



THE MASONRY INSTITUTE OF HAWAII

Masonry in Hawaii

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DETAILING REINFORCING SEMINAR

John Chrysler, Executive Director, Masonry Institute of America spent his vacation in Honolulu the first week of November. While here, John

was gracious enough to conduct a seminar on Detailing Reinforcing in Masonry at Pearl Country Club on Wednesday, November 5, 2014. The seminar covered design issues such as congestion, reinforcement and splices, grouting, what needs to be in masonry walls and where to find help.

There were 65 engineers, architects and contractors who enrolled in the half day seminar. The cost for attending was kept at \$20/person. However, members of the Mason Contractors Association of Hawaii were admitted without a registration fee. All of the MIH/MCAH sponsored seminars are being subsidized by the MCAH Annual Scholarship Golf Tournament in order to lower the cost of attending these seminars.

Country Club on Wednesday, November 19th. The purpose of the event was to provide a forum for engineers, architects and general contractors to meet in a non-business environment. Many of the guests were CEOs or Presidents of local engineering and architectural companies.

The theme of the evening was “Old World versus New World” wines. A Master Sommelier was consulted and 8 different wines were selected for the attendees to sample. **Roberto Viernes** is one of three Master Sommeliers in the State of Hawaii. The two white wines were from Hyde Vineyard-California and Burgundy, France. Six reds were from Chile, two from Napa Valley-California, Oregon, Burgundy-France, and Pomerol-France. After the selection of the wines, wine connoisseur, **Les Hidaka** selected the food to complement the wines. Les selected suckling pig, roast beef, prosciutto melons and domestic cheeses for the guests. Thanks to Les, all 65 who attended the event enjoyed the face-to-face social networking evening.

MASONRY TESTING CERTIFICATION

The Masonry Society (TMS), a not-for-profit professional society, has been conducting seminars to certify testing laboratories and field personnel in testing masonry products. The purpose of the seminar this year was to ensure masonry tests are performed properly, minimize testing errors and to certify from ACI and TMS field testing technicians and laboratory testing technicians.

The seminar was held over two days at Smith-Emery Laboratories in Los Angeles. The Masonry Institute of Hawaii in conjunction with CCPI is in the planning stages to have the seminar held in Honolulu in early 2015. The certification will help ensure that the masonry products are tested properly to comply with various ASTM requirements.



WINE TASTING EXTRAVAGANZA

The **Mason Contractors Association of Hawaii** sponsored a “Wine Tasting Evening” at the Honolulu



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2014 PROJECT OF THE YEAR NOMINEES

The Masonry Institute of Hawaii has nominated five projects to be considered for the 2014 Project of the Year. This year's nominations are shown with the mason contractor and the design architect:

- AIEA PUBLIC LIBRARY – Affiliated Construction**; Architect: CDS International
- HALE KULA ELEMENTARY SCHOOL – Ono Construction**; Architect: Design Partners
- HALE MOHALU SENIOR CENTER – B & C Masonry**; Architect: Mitsunaga Architects
- HAWAIIAN AIRLINES CARGO BUILDING – Ono Construction**; Architect: RIM Architects
- IHIHILAUKEA BRIDGE RESTORATION ON KALANIANA'OLE HIGHWAY – Tokunaga Masonry**; Designer: Nagamine Okawa & Associates
- WALGREENS, WAIPAHU-Quality General**; Architect: MGA Architecture



AIEA PUBLIC LIBRARY:
Mason Contractor: **Affiliated Construction**

The new 17,200 square foot library replaces the existing 10,724 square foot library. This new library

was completed on July 19, 2014 for a cost of \$9 million. According to the architect, **Glenn Miura** of CDS International, the selection of masonry for the building structure was based on the following reasoning: 1. Affordability and durability to meet the client's needs; 2. It is the closest material that can be considered **LOCALLY** produced. This tied into the intent of making this a socially and environmentally sustainable project; 3. Groundstone was selected because it provided a texture that integrated with red iron rich dirt of Aiea, reminiscent of sugar agriculture that was part of the old Aiea Sugar Mill, and; 4. Use of split face CMU painted rust red grounded the building aesthetically and added depth to the façade when the sun hit it through shadow relief.



HALE KULA ELEMENTARY SCHOOL:
Mason Contractor: **Ono Construction**
Project cost: \$32,500,000. General Contractor: S & M Sakamoto; Owner: State of Hawaii, Department of Education

This project is part of the \$500 million program by the Federal Government to construct, renovate, repair or expand public schools located on military installations. The original campus consisted of 10 buildings built in 1958-59. The new buildings consist of an Administrative Center, Library/Student



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Services Center Building, ten classroom buildings and covered play court. The primary exterior construction material is CMU. It was the overwhelming choice for the exterior walls due to its numerous advantages over other exterior wall materials. The ever-expanding palette of options that CMU offered eliminated the use for additional finishes, especially since the design emphasis was to express the true construction components of the building. The use of the custom natural colored split face block provides an endless durability and permanence almost always associated with CMU. The solid CMU base used to anchor the buildings' forms are in contrast to the light-colored, large-overhanging, sometimes-inverted flying roof forms that top these structures.

Built in 1931, this reinforced concrete open spandrel arch bridge was required to undergo emergency repairs. The work included repairs to widespread concrete spall damages on the deck slab soffit, concrete beams, columns and arch-shaped concrete girders. Concrete members were wrapped with a high strength fabric material to strengthen and



WALGREENS - WAIPAHU
MASON CONTRACTOR: QUALITY GENERAL INC.

preserve the bridge.



IHIHI LAUAKEA BRIDGE, KALANIANA'OLE HIGHWAY – EMERGENCY REPAIRS:

Mason Contractor: Tokunaga Masonry; Project Cost: \$2.4 million. Owner: State of Hawaii, Department of Transportation

WALGREENS, WAIPAHU:

Mason Contractor: Quality General Inc.
Owner: Walgreens
As part of Walgreens vision to provide a first-class shopping venue for its community, the facility itself needed to exhibit an aesthetically welcoming environment to reflect the company's unparalleled service and assortment of merchandise. Masonry was the primary and undisputed material selection for the exterior of the store structure. Masonry is reliable, affordable and cost-effective. The CMU is a material selected for its natural beauty and longevity and provides an attractive complement to other materials. With the variety of integrally colored CMUs to choose from, a unique composition



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developed, enhanced by the highlights of ground face units and color accents.



HAWAIIAN AIRLINES CARGO FACILITY:

Mason Contractor: Ono Construction



HALE MOHALU SENIOR CENTER

Mason Contractor: B & C Masonry

WHASSUP??

The Masonry Institute of Hawaii has updated its website to include a video clip showing the value of masonry construction over wood framed buildings. The video is titled “A Foundation for Fire Safety” and is found in the “Why Masonry” section. Please visit www.masonryhawaii.com.

Links have been established with several of the MIH members to their company’s website. Please click



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on the links to access companies such as **Tileco, Inc.**, **Quality General, Inc.** and **Tokunaga Masonry Inc.** MIH members wishing to establish a link to the MIH website and their individual company, please contact **Rod Haraga** at rhara.mih@gmail.com.

Tileco, Inc. has revised and updated its website. Please click on the link or visit www.tilecoinc.com.