November 2015 - CM Student Site Visit to an active project

December 4, 2015 CMAA End of Year Happy Hour

to all of those who joined us for these events! Our next bimonthly Luncheon will be held July 21, at Hale Ikena- Representatives from HART will join us for a Rail update and discussion of upcoming CM opportunities.

On October 2nd CMAA Hawaii will hold our 4th Annual CMAA Scholarship Golf Tournament at Coral Creek Golf Course- The proceeds of this event support the awarding of educational scholarships to our deserving CM Student Chapter members.

Our chapter is here as a resource for all Construction Engineering and Management professionals.

If you have any questions regarding any of our upcoming events, would like to join our Ohana and become more involved with the CMAA Hawaii Chapter or would simply like to be added to our email list, please email us at hawaii.cmaa@gmail.com, also please note that we have a new mailing address; CMAA Hawaii, PO Box 531, Honolulu, HI 96809

Looking for a CCM? The current listing for all CCMs can be found https://cmaanet.org/certified-constructionmanagers-registry.



www.asme-hi.com

ASME-HI 2015-2016 Officers

Derek Sato 543-4108 Chairperson Derek.sato@hawaiianelectric.com Vice-Chair Derick Kam

derickFPE@gmail.com Victor Russell Secretary

dsaengr@aol.com Kevin Dang Treasurer 737-1708

dangk001@hawaii.rr.com

Past-Chair Kory Ikeda HCES Rep: Derick Kam Alternate: Derek Sato

NEXT ASME-HAWAII SECTION GENERAL MEMBERSHIP MEETING

Scheduled for July 22, 2015. Date: Time: usually 5:30 pm to 7:00 pm HECO Ward Ave Cafeteria Place: Conference Room

Agenda: To be determined.

All members are invited and encouraged to attend our meetings. There are always lots of free pizza and soft drinks. Please contact Chairman Derek Sato or Ed Chang for directions and for more information, such as parking

HILITES OF JUNE 24 EXECUTIVE COMMIT-TEE MEETING

within Hawaiian Electric's Ward Avenue facili-

Meeting was held in the Hawaiian Electric Company Ward Avenue cafeteria starting at 5:30 PM with Chairman Derek Sato presiding. The following were discussed:

• Dr. Zac Trimble reported on the 2015-2016 Student Section officers, which include President Saylan Siemann, Vice-President Forlian Garma, Treasurer Julie Mishima. Secretary Karen Calaro, Webmaster Tina Li, Historian Jordan Enos, Events Committee Chair Shoshanna Douglas, External Events Committee Chair Stephen Sabala, and Finance Committee Chair Sean Grant. The students plan on sending representatives to the ASME National Conference in spring 2016

- ABET accreditation process: Dr. Trimble reported that the ABET self-study report was in progress and is due June 30. The onsite ABET review will occur this spring.
- Derek Sato reported the 2015 Ballot-Survey results including 2015-2016 officers and

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P.O. Box 4135, Honolulu, Hawaii 96812 Website: http://www.falea.org

2014-16 Officers/BoDirectors

President: Francisco T. Cruzata, AIA VP/Pres-Elect: Gene C. Albano, Jr., PE, LEED AP Secretary: Maritez A. Marquez Treasurer: Riza Marie R. Gatdula, EIT Ass't Treas: Belinda P.Tegui Ramon B. Bonoan, Jr., LEED GA Auditor: Bus. Manager: Ferdinand B. Guinto, PE Press Rel. Off: John C. Ramos, PE, CSP Past President: Jeoffrey S. Cudiamat, PE HCES Rep: Francisco T. Cruzata, AIA

Gene C. Albano, Jr., PE, LEED AP

JULY 2015 HIGHLIGHTS: BOARD of DIRECTORS MTG:

Alternate:

SAFETY TRAINING - Again, our president, Frank Cruzata thanked all those who participated and/or helped out in our recently completed four Saturdays of the standard OSHA 30-Hr Safety Training classes. Roger Urbi, our volunteer instructor is willing to do the 40-Hr class (five Saturdays) provided we have enough individuals signing up. The 40 hours is needed for companies dealing with Federal Government Projects especially those involving the Army Corps of Engineers.

ARCHITECT REGISTRATION EXAMINA-TION - Frank announced that ARE has updated its Policies and Procedures and the "Guidelines" is available and can be downloaded (customerservice@ncarb.org). The new version refines and improves the testing process of the ARE. For our Architect Members' info, the ARE 4.0 test is still available until June 2018, even with the launching of ARE 5.0 in 2016.

DECEMBER CHRISTMAS PARTY - It's closer than you think, and it's decision time! We already have a contract with Pomaikai Ballroom at the Iwilei Dole Cannery. Check a prior email from Frank for details. We still need to decide which price/person out of three possible choices to take (\$50-\$55-\$60)! Just email him asap - only four more months to go. HAVE ANOTH-ER ENJOYABLE & SAFE MONTH FALEANS!



FALEA Class 2015 - OSHA 30-Hr Safetv. Roger Urbi (rear 2nd from left), Instructor.



2015-2016 YMF Officers

www.ite-hawaii.org

President: Juanita Wolfgramm jwolfgramm@ssfm.com

Vice Pres.: Sara Okuda

sara.t.okuda@hawaii.gov

Secretary: Chad Kadokawa

ckadokawa@wilsonokamoto.com

Treasurer: Chance Morrill

cmorrill@wilsonokamoto.com

Director: Pete Pascua

ppascua@wilsonokamoto.com

Section Meeting

On June 24, 2015, President Pete Pascua opened the meeting welcoming everyone to the Hawaii Section Annual Meeting at the Plaza Club. Pete announced reminders of the Western District Annual Meeting in Las Vegas, June 19 – 22; International Annual Meeting in Hollywood, FL, August 2 – 5; and Fall Technical Conference in Tucson, AZ, October 26-29.

Western District Vice President Cathy Leong reported that the Student Endowment Fund as received \$2920 in donations made in honor of Costas. As such, at the Annual Meeting the District will be presenting a plaque for his recognition, which will be given to Costas' brother. She also reminded members that the District and International elections are currently open, please take the time to cast your vote. If you would like to know more about the candidates contact Cathy for information, as she knows the candidates personally.

Pete introduced, in place of Race Randle, Tony Gaston, Howard Hughes Corporation Director of Site Development. Tony, originally from Mililani, graduated from the University of Hawaii School of Engineering, and also holds a BA from the University of Phoenix. He has previously worked with Parsons, as well as Castle & Cooke.

Tony presented the Ward Village Development, with the goal of Looking Forward. He started his presentation with an interesting aerial photograph of the area before Kewalo Basin and Ala Moana Park was developed, side by side with what the land looks like today. Ward Village is 60 acres of mixed use space, to be transformed into a vibrant community, including residential, retail, office, and industrial areas. Committed to Culture, Community, and the Environment, the Ward Village Foundation was started in January 2014. Tony also explained the transportation plans for the area. The plan is to extend . Halekauwila Street to Kamakee Street as a 3lane roadway, one lane in each direction with a center lane for left-turn; build a new street from Queen Street to the new Halekauwila extension; and have bike lanes throughout the area.

Tony opened the floor to questions and replied with answers explaining that the existing City owned roads will be built to City standards and continue to be City owned, and the other roads will remain private built to standard regulations, but not with the intent to be turned over to the City so that special colored sidewalks and varying finished can be used. He also stated biking is very much being encouraged, as 30 bike racks have been ordered as well as 4 bike service stands.

Pete called up the outgoing officers to thank them for their year of serving the Hawaii Section. Robert Nehmad as Treasurer, Sara Okuda as Secretary, and accepting for Natasha Soriano as Vice President was Steve Yoshida. Each received a certificate of appreciation and a commemorative wooden bowl.

Erron announced and Cathy swore in the new 2015-2016 ITE Hawaii Section officers:

President – Juanita Wolfgramm Vice President – Sara Okuda Secretary – Chad Kadokawa Treasurer – Chance Morrill

Robert gave his outgoing Treasurer report stating that the Sections finances has been consistent for the past 5 years, as dues went towards subsidizing meals for students and speakers at meetings and awarding grants for students to present at the District meeting.



PO BOX 3348, HONOLULU, HI 96801 Web Page URL http://www.seaoh.org

2015 BOD OFFICERS AND DIRECTORS

Position	Officer	Phone	
President	Fernando Frontera	781-2802	
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Vice President	Jeffrey Hanyu		
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Treasurer	Jinghai Yang	791-3947	
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Director (Yr 2)	Tim Waite	479-1216	
	twaite@strongtie.com		
Director (Yr 1)	Dennis Sakamoto	682-5737	
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Director (Yr 1)	Gaur Johnson	956-2377	
	gaur@hawaii.edu		
Past President	Ethan Okuna 9	45-0198 x103	
	eokuna@cshengineers.com		

HIGHLIGHTS OF BOD MEETING

July 1, 2015

General Membership Meetings/Technical Seminars/Events

For all events see seach.org or look for email flyer for registration.

- August 14-15 Annual Convention @ Aulani. Friday program includes Project Management Workshop presented by Mr. Howard Birnberg with Zweig Group. Saturday morning speaker Dr. Randall Poston of Pivot Engineers will present on ACI 562-13. For additional information, including exhibitor registration, please see our website. Registration is due by July 28th.
- September 10 "ACI318-14 Reorganized for Design Building Code" seminar from 8:00 am – 4:00 pm at the Honolulu Country Club. See website for additional details and registration.

Education Committee

SEAOH is kick-starting our Education Committee! Our education committee will aim to educate and inspire the next generation of engineers. We have many opportunities to present at high school STEM Engineering Days and other events. If you would like to join this committee please contact Committee Chair Lyle Carden (521-4513 lcarden@martinchock.com).

Nominations for 2016 SEAOH Board of Directors

WE WANT YOU! SEAOH is looking for enthusiastic members to participate in the stewardship of our organization. Please contact E.Okuna if you have interest or would like to nominate a fellow member to serve on next year's board (945-0198 x103, eokuna@cshengineers.com). We're actively seeking volunteers or nominees for Vice President, Secretary, Treasurer, and Director.

\$1,000 SEAOH Scholarship

We are accepting scholarship applications through September 11. Application is available on the SEAOH website, www.seaoh.org. Intent is to encourage college education for Hawaii's youth - especially for those with structural engineering interests.

New Member Applications

Application for the following individuals has been received and is open for comments from the membership: Deborah Kim-Ito at Clark Dietrich Building Systems as an Affiliate Member; Lauren Tolentino at Bonded as an Affiliate Member; Jonathan Okunaga at Nagamine Okawa Engineers as an Allied Member.

Missing Members

Please contact Membership Chairperson, Jiabao Chen (791-3945 *jchen@kaihawaii.com*), or any of the SEAOH Officers if you have a new mailing and/or email address.

Next Meeting

The next SEAOH Board of Directors and Officers meeting will be on August 5, 2015. For location, contact SEAOH President Fernando Frontera (781-2802 ffrontera@baseengr.com).



PO box 4353, Honolulu, Hawaii 96813 An association for Hawaii's Engineers and Architects

WEB address: www.eahawaii.org

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Director	Geoffry Paterson, AIA	
Director	George Coates, AIA	
Director	Howard Wiig, PE	587-3811
Past Pres	Joseph Feind, PE	543-4781

EAH's new meeting location is Room 301 in the Topa Tower (Ewa tower on Fort Street; Old AMFAC Building). Validated parking is available (enter from Nimitz). The WEB site has been updated to provide directions and a Map. If you have questions please call Sam Gillie (543-4739).

Meetings are held every Friday (except Holidays). Meetings start at NOON and have ended PROMPTLY at 1:00 pm for 70 Years. Program schedule may be adjusted. Call Sam Gillie to confirm speaker 543-4739; Fax 203-1335.

Lunch is \$10.00 Members, \$12.00 Guests. (All Welcome), Students Free. Drink refreshments are complimentary. You may bring your own lunches, in which case a \$2.00 donation is gratefully appreciated!!



STRUCTURAL SYSTEMS, INC.

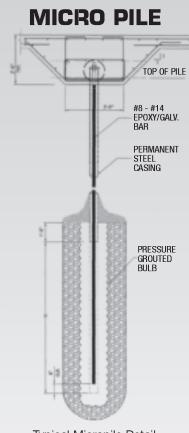
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MICRO PILES As defined in FHWA-RD-96-016 "Micro-piles are small diameter drilled and grouted reinforced piles used for both structural support and insitu earth reinforcement." Typically less than 10" in diameter, allowable design capacities frequently exceed 100 kips and our crews have performed testing in excess of 225 kips or over 100 tons. Micro-piles are frequently used where a deep foundation system is required in difficult substrata conditions, or where driven piles or large diameter systems are impractical due to subsurface obstructions, or limitations presented by existing buildings at or adjacent to the project site.

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Typical Micropile Detail



Since 1985 in Hawaii, Structural Systems and its allied company Kelikai have compiled decades of experience installing deep foundation systems. Our experience includes a range of piling systems for bearing support, and a selection of differing anchor systems for tension applications. Additionally, we are authorized installers of the Atlas and Chance brands of pre-engineered foundation systems for both new construction and remedial/underpinning applications. Hawaii has widely variable and difficult subsurface conditions. With their experience, our staff and field crews are peerless in their ability to address all the differing geotechnical conditions unique to Hawaii.



STRUCTURAL SYSTEMS, INC.

General Engineering

P.O. Box 30296 Honolulu, HI 96820 Telephone: (808) 845-2474 Fax: (808) 847-2966 Email: structurs001@hawaii.rr.com

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2014-2015 ASCE HAWAII SECTION OFFICERS

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AUGUST DINNER MEETING

There will not be a dinner meeting in August due to the joint APWA meeting and OCEA Awards Banquet to be held in September.

SEPTEMBER JOINT LUNCH MEETING

The ASCE Hawaii Section will hold a joint lunch meeting with APWA at which Governor Ige will be speaking to the group. The meeting will be held on Tuesday, September 8, at the Pomaika'i Ballrooms. More details about the meeting will be available later this month.

OCEA CALL FOR NOMINATIONS & AWARDS BANQUET ANNOUNCEMENT

The ASCE Hawai'i Section seeks nominations for the 2015 Hawai'i Outstanding Civil Engineering Achievement (OCEA) Awards, which honors the best and the brightest achievements within the local civil engineering industry. Various awards will be given to those projects that demonstrate innovative and outstanding civil engineering accomplishments by Hawai'i's design and construction professionals. The categories are:

- Large Project (>\$10M)
- Medium Project (<\$10M but >\$2M)
- Small Project (<\$2M)
- Green Building Project
- Transportation Project
- Water/Wastewater/Environmental Project
- Building and Structural Systems Project
- Studies and Research Project
- Special Project
- Humanitarian Project
- International Project

Nominations are due Saturday, August 8, 2015. Please contact *brasa@ssfm.com* if you have any questions.

The OCEA Awards Banquet will be held on Saturday, September 26, 2015 at Treetops Restaurant. More information on the banquet will be available later this month.

2015-2016 ASCE HAWAII SECTION OFFICER ELECTIONS

On Thursday, July 16, 2015 the 2015-2016 Hawaii Section Officers were voted in and are listed below.

President-Elect: Tim Goshi, P.E. Vice President: Lara Karamatsu, P.E. Treasurer: Eric Arakawa, P.E. Secretary: Jason Kage, P.E.

Ben Rasa, P.E., who was elected to the posi-

tion of President-Elect in September 2014, will lead the Hawaii Section as its FY16 President. Tim Goshi, Lara Karamatsu and Eric Arakawa who are current Hawaii Section Officers were voted in to succeeding officer positions. Newly elected officer, Jason Kage, is a Senior Project Manager at CH2M Hill. He previously served as a Committee Chair and Consultant Trustee for the AWWA Hawaii Section. He holds a B.S.C.E. from the University of Hawaii at Manoa and is a registered Civil Engineer in Hawaii and certified for LEED AP BD+C.

The officers will be installed at the OCEA Awards Banquet on September 26, 2015. Congratulations and good luck to our 2015-2016 Executive Committee!

GOLF TOURNAMENT

The 13th Annual Scholarship Golf Tournament in Honor of Steve Fong will be held on Friday, August 28, 2015 at Pearl Country Club. Deadline to register for the tournament is August 14, 2015. For more information, please visit http://www.ascehawaii.org/events.html.

EXECUTIVE COMMITTEE MEETING

Last held: July 7, 2015 Next meeting: Aug 4, 2015

CONTINUING EDUCATION

ASCE National holds more than 275 seminars and computer workshops each year on a wide variety of technical, management, and regulatory topics. These seminars are held in more than 45 cities across the U.S. In addition, ASCE offers customized on-site training and many distance learning programs, including live interactive web/teleconference seminars, online courses and courses on CD, videotape, and audiotape. Please visit http://www.asce-hawaii.org/webinars.html for more details.

ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and mail to: ASCE Scholarship Committee, P.O. Box 917, Honolulu, HI 96808-0917. If you have any questions, please contact Brian Enomoto at 388-5559, or benomoto@ascehawaii.org.

ASCE JOB LISTINGS

The following job listings are currently posted on the ASCE Hawaii Section website:

- Architect (Design Engineer) Bishop & Co.
- Civil Engineer (Design Engineer) Bishop & Co.
- Structural Engineer (Design Engineer) Bishop & Co.
- Mechanical Engineer (Design Engineer) Bishop & Co.
- Environmental Engineer Bishop & Co
- Design Engineer Bowers + Kubota Consulting, Inc.
- Facilities Construction Resident Engineer -Bowers + Kubota Consulting, Inc.
- Electrical Engineer Bowers + Kubota Consulting, Inc.
- Facilities Maintenance Project Engineer -Bowers + Kubota Consulting, Inc.
- Civil Engineer VI City and County of Honolulu
- Civil Engineer IV City and County of Honolulu
- Civil Engineer V City and County of

Honolulu

- Mechanical Engineer V City and County of Honolulu
- Structural Engineer V City and County of Honolulu
- Electrical Engineer Coffman Engineers
- Structural Engineer Coffman Engineers
- Civil Engineer V SSFM International
- Structural Engineer IV SSFM International

Construction Manager – (Company withheld)
 For further information on these job listings or
to find out how you can post job openings in
your company on this website, please visit
http://www.ascehawaii.org/job-listings.html.



Hawaii Section — Younger Member Forum Web site: http://www.ascehawaii.org/ymf.html

2014-2015 YMF Officers

Puna Kaneakua, President pkaneakua@ascehawaiiymf.org Amanda Tanaka, Vice President atanaka@ascehawaiiymf.org Norman Leong, Secretary nleong@ascehawaiiymf.org Jordan Urabe, Treasurer jurabe@ascehawaiiymf.org Jason Sugibayashi, Past President jsugibayashi@ascehawaii.ymf.org

YMF General Meeting

The next YMF general meeting is scheduled for Wednesday, August 5, 6:00 p.m. at Kakaako Kitchen. If you are interested in attending to find out what the YMF is all about, contact YMF at ymf.hawaii@gmail.com.

Sustainable Coastlines Beach Clean Up

On Saturday, June 27, 2015, YMF members participated in Sustainable Coastline Hawaii's Beach Cleanup. This non-profit organization is dedicated to maintaining the Hawaii's coastlines through hands-on beach cleanups. The workday consisted of picking up trash and debris at Magic Island Beach Park. After the hard work was done, volunteers stuck around for the BBQ social. This event was held in conjunction with HWEA, AWWA and CMAA. It was a great day and thank you to all the volunteers for coming out to help with this event and to Sustainable Coastlines for hosting the event.



Deadline for **Wiliki** is August 15th



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HAWAII CHAPTER OFFICERS

President: Robert Bigtas S.S. Dannaway Associates rbigtas@ssdafire.com Vice President: Derick Kam Thermal Engineering Corporation Secretary: Ferdi Guinto Lohaus and Associates Treasurer: Sam Dannaway S.S. Dannaway Associates Director: Mel Harano Thermal Engineering Corporation

Director: Bob Lohaus Lohaus and Associates

THE PINEAPPLE, from page 1

knew where Iwilei Road was, but everyone knew where the Pineapple was.

Unfortunately, shortly thereafter, things started to change. Since 1968, land in central Oahu, once used to cultivate pineapple land, was being used for the development of the bedroom community of Mililani. Pineapple production on Oahu began a steady decline. Finally, the Iwilei cannery ceased operations in 1992. Along with this, the Pineapple Water Tank, the largest pineapple in the world, that Honolulu icon for 65 years, had gotten old. In 1993, the rusting tank and tower were taken down. The tank was "stored" in its original three pieces. It was treated like that once favorite toy of which the child had tired. Sitting in a vacant lot at the Cannery, it continued to corrode, eventually rusting into oblivion. I had not been so saddened by the loss of an inanimate object since the Washington Senators fled to Texas after the 1971 season. I can only imagine what thousands of locals must have felt when a symbol of their youth was allowed to rot away.

Now when someone wants to know how to get to our new office (which is in a different building on the old HPC site) I give them directions but they still get lost. I insist that it is not due to the quality of my directions, but is due to the fact that there is no giant pineapple to point the way.

There was "sort of" a promise to restore the tank, but it "sort of" was not kept.

For the second time in a few months I feel the urge to quote a Joni Mitchell lyric in this column, Don't it always seem to go, that you don't know what you got till it's gone. I guess that old pineapple took a ride in that Big Yellow Taxi in the sky.

- 1. The Largest Pineapple in the Honolulu Magazine, March 2010.
- 2. NFPA 13: Automatic Sprinkler Systems Handbook. National Fire Protection Association, 2010
- 3. Cannery Tales, Honolulu Magazine, November 2014

ASME, from page 3

directors. Suggestions for tours included National Air Guard F-22 Maintenance/Squadron Operations and aircraft maintenance unit facility, nuclear powered submarine, Makai Pier, Kahuku & Kawailoa Wind Farms, and H-Power.

- · Chester Kaitoku files are being scanned to pdf files for review for historical context.
- · Raymond Liu reported that PE Refresher Course will not be held this fall.

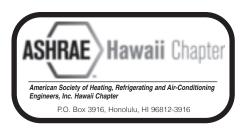
ASME HAWAII SECTION HISTORY

So far we have reported on our first chairman, Henry S. Aurand, Retired Lt. General U.S. Army; Frederick H. Kohloss, P.E., JD, and ASME Fellow; and Howard D. Hole, our sixth ASME Hawaii Section Chairman. For this issue, we provide an observation after viewing the Hawaii Section website. Members from Hawaiian Electric Company, Inc. have served as chairman since the founding of ASME Hawaii Section. Starting with co-founder Francis R. Montgomery (1955-1956), our other Hawaiian Electric chairmen included Wallace D. Johnston (1964-1965), Robert Freitas (1967-1968), T. Robert Uyechi (1972-1973), Jerry L.B. Yee (1973-1974), Roy T. Uemura (1978-1979),

Ann T. Yamamoto (1980-1981), Samuel F. Gillie (1990-1991, 1994-1995), Ed Chang (1993-1994, 2008-2010), Guy Pasco (1995-1996), Raymond W. Liu (2003-2008), and Derek Sato (2010-2012, 2014-current). In the early days we had enough active members to promote officers from secretary to treasurer to Vice Chair to Chairman. Such that by the time you became chairman you were familiar with the duties of the officers below you.

In our earlier years. Hawaiian Electric helped pay for members' dues, providing an incentive to participate. Also, I believe, the meetings were held in Hawaiian Electric's facility. After a brief period away from the Hawaiian Electric meeting rooms, we have been back to the Hawaiian Electric's Ward Avenue cafeteria for guite a while. The location is great for members living in town and for University of Hawaii at Manoa Department of Mechanical Engineering student and faculty members. There is adequate parking on the Hawaiian Electric grounds.

With most of the old-timers gone, we have very little history of our earlier days. We will be reviewing Chester Kaitoku's files and hope to find more ASME-HI history to report.



Hawaii Section Officers 2015-2016

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