

THE MASONRY INSTITUTE OF HAWAII

# Masonry in Hawaii

www.masonryhawaii.com

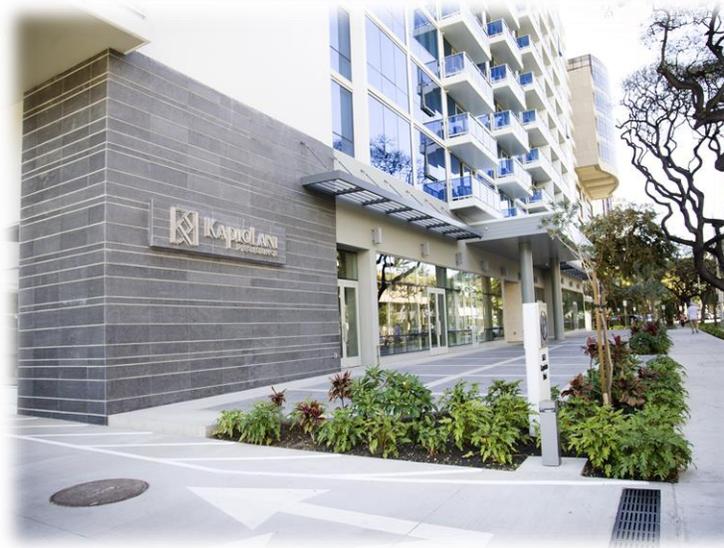
## 2019 PROJECT OF THE YEAR

There were 5 projects submitted for the 2019 MIH Project of the Year. They are: Solomon Elementary School, Ewa Makai Middle School, Kahului I Senior, Honolulu Consolidated Car Rental Facilities and the Kapiolani Residence. After deliberation, the panel of three judges selected the Kapiolani Residence as the Project of the Year. Congratulations to **Affiliated Construction**, mason contractor, for being on the winning team. The \$160,000,000 project was designed by the architectural firm Design Partners Inc. and Englekirk Structural Engineers. The owner of the project is SamKoo Pacific LLC, represented by Mr. **Timothy Yi** and Ms. **SoYoun Park**, and the general contractor is Hawaiian Dredging Construction Company. Awards were presented at a luncheon held on January 29, 2020 at the Honolulu Country Club.



Rod Haraga, Ryan Wada, Barry Jin On, Reid Nishimura, Eric Hashizume, Vernon Inoshita, SoYoun Park, Johnny Wu, Karl Kamada and Francis Pascual

**Mr. Timothy Yi** of SamKoo Pacific LLC spoke to the attendees about the importance of the Kapiolani Residence being built as affordable housing units. His goal is to build affordable housing units locally and throughout the world. He thanked the MIH for the award and the design/construction team for successfully building the Kapiolani Residence.



Kapiolani Residence – Project of the Year 2019

## WALL BRACING SEMINAR

An eclectic group of attendees were present for the Wall Bracing Seminar held on Wednesday, November 13, 2019 at Pearl Country Club. The group of 32 attendees consisted of contractors, suppliers, inspectors, architects and engineers. The class was presented by **Mr. Jerry Painter** who is the past president of The Masonry Society (TMS) and a member of TMS 402/602 committee. The seminar was intended to teach project managers, safety managers and responsible persons to understand and implement the OSHA regulations on masonry wall bracing. Attendees were given the latest edition (2012) of the *Standard Practice for Bracing Masonry Walls Under Construction*. The Masonry Institute of Hawaii, who sponsored this seminar, is certified as an AIA CES (continuing education) provider and

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received AIA's approval for 3 credit units for attendance.



Jerry Painter discusses wall bracing

## SEAOH INSTALLATION

The Structural Engineers Association of Hawaii held their annual banquet to install the incoming officers and Board of Directors. The upstairs room at Natsunoya Tea House was packed with over 60 members and guests of SEAOH. The new officers and Board of Directors were sworn in by **Myles Shimokawa**. **Rod Haraga** was sworn in as a Board of Director for a period of 2 years.



Officers and Board of Directors for 2020 SEAOH

## UPCOMING SEMINARS

**Dr. Mark McGinley** will be giving a seminar on *Energy Code Updates and Design of Tall Masonry Walls* on Thursday, March 12, 2020 at Pearl Country Club from 8:00 a.m. – 1:30 p.m. There are three modules given by **Dr. McGinley**: 1) Mass Masonry Wall Energy Code compliance, including the results of recent energy studies; 2) Review of design provisions in *Chapters 8 and 9 of TMS 402/ACI 530/ASCE 5-2013* including examples of design of load bearing and non-loadbearing masonry walls, and 3) *“Tips for Optimizing Structural Masonry”* which will focus on giving clearer understanding of the interrelationship of masonry building between materials, architecture, engineering and construction.

**Dr. McGinley** will also be demonstrating the NCMA software Version 7.2 *Structural Design Masonry* from 2:00 p.m. – 3:00 p.m. on Thursday, March 12, 2020 immediately following the seminar at Pearl Country Club. The cost of the software is \$299 if purchased directly from NCMA. However, if purchased through MIH, the software's cost is \$200.00. AIA CEU credits – 5 units.

**Mr. John Chrysler**, Executive Director, Masonry Institute of America will be presenting the latest update for *“Mortar and Grout Specifications and Wall Bracing Table 4-A”* on Thursday, April 16, 2020 at Pearl Country Club from 7:30 a.m. – 11:30 a.m. **Mr. Chrysler** will review Table 4-A, *Standard Practice for Bracing Masonry Walls Under Construction* and will provide examples for using the table to determine unbraced height for CMU walls under construction. He will also provide information of the usage of various strengths of mortar and grout as well as additives used in both grout and mortar. AIA CEU credits – 4 units.

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For both seminars, please visit [www.masonryhawaii.com](http://www.masonryhawaii.com) for detailed information.

## QUALITY GENERAL INC. – 50<sup>TH</sup>

CONGRATULATIONS to **Quality General Inc.** for its 50<sup>th</sup> Anniversary celebration. On October 24, 2019 Quality General celebrated its 50<sup>th</sup> Anniversary as one of Hawaii's top Mason Contractors. The luncheon was celebrated at QG's new site in Halawa Valley. QG was started in 1969 by **Stan Wada** and **Morris Angelo** on a shoe-string budget. According to QG's President, **Kent Wada**, there are currently over 80 employees.



Stan and Carol Wada



Past and Present Quality General workers

## YOUR QUESTIONS?

**John Chrysler, Masonry Institute of America**

Many specifications have been moving to Type "M" Mortar. Why not type "S" mortar?

Many in the industry think that the "stronger is better" with mortar compressive strength, hence Type "M" mortar is the best, which is a *fallacy*. Because Type "M" mortar will contain a higher cement content, mortar will be more prone to shrinkage. This is true with any cementitious product. Type "S" mortar will bond better to the masonry unit which reduces the tendency of cracking thereby making the masonry more *water resistant*. Structurally speaking, mortar in the 3/8 inch mortar joint has been proven to be exponentially stronger than tested mortar. The rationale is that the mortar joint has a much smaller h/t ratio and the water/cement ratio is much different than a test specimen because the units in the wall are absorbing water from the mortar. Mortar is also confined by the units in the wall which makes a failure mechanism very difficult to achieve.