

ASHRAE Hawaii

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.



Membership Roster
Hawaii Chapter
2007 ~ 2008

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President's Message

ASHRAE Hawaii Members,

The Board of Directors are please to issue the 2008 roster to the membership. This is our first roster in a few years and the first to be published on CD. This is in keeping with ASHRAE's "Walking the Talk" on sustainability and going paperless.

The roster is in PDF format, but look for the extras. It is searchable. You can click on Web pages. Click on a person's name and for most members you'll see their picture. Click on their email and send them an email. There also is a section for vendors and consultants and there are links to their WEB pages. If you want a hard copy of the Roster for your desk you can print the PDF file.

This roster is being distributed to ASHRAE members only. Because the information is in electronic format, please use care and don't copy and distribute the file. We plan to put the Roster on the ASHRAE Hawaii WEB site, but only members will be able to view it.

The roster is one of the committee tasks that requires the most effort. We can all thank Min Zhong for stepping in with no prior experience of working with the Board and taking on this huge task. Efforts were made to contact all members to verify their information. We now have an up to date roster that can be easily updated and maintained in the coming years.

I want to thank vendors and consultants for supporting this effort with their advertising. This allows us to pay for roster publication costs and mailings.

Finally, I would like everyone to make an effort to check their information. You can update your information at the ASHRAE WEB site. Also let Min Zhong know of any changes to your contact information.

Thanks

Sam Gillie

ASHRAE President 2007-2008

Officers, Board of Governors, Committee Chairs

Officers:

President: Sam Gillie

President – Elect: Vacant

Vice President: Albert Hahn

Treasurer: Tyson Toyama

Secretary: Dicson Aggabao

Governors

Alex Tang

Eric Nakagawa

Michael Capplonch

Ken Richardson

Committee Chair

Research Promotion Chair: Michael Chang

Student Activities Chair: Joseph Ting

Member Promotion Chair: Min Zhong

History Chair: Daryl Kitagawa

Refrigeration Chair: Joseph Ting

Chapter Webmaster: Alex Tang

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Lee Riback, Historian

Past Presidents

2006 ~ 2007 Marites Calad	1988 ~ 1989 Samuel T. Fujikawa
2005 ~ 2006 Ross Tanaka	1987 ~ 1988 Kevin Y.F. Chong
2004 ~ 2005 Victor Russell	1986 ~ 1987 Richard A. Rauls
2003 ~ 2004 Michael A. Chong	1985 ~ 1986 Cedric D. O. Chong
2002 ~ 2003 Kenneth Richardson	1984 ~ 1985 John L. Arizumi
2001 ~ 2002 David G. Waller	1983 ~ 1984 Franklin Y. S. Lum
2000 ~ 2001 Thomas W. Moody	1982 ~ 1983 George B. Hamilton
1999 ~ 2000 Rolf A. Klein	1981 ~ 1982 Robert Seelman
1998 ~ 1999 Wesley Nakagawa	1980 ~ 1981 Robert S. Hann
1997 ~ 1998 Steve Nakagawa	1979 ~ 1980 Boyd K. C. Chee
1996 ~ 1997 Joel Yuen	1978 ~ 1979 Giovanni K.L. Chung
1995 ~ 1996 Michael Capllonch	1977 ~ 1978 Richard C. Dearing
1994 ~ 1995 Mark K. Suzuki	1976 ~ 1977 Lester Y. M. Sen
1993 ~ 1994 Eric Nakagawa	1975 ~ 1976 John L. Gesser
1992 ~ 1993 Robert Pascua	1974 ~ 1975 John L. Lindsay
1991 ~ 1992 Lester Nakata	1973 ~ 1974 Nels Soderholm
1990 ~ 1991 James Gough	1972 ~ 1973 George Y. Motonaga
1989 ~ 1990 Frederick Kohloss	1971 ~ 1972 Karl A. Bowman

Member of the Year

2006 ~ 2007 Joseph Ting

2005 ~ 2006 Board of Governors

2004 ~ 2005 Ken Richardson

2003 ~ 2004 Samuel T. Fujikawa

2002 ~ 2003 Samuel F. Gillie

2001 ~ 2002 Thomas D. Van Liew

1999 ~ 2000 Alex M. P. Tang

1997 ~ 1998 Scott Inatsuka

1996 ~ 1997 Mark Suzuki

1995 ~ 1996 Alan Lloyd

1994 ~ 1995 Alex M. P. Tang

1993 ~ 1994 Lester T. Nakata

1992 ~ 1993 Maria Tome

1991 ~ 1992 Boyd K.C. Chee

1990 ~ 1991 John H. Gesser

1989 ~ 1990 Samuel T. Fujikawa

1988 ~ 1989 Richard C. Dearing

1987 ~ 1988 Frederick H. Kohloss

Chapter Life Members

Anderson, Robert	Life Member
Baxter, Norman	Life Member
Chee, Boyd, PE	Life Member
Cheski, Richard	Life Member
Chou, James	Life Member
De Smet, Raymond	Life Member
Faus, Robert	Life Member
Gesser, John	Life Member
Gleeson John	Associate Life Member
Gough, James	Life Member
Hayakawa, Kan-Ichi	Life Member
Ikenaga, Herbert	Life Member
Lashway, Donald	Life Member
Lloyd, Alan	Fellow Member
Lyau, Raymond	Life Member
Meechan, Robert	Life Member
Mita, Walter	Life Member
Miyashiro, Malcolm	Life Member
Motonaga, George	Associate Life Member
Murakami, Archie	Associate Life Member
Nakagawa, Herman	Life Member
Olson, William	Life Member
Panalal, Harendra	Life Member
Rauls, Richard	Life Member
Saito, Elbert	Life Member
Tanaka, Joe	Life Member
Thom, Kenneth	Life Member

2007 ~ 2008 Meeting Schedule

September 13 – Membership Meeting – Lunch - Sam Choy's

Speaker: Sam Gillie – ASHRAE'S Sustainability Initiative.

October 11 – Membership Meeting - Lunch - Sam Choy's

Speaker: Shanah Trevenna - Sustainable Saunders

November 8 – Membership Meeting (Student Night) Dinner Sam Choy's:

Speaker: Bernie Hesmert: Radiant Cooling – Research Promotion

December 12 Christmas Party – (Wednesday) - Dave & Busters 7:00 pm to 10:00 pm

January 10 – Membership Meeting – Lunch Sam Choy's

Speaker: Hoku Scientific

February 21 – Membership Meeting – Dinner Sam Choy's - Student Night Beer Brewing – Micro Brewery –

March 13 – Membership Meeting – Lunch Sam Choy's

Speaker: Hank Gellert – Everything you wanted to know about Pumps

April 4 – Seminar on Commissioning – ASHRAE Distinguished Lecturer: Frank Shadpour.

April 16 - ASHRAE Golf Tournament – Pearl Country Club

Contact: Sam Fujikawa

May 15 - TBA

June 9 - Installation Banquet – ASHRAE President Kent Peterson will be visiting.

ASHARE Hawaii Chapter Member List

IS YOUR LISTING CORRECT?

Keep your data current. Visit www.ashrae.org. Enter your membership number and pin, Log-in, click on address and grade changes, then enter the correct data. Or email Min Zhong at zminbao@yahoo.com. It's that simple!

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Timpson, Stephen R

Company: Goto Construction

Ting, Joseph



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828 Fort Street Mall Suite 500
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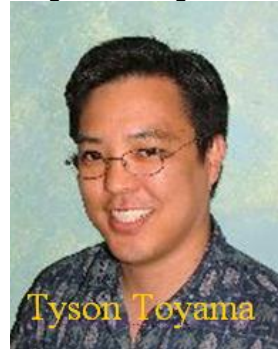
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3023 Kaimuki Avenue
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Department: Mechanical

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ASHARE Hawaii Chapter Student Member List

IS YOUR LISTING CORRECT?

Keep your data current. Visit www.ashrae.org. Enter your membership number and pin, Log-in, click on address and grade changes, then enter the correct data. Or email Min Zhong at zminbao@yahoo.com. It's that simple!

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Yago, Joel A.
joelyaogo@hawaii.edu

Advertised Service and Product

- Contractor -

Air Balancing Contractor

[Air Balance Hawaii, Inc](#)Phone No: (510) 635-8212

Mechanical Contractor

[HSI Mechanical, Inc](#)Phone No: (808) 845-5432

- Product -

Access Panel

[Admor HVAC Products, Inc.](#)Phone No: (808) 841-7400

[Mapco Hawaii](#)Phone No: (808) 845-2888

Air Cleaner

[Admor HVAC Products, Inc.](#)Phone No: (808) 841-7400

[Engineered Systems](#)Phone No: (808) 263-2232

[The Gellert Co., Inc.](#)Phone No: (808) 847-2695

[Mapco Hawaii](#)Phone No: (808) 845-2888

Air Conditioning Unit

[Admor HVAC Products, Inc.](#)Phone No: (808) 841-7400

[Air Treatment Corporation](#)Phone No: (808) 628-2120

[Carrier Hawaii](#)Phone No: (808) 677-6339

[DMG Hawaii](#)Phone No: (808) 268-4065

[Norman S. Wright](#)Phone No: (808) 678-3911

Air Compressors

[Engineered Systems](#)Phone No: (808) 263-2232

[The Gellert Co., Inc.](#)Phone No: (808) 847-2695

[Waltz Engineering, Inc](#)Phone No: (808) 842-7955

Air Curtain Fans

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[Mapco Hawaii](#)Phone No: (808) 845-2888

Air Distribution Devices

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Air Filters

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[DMG Hawaii](#)Phone No: (808) 268-4065

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Air Volume Sensing & Flow Control		
	Admor HVAC Products, Inc.	Phone No: (808) 841-7400
	Air Treatment Corporation	Phone No: (808) 628-2120
	DMG Hawaii	Phone No: (808) 268-4065
Air-Compressor		
	Engineered Systems	Phone No: (808) 263-2232
Air-Dryers		
	Engineered Systems	Phone No: (808) 263-2232
Blow-down Systems & Silencers		
	Engineered Systems	Phone No: (808) 263-2232
	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Boiler Accessories & Cleaners		
	Engineered Systems	Phone No: (808) 263-2232
Breathing Air Systems		
	Engineered Systems	Phone No: (808) 263-2232
Chemical Feeders		
	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Chiller		
	Air Treatment Corporation	Phone No: (808) 628-2120
	Carrier Hawaii	Phone No: (808) 677-6339
	Norman S. Wright	Phone No: (808) 678-3911
Condenser		
	Air Treatment Corporation	Phone No: (808) 628-2120
	Carrier Hawaii	Phone No: (808) 677-6339
	DMG Hawaii	Phone No: (808) 268-4065
	Norman S. Wright	Phone No: (808) 268-4065
Dehumidifiers		
	Admor HVAC Products, Inc.	
	Air Treatment Corporation	Phone No: (808) 628-2120
Electrical Control Panels		
	Engineered Systems	Phone No: (808) 263-2232
Electrical Duct Heater		
	Carrier Hawaii	Phone No: (808) 677-6339
Energy Recovery Ventilators		
	Engineered Systems	Phone No: (808) 263-2232
Expansion Tank		
	The Gellert Co., Inc.	Phone No: (808) 847-2695
Fan		
	Admor HVAC Products, Inc.	Phone No: (808) 841-7400
	DMG Hawaii	Phone No: (808) 268-4065
	Mapco Hawaii	Phone No: (808) 845-2888
	Norman S. Wright	Phone No: (808) 268-4065
Fuel-oil Storage Tank		
	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Fuel-oil Day Tank		

Grease Duct Wrap and Access Door	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Heat Pumps	Mapco Hawaii	Phone No: (808) 845-2888
	Admor HVAC Products, Inc.	Phone No: (808) 841-7400
	Air Treatment Corporation	Phone No: (808) 628-2120
Hot Water Heaters	The Gellert Co., Inc.	Phone No: (808) 847-2695
	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Hot Water Tank	The Gellert Co., Inc.	Phone No: (808) 847-2695
	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Induced Draft Fans for Boilers & Heaters	Engineered Systems	Phone No: (808) 263-2232
Instantaneous Hot Water	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Laboratory Exhaust Systems	Air Treatment Corporation	Phone No: (808) 628-2120
	DMG Hawaii	Phone No: (808) 268-4065
	Norman S. Wright	Phone No: (808) 678-3911
Laundry Washer – Extractors	Waltz Engineering, Inc.	Phone No: (808) 842-7955
Louvers	Mapco Hawaii	Phone No: (808) 845-2888
	Norman S. Wright	Phone No: (808) 678-3911
Oil & Gas Power Burners	Engineered Systems	Phone No: (808) 263-2232
Oil/Water Separators	Engineered Systems	Phone No: (808) 263-2232
Overhead Cranes and Hoists	Engineered Systems	Phone No: (808) 263-2232
Plate and Frame Heat Exchangers	Engineered Systems	Phone No: (808) 263-2232
Pumps	Air Treatment Corporation	Phone No: (808) 628-2120
	The Gellert Co., Inc.	Phone No: (808) 847-2695
Refrigerant Monitors & Wireless Gas Detection	Mapco Hawaii	Phone No: (808) 845-2888
Sheet Metal Accessories	Mapco Hawaii	Phone No: (808) 845-2888
Steam Boilers	Engineered Systems	Phone No: (808) 263-2232
	Waltz Engineering, Inc.	Phone No: (808) 842-7955
UV Light	Admor HVAC Products, Inc.	Phone No: (808) 841-7400
	Carrier Hawaii	Phone No: (808) 677-6339

	<u>Mapco Hawaii</u>	Phone No: (808) 845-2888
	<u>Norman S. Wright</u>	Phone No: (808) 678-3911
Variable Refrigerant Volume System		
	<u>Norman S. Wright</u>	Phone No: (808) 678-3911
Variable Speed Drive		
	<u>Air Treatment Corporation</u>	Phone No: (808) 628-2120
	<u>Norman S. Wright</u>	Phone No: (808) 678-3911
Wash Water Reclaim Systems		
	<u>Engineered Systems</u>	Phone No: (808) 263-2232
Waste Heat Boilers		
	<u>Engineered Systems</u>	Phone No: (808) 263-2232
Water and Wastewater Treatment Equipment		
	<u>Engineered Systems</u>	Phone No: (808) 263-2232
Water Treatment Systems		
	<u>Air Treatment Corporation</u>	Phone No: (808) 628-2120
	<u>Waltz Engineering, Inc.</u>	Phone No: (808) 842-7955
Water-Softeners/Demineralizers/Media Filters		
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SUMMARY OF EXPERIENCE & QUALIFICATIONS

HSI Mechanical, Inc., established in 1974 (previously Honolulu Shipyard, Inc., Mechanical Contracting), is a full-service mechanical contractor with air conditioning, pipefitting, plumbing, HVAC service, and sheet metal capabilities provided to a wide range of commercial and government customers. It is also the only mechanical contractor in Hawai'i specializing in shipboard sheet metal and air conditioning work.

HSI Mechanical, Inc. holds Contractor's License – BC-24578 with specialties in the following sub-classifications:

C-4 BOILER	C-20 FIRE PROTECTION	C-32 ORNAMENTAL METAL
C-37 PLUMBING	C-44 SHEET METAL	C-48 STRUCTURAL STEEL
C-56 WELDING	C-52 AIR CONDITIONING	C-61 SOLAR

SERVICES

Renovation and Repair:

- Mechanical Renovation and Repair: Chillers, Cooling Towers, Fan Replacement, Air Handlers, Heat Pumps, Circulating Pumps, Fan Coil Units, and Storage Tanks.
- Ductwork, Sheet metal Fabrication and Installation (including Metal Roofing, Siding, Roof Flashing, Rain Gutters, Downspouts Louvers, Canopies, Fascias and Ornamental Sheet metal).
- Domestic, Chilled and Condenser Water Line Replacement, and Valve Replacement.
- Plumbing Renovation and Repair (Hot & Cold Water Piping, Sewer & Drain Lines, Grease Traps, Fixtures, Back Flow Preventer, and Hot Water Heaters.
- Stainless Steel and Steel/Ornamental Railings, Grilles, and Gates.
- Stainless Steel Counter Tops, Sinks, Cabinets, Tables. Etc.
- Fuel Line Fabrication and Installation (Metal and High Density Polyethylene Piping).

Design Build & Turnkey Service:

- Air Conditioning & Ventilation, CHP (Concurrent Heat & Power) and Plumbing (potable water, waste, hot water, etc.) Design and Installation (Commercial Buildings, Residential & Ships), and ESA – Energy Sales Agreement Projects.
- Ventilation Design and Installation (Commercial Buildings, Residential & Ships).
- Design & Install Galley, Deck & Serving Areas for Naval Vessels (Surface & Submarine).

Contracting:

- We are prepared to provide customers with competitive pricing for mechanical (*Metal Fabrications, General Sheet Metal/Flashing/Metal Roofing/Downspouts/Custom Stainless Steel, Metal Railings, Metal Louvers, Plumbing (including heat recovery – co-generation systems), Power Plant and Fueling Facilities Piping and Boilers, Air Conditioning & Ventilation (including energy efficiency systems), Piping (process systems, waterline, fuel, and waste, and Fire Protection Systems)*) contracting projects planned and/or specified.

Service / Maintenance:

- Over 75 years of staff experience in Service and Maintenance on HVAC equipment and Plumbing.

<u>STAFFING</u>		<u>Years</u> <u>Experience</u>	<u>STAFFING</u>		<u>Years</u> <u>Experience</u>
President, Principal RME	Fred Moore	40	VP, Chief Estimator, RME	Juan Sebastian	39
Sr. Estimator, RME	Nelson Pulmano	39	Sheetmetal Supt., RME	Paul Fujinaga	20
Pipe/Plumbing Supt.	Paul Michael	26	VP, Chief Financial Officer	Sandy Taketa	20

Continued on next page

OUR VISION

"HSI Mechanical, Inc. provides high customer satisfaction, quality, and dependability."



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 E-mail discover@lava.net
 Website: <http://www.geocities.com/hsimech/>

SUMMARY OF EXPERIENCE & QUALIFICATIONS

SUMMARY OF EXPERIENCE & QUALIFICATIONS (continued)

<u>STAFFING</u> (Continued)		<u>Years</u> <u>Experience</u>	<u>STAFFING</u>		<u>Years</u> <u>Experience</u>
Project Manager	Holly Chun-Ming	9	Sheet Metal Ships	Daniel Vallejo	17
Sheet Metal Shop, RME	Burton Takafuji	21	Safety Administrator	Roz Nu'uauu	10
Project Manager	Dwight Okumoto	20	Pipe Foreman, RME	Mark Smith	21
HVAC Service	Ian Reyla	13	Ornamental Metal (railings)	Burton Takafuji	21
Sr. Estimator	Nitto Torrefranca	33	Contract Administrator	Roz Nu'uauu	10
Project Manager	Ben Young	10	Manager, MIS & Detailing	Joselito Llamas	18
Purchasing Agent	Rena Roldan	8	Process Industrial Pipe	Patrick Geraghty	25

Federal I. D. No. 56-2376601
 CAGE No. 3K7Q1

General Excise Tax I. D. No. W20120342-01
 DUNS # 138126557

SIC # 17, 11

Below are the Construction Specifications (CSI) Sections that we typically bid under:

- We are a licensed B - General Building Contractor in the State of Hawai'i
- Division 5 - Metals - Section 05500 Metal Fabrications; 05520 Handrails and railings; 05700 ornamental metal, 05705 ornamental metal mesh panels; 05721 ornamental railings; 05723 ornamental pipe railings
- Division 7 - Thermal & Moisture - Section 07411 Metal Roofing & wall panels (uninsulated); 07415 metal roofing & wall panels (insulated); 07463 Aluminum siding, soffit and trim; 07611 custom sheet metal roofing; 07620 sheet metal flashing and trim; 07631 gutters and downspouts; 07650 flexible flashing; 07710 roof specialties; 07724 roof hatches and vents; 07900 joint sealants related to sheet metal
- Division 8 - Doors & Windows - Section 08331 overhead coiling doors; 08332 overhead coiling grilles; 08630 Metal framed skylights
- Division 10 - Specialties - Section 10210 Wall louvers; 10800 toilet, bath and laundry accessories; 10810 toilet accessories
- Division 11 - Equipment - Section 11400 Food service equipment; 11401 custom fabricated food service equipment (metal hoods, counter tops, sinks, etc.); 11600 laboratory equipment; 11610 laboratory fume hoods; 11611 laboratory fume hoods
- Division 13 - Special Construction - Section 13200 water storage tanks; 13611 solar flat plate collectors
- Division 15 - Mechanical - All Sections

Security Clearance: HSI Mechanical Inc. holds a Confidential Level clearance from the Defense Security Service

Noteworthy: 2005 Contractor of the Year - Building Industry Association of Hawai'i

OUR VISION

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License BC-24578

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E-mail discover@lava.net

Website: <http://www.geocities.com/hsimech/>

SUMMARY OF EXPERIENCE & QUALIFICATIONS

- Some noteworthy projects that we are currently working on include: Central Pacific Plaza Tower AC improvements - \$675,208.00 (HSI prime contractor), Sheraton Waikiki Ballroom replace air handling units - \$790,792.00 (HSI prime contractor), Pakalani/Moanalua Apartments, various plumbing and dry stand pipe upgrades - \$100,000.00 (HSI prime), BYU Hawaii Admin. building replace AC system phase I - \$307,667.00 (HSI prime), Island Pacific Academy High School Plumbing - \$285,734.00 (HSI subcontractor), Ocean Pointe Elementary - sheet metal, louvers, all division 15000 - \$3,102,816.00 (HSI sub), Building 352 (Pearl Harbor) replace air handlers and vent duct - \$2,833,200.00 (HSI sub), Kahalui WWPS sheet metal, AC system, plumbing and process piping/pumping - \$731,418 (HSI sub), Honouliuli WWTP sheet metal, louvers, HVAC and plumbing - \$526,097.00 (HSI sub), Wheeler Army Air Field Deploy Facilities sewage pump, and mechanical division \$683,450.00 (HSI sub)., Schofield Barracks - Whole Barracks Renewal, Phase 2E, HVAC system - \$6,779,562.00 (HSI sub)., Hilton Hawaiian Village lagoon Pump House - piping, valves, sheet metal - \$ 333,243.00 (HSI sub), Monsanto Global Seed Group, Molokai - HVAC - \$351,370.00 (HSI Sub), Energy Management Systems Improvement, UH Manoa Campus - HVAC - \$531,916.00 (HSI Prime), Ohia Building, Kapiolani Community College - HVAC system improvements - \$205,925.00 (HSI Sub), Mililani Public Library HVAC replacement - \$555,400.00 (HSI Prime), Lihue Airport - replace (2) chiller / cooling tower plants (HSI Prime) - \$2,735,670.00 , Clifford (City) Center - replace roof top chillers & install interior automated control system (HSI Prime) - \$587,295.00, Current backlog - \$13,460,000.00.
- Certifications - i.e. contractor's license - (please see resume for detailed breakdown of license with State of Hawai'i); Notary Public Commission (Rosalynn K. Nu'uauu); Welding Inspector Certificate - Burton Takafuji (Sheet Metal Shop Foreman); American Society of Quality Senior Member - Fred Moore; Construction Quality Management for Contractors Certificate - Ben Young, and Holly Chun-Ming; AutoCAD, PipeDesigner and Duct Designer Certification for Joselito Llamas and Joey Mapanao;
- Trades: All Pipefitter, Sheet Metal Workers, Refrigeration Mechanics, Plumbers and Welders are graduates of a Certified Apprenticeship program with the affiliated unions. Pipe welders are all certified for 100% welding procedures (fuel and industrial piping).
- Training: HSI Mechanical Inc. take a strong position to insure that our project managers and craft workers continue to take related courses of training. The company is in its second year of implementation of the Deming based Optimization / Quality system.

OUR VISION

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SUMMARY OF EXPERIENCE & QUALIFICATIONS

- Trade and Community Associations: HSI Mechanical Inc. is an active member of the following business associations: Building Industry Association of Hawai'i (Fred Moore served as the association president in 2005 and was a member of the executive board from 1999 to 2006- BIA Hawai'i has a membership of 500 contractors, developers, specialty contractors, suppliers and professional design firms and is the local affiliate of the National Association of Home Builders), Member - Plumbing and Mechanical Contractors Association of Hawai'i, Chair / Member - Hawai'i Build Green Council, Member - U.S. Green Building Council, Member - Sheet Metal Contractors Association of Hawai'i (Fred Moore is a member of the executive board and serves as it's Treasurer), Member - Ship Repair Association of Hawai'i (charter member), Member - Corporate Council - Nature Conservancy of Hawai'i, Member - General Contractor's Association of Hawai'i; Member - labor / management advisory council - Construction Training Center of the Pacific; our management and employees are very active in various community organizations - Filipino Community Center; American Society of Refrigeration and Heating Engineers Association; American Society for Quality; parents supporting family in local sports events (soccer, baseball, hula, basketball, etc.) as well as school / parent organizations; National Association of Women in Construction
- Significant accomplishments: HSI Mechanical Inc. was selected as the Contractor of the Year for 2005 by the Building Industry Association of Hawai'i. It is noteworthy that HSI Mechanical Inc. has successfully grown as a business from \$5 million in annual revenues in 1997 to \$13 million in 2006. HSI Mechanical Inc. was the leader in the State of Hawai'i Performance Base contracting system (having contracted 11 of the 14 design-build projects) with zero punch list and all projects being completed ahead of schedule.
- Major Tooling / Equipment: HSI Mechanical Inc. has a state of the art sheet metal break, Vulcan Plasma (computerized laser sheet metal cutting machine), and "ironworker" tooling / cutting system. Our 20,000 square feet facility in Kalihi has an efficient overhead hoisting system and is centrally located to serve our customer base on O'ahu and the neighbor islands. Our detailers are AutoCAD certified and use the 2005 AutoCAD and Pipe/Duct Designer system for all shop drawings. Our project engineers / managers are all trained to use our computer network including the Timberline Job Cost System and Sure Track Scheduling. And, our estimators use computer base industry estimating packages to insure accurate bidding.

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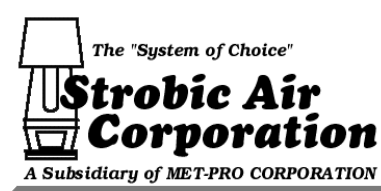
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SEE Page 2

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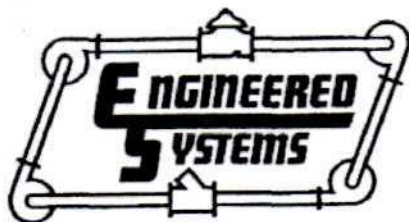
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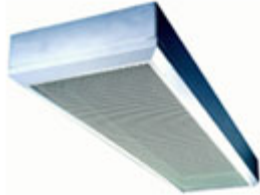
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Appendix: ASHRAE Hawaii Chapter Bylaws

**BYLAWS OF THE
HAWAII CHAPTER
OF THE
AMERICAN SOCIETY OF HEATING, REFRIGERATING
AND AIR-CONDITIONING ENGINEERS, INC.**

APPROVED BY THE SOCIETY: Pending

ARTICLE I – GOVERNMENT

1.1 Governing Instruments. The Hawaii Chapter (herein “Chapter”) of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (herein “Society”) shall be governed by its Constitution and these Bylaws, to the extent not inconsistent with the Certificate of Consolidation, Bylaws, and Rules of the Board of Directors of the Society.

1.2 Interpretation. The Board of Governors shall resolve all questions of interpretation of the Constitution and these Bylaws.

1.3 Rules of Order. Except as otherwise provided in the Constitution or these Bylaws, the conduct of meetings of the members shall be governed by the rules of procedure set forth in “Robert’s Rules of Order Newly Revised”.

ARTICLE II – MEMBERSHIP

2.1 Qualification. The membership of the Chapter shall consist of all members of the Society in good standing and residing in the geographic area of the Chapter, as prescribed by the Board of Directors of the Society, who have properly joined the Chapter.

2.2 Non-Residents. Notwithstanding the foregoing, a member of the Society residing in the geographic area of a Chapter may elect to be a member of another Chapter. A member may elect to belong to more than one Chapter.

2.3 Grade. Each member shall hold the same grade of membership in the Chapter as in the Society.

2.4 Rights and Privileges. All Chapter members shall be entitled to the same rights and privileges, except that (a) Affiliates, (b) Student Members, and (c) members who have not paid Chapter fees, dues, assessments or other charges within sixty (60) days of their due date shall not be entitled to voting privileges or the right to election or appointment as an officer, governor, or committee chair of the Chapter. All rights and privileges of a member are vested solely in the member and may not be delegated or transferred, except as provided in Article III, paragraph 3.7 hereof.

2.5 Suspension. In the event that a member does not pay all the Chapter fees, dues, assessments or other charges within six (6) months of their due date, all rights and privileges of membership in the Chapter shall be suspended. Such membership rights and privileges shall be restored to the member upon full payment thereof. Delinquency in payment of Chapter dues or other Chapter charges will not affect a member’s standing in the Society.

2.6 Termination. Membership in the Chapter shall terminate upon the death of any member, the removal of a member's principal place of residence to the geographic area of another Chapter except as provided in Article II, paragraph 2.2 hereof, or the receipt of written notice by the member of termination of membership. In the event of such termination, neither the former member, nor his/her personal representatives, heirs or devisees shall have any right, title or interest in the Chapter or its assets.

2.7 Expulsion. A member may be expelled from the Society and the Chapter only upon action taken by the Board of Directors of the Society. Such action may be initiated by the Board of Governors of the Chapter by the filing of written charges and supporting evidence with the Secretary of the Society.

ARTICLE III - MEETINGS OF MEMBERS

3.1 Regular Meetings. Meetings of the Chapter shall be held on at least a monthly basis from September through May or June at such time and place as is prescribed by the Board of Governors.

3.2 Annual Meeting. The annual meeting of the Chapter for the installation of officers and the Board of Governors and the announcement of committee appointments shall be held in the month of May or June at such time and place as is prescribed by the Board of Governors.

3.3 Special Meetings. Special meetings of the Chapter may be called by the President at the President's discretion, or at the request of the Board of Governors or 15 percent of the members with voting rights.

3.4 Notice of Meetings. Timely written notice of all meetings shall be sent by the Secretary to all members setting forth the place, date and hour of the meeting and, in the case of a special meeting, the purpose thereof.

3.5 Quorum. A quorum for the transaction of business at a meeting of the Chapter shall consist of 15 percent of the members having voting rights, except that no business may be transacted unless a majority of the Board of Governors is also in attendance.

3.6 Majority Vote. A majority of the number of votes cast in person or by proxy shall be necessary for the adoption of any matter, except as otherwise provided in the Constitution or these Bylaws.

3.7 Proxies. A member may vote on any matter by a written proxy executed and dated by the member. No proxy shall be valid after ninety (90) days from the date of its execution, unless otherwise provided in the proxy.

ARTICLE IV - DUES AND FINANCE

4.1 Society Dues. The annual dues for membership in the Society as prescribed from time to time by the Society, shall be paid to the Society.

4.2 Chapter Dues. The Board of Governors, in its discretion and subject to the approval by a vote of members, may levy such dues, fees, charges or other assessments as are reasonable and necessary to meet the current operating expenses of the Chapter. The due date of such payments shall be as prescribed by the Board of Governors.

4.3 Fiscal Year. The fiscal year of the Chapter shall end on June 30 of each year.

ARTICLE V - BOARD OF GOVERNORS

5.1 Duties. The property and affairs of the Chapter shall be managed by the Board of Governors. The Board of Governors may execute all business of the Chapter that does not require action by the full membership of the Chapter. The presiding officer shall report briefly on these actions at the next Chapter meeting.

5.2 Composition. The Board of Governors of the Chapter shall consist of the officers, the most recent available past president, and at least two members elected pursuant to Article VII hereof.

5.3 Meetings. The time and place of regular meetings of the Board of Governors shall be at the discretion of the Board. A special meeting of the Board of Governors may be called by the President at the President's discretion, or at the written request of two (2) members of the Board.

5.4 Quorum and Majority Vote. A quorum for the transaction of business shall consist of a majority of the Board present in person, and the majority vote of the members present in person or by proxy shall be necessary for the adoption of any matter, except as otherwise provided in the Constitution or these Bylaws. The form of proxies shall be governed by Article III, paragraph 3.7 hereof.

5.5 Notice of Meetings. Timely written notice of all meetings shall be sent by the Secretary to all members setting forth the place, date and hour of the meeting and, in the case of a special meeting, the purpose thereof.

5.6 Appointments to Auditing Committee. The Board of Governors-Elect shall appoint members to the Auditing Committee, pursuant to paragraph 8.3.7 hereof, at a meeting of the Board of Governors-elect held prior to the annual meeting of the Chapter. Appointments shall be announced at such annual meeting.

ARTICLE VI – OFFICERS

6.1 Titles. The officers of the Chapter shall be a President, a President-Elect, a Vice President, a Secretary, and a Treasurer.

6.2 Multiple Offices. With the exception of the office of President, any number of offices may be held by the same member.

6.3 The President. The President shall be the chief executive officer of the Chapter and shall have general direction of the affairs of the Chapter and general supervision over its several officers, subject however, to the control of the Board of Governors. The President shall, from time to time, report to the members and to the Board all matters within the President's knowledge which the interest of the Chapter may require to be brought to the Chapter's notice; shall preside at all meetings of the members and at all meetings of the Board; shall sign and execute in the name of the Chapter all contracts, or other instruments authorized by the Board, except in cases where the signing and execution thereof shall be expressly delegated or permitted by the Board or by these Bylaws to some other officer or agent of the Chapter.

6.4 The President-Elect. The President-Elect shall automatically succeed to the office of the President at the conclusion of the President's term of office. In the absence of the President, the President-Elect shall exercise the powers and perform the duties of the President. In addition, the President-Elect shall make the committee chair appointments sufficiently far in advance of the Chapters Regional Conference (CRC), or in the case of the Region at Large (RAL) the Annual Regional Conference (ARC), as to permit attendance by the appointees at CRC/ARC workshops in the period prior to appointees' active participation as chair of the Chapter Committees. Chair designees of such committees as Student Activities, Membership Promotion, Research Promotion, Chapter Technology Transfer and Historical should be especially encouraged to attend CRC/ARC meetings. Prior to the annual meeting, the President-Elect shall complete the appointments by naming at least two (2) committee members to each of the standing committees of the Chapter.

6.5 The Vice President. In the absence of the President and the President-Elect, the Vice President shall exercise the powers and perform the duties of the President. In addition, such Vice President shall act as the Editor of the chapter newsletter, Coordinating Officer of the Student Activities and Chapter Technology Transfer Committees.

6.6 The Secretary. The Secretary shall send notices of meetings to the members and to the Board of Governors as prescribed in these Bylaws, and to Committee Chairs as requested by the President. The Secretary shall keep the minutes of the meetings of the Chapter and of the Board of Governors and shall promptly file a copy of the minutes of each meeting of the Chapter with the Regional Chair and Regional Vice Chair (RVC) for Chapter Technology Transfer, and shall send advance notices and minutes of meetings of the Board of Governors to the Regional Chair. The Secretary shall maintain a membership roster, a roll of membership attendance, and such books, papers, and records as the Chapter or Board of Governors may direct, which shall be open to the inspection of any member of the Board of Governors. The Secretary shall promptly notify members of their nomination, election, or appointments to office. In addition, the Secretary shall serve as Coordinating Officer of the Membership Promotion, Reception, and Attendance Committees.

6.7 The Treasurer. The Treasurer shall receive all funds, including dues, fees, charges and other assessments, and shall deposit such funds in the name of the Chapter in banks or other depositories. The Treasurer shall disburse funds only as authorized by the Chapter's Board of Governors and shall keep appropriate records of receipts and expenses and shall exhibit such records at all reasonable times to any member of the Board of Governors. The Treasurer shall make a full financial report at the annual meeting of the Chapter, a copy of which shall be forwarded to the Regional Chair. In addition, in the absence of contrary written instructions from the Society, the Treasurer shall complete, execute and file any

statements or returns incidental to federal or local taxation. Checks issued by the Treasurer shall be countersigned by any Officer, of the Chapter. In addition, the Treasurer shall serve as Chair of the Finance Committee and as Coordinating Officer of the Research Promotion Committee.

6.8 Additional Duties. All officers shall perform all duties incident to their respective offices and such other duties as are prescribed by these Bylaws or as are assigned by the Board of Governors.

ARTICLE VII - NOMINATIONS, ELECTIONS, VACANCIES, AND REMOVAL

7.1 Eligibility for Re-election. Officers and Board members are elected for one-year terms, but may be re-elected to consecutive terms. The President may be re-elected to the same office for one additional consecutive term, the President-Elect will also need to be re-elected in accordance with the election procedure set forth in Section VII.

7.2 Duties of Nominating Committee. The Nominating Committee shall select from the members eligible to hold office one candidate for each office except President, and for each member to be elected to the Board of Governors and shall obtain from each candidate a written statement that the candidate is a member in good standing in the Society and consents to stand for election. Not less than thirty (30) days before the March meeting the Nominating Committee shall present to the Secretary the names of the candidates selected, together with their statements.

7.3 Duties of Secretary. Upon receipt of these names from the Nominating Committee, the Secretary shall prepare a list of the candidates and shall forward such list to all members with voting rights at least ten (10) days prior to such meeting.

7.4 Nomination by Members. Additional nominations of members in good standing who consent orally or in writing to be candidates may be made from the floor at such meeting. If at this meeting more than one such nomination from the floor is made for any one office or membership on the Board of Governors, a vote shall be taken to select the name of the opposition candidate to be placed on the ballot.

7.5 Voting and election. Not less than ten (10) days prior to the next meeting, the Secretary shall send a mail ballot, in the case of elections by mail, or a proxy statement, in the case of elections at meetings, to all members with voting rights. In the case of elections at meetings, the President shall appoint three (3) tellers to assist in conducting the election. The Board of Governors or the tellers, if any, shall promptly tally all votes. The candidate receiving a majority of the votes cast for each respective office shall be declared elected. If there is a tie vote, there shall be a run-off election.

7.6 Installation. Officers and members of the Board of Governors shall be installed and shall assume their duties at the annual meeting of the Chapter, as prescribed in Article III, paragraph 3.2 hereof, to serve until their successors are installed.

7.7 Vacancies. Whenever there shall be a vacancy in any office except President-Elect or on the Board of Governors by resignation or otherwise, the Board of Governors shall have the power to fill such office until the next annual election and installation, and such officer shall have the duties, rights, and privileges of the predecessor.

If the President dies, resigns, or is removed from office, the President-Elect shall immediately become President and shall serve for the remainder of the term of the immediate predecessor. If the time served by the President-Elect as President is less than six months, he/she shall continue to serve as President for the next Society year; therefore the office of President-Elect shall remain vacant until the next annual Chapter election. If the President-Elect dies, resigns, is removed from office, or becomes President for more than six months in accordance with the foregoing provisions, a special election shall be held to fill the vacancy.

7.8 Removal. Any officer or member of the Board of Governors may be removed by a 2/3 vote of voting members present at a regular meeting, whenever in the judgment of the members, the best interests of the Chapter will be served thereby. The notice of this Chapter meeting shall contain the statement that an item of importance to the Chapter will be presented for action.

ARTICLE VIII – COMMITTEES

8.1 General. All Chapter Committees shall be designated as Standing Committees or Special Committees. Standing Committees are mandatory and are of a continuing nature, while Special Committees are created for a specific purpose and may be dissolved when their functions have been completed.

8.2 Appointments. Except as noted herein, all Standing Committee members and respective Chair thereof shall be appointed by the President-Elect pursuant to Article 6.4.

8.3 Standing Committees. Standing Committees are primarily essential to chapter, regional and Society activities are broken into two categories: those that mandatory and those whose functions are essential to the Chapter operation. (a) Mandatory standing committees are Chapter Nominating; CRC/ARC Action, Student Activities, Membership Promotion, Research Promotion, Chapter Technology Transfer and Historical.(b) Committees essential to the Chapter operation are Attendance, Auditing, Program, Reception, Refrigeration, Publicity, Publications or Newsletter, Honors and Awards; and Special Events. The duties and functions of each Standing Committee (several of which may be combined under a single chair) are as follows:

8.3.1 CRC/ARC Action Committee. The CRC/ARC Action Committee shall determine major items of concern to the Chapter; obtain biographies on possible candidates for Society and regional offices, committees, and various regional and Society honors and awards; provide direction to the delegate and alternate delegate on actions to be presented on the Chapter's behalf at the CRC; and encourage the Chair of the Chapter Technology Transfer, Student Activities, Membership Promotion and Research Promotion Committees to attend the CRC. The Chair of this Committee should be a Past President of the Chapter.

8.3.2 Student Activities Committee. The Student Activities Committee shall assist and cooperate with other technical and scientific organizations to influence pre-college (K-12) education in math and sciences; shall assist in the formation and/or continuing operation of student branches of the chapter; and shall assist with chapter participation in continuing education courses and related activities. The Chairman of this Committee, or a designated substitute, is expected to attend the CRC/ARC Meeting.

8.3.3 Chapter Technology Transfer Committee: The committee shall develop liaison on technical issues with local levels of government, promote and administer the chapter technology and government activities awards programs, make arrangements for speakers for programs and technical sessions at chapter meetings, including speaker's requirements for equipment, accommodations and travel arrangements and act as host throughout the meetings. The committee shall coordinate the efforts of the chapter by making arrangements with area educational institutions for continuing education courses, and develop an active "Speakers Bureau" to present talks and seminars to chapters and regions. The committee shall submit PAOE points related to chapter programs, and technical and government activities. The committee shall provide timely reports to the regional vice chair. The chair of this committee, or a designated substitute, is expected to attend the CRC/ARC meeting.

8.3.4 Membership Promotion Committee. The Membership Promotion Committee shall encourage applications by persons qualified for membership in the Society; shall encourage increased member participation in Chapter affairs; and shall encourage members to advance in their membership grade in the Society. The Chairman of this Committee, or a designated substitute, is expected to attend the CRC/ARC Meeting.

8.3.5 Refrigeration Committee. The Refrigeration Committee shall promote the refrigeration activities of the Society by promoting the interests and endeavors of those members whose primary concern is refrigeration; shall provide or arrange technical talks on refrigeration to the members at regular Chapter meetings; shall cooperate with the Membership Promotion Committee to identify potential new members who are refrigeration oriented; shall promote chapter-sponsored seminars on refrigeration and shall arrange for continuing education in the refrigeration field. The activities of the Refrigeration Committee shall be coordinated with the Chapter Technology Transfer Committee, and if there is no Refrigeration Committee the activities described above shall be handled by the Chapter Technology Transfer Committee. The Chair of this Committee, or a designated substitute, is expected to attend the CRC/ARC Meeting.

8.3.6 Research Promotion Committee. The Research Promotion Committee shall conduct an annual campaign to obtain investments in ASHRAE Research, The ASHRAE Foundation and Education through the ASHRAE Learning Institute. The Chair of this Committee, or a designated substitute, is required to attend the CRC/ARC Meeting and Special Regional Committee Meeting when called by Regional Vice Chair for Research Promotion.

8.3.7 Auditing Committee. The Auditing Committee shall consist of three (3) members, none of whom shall be members of the Board of Governors, and shall elect its own chair.

8.3.8 Nominating Committee. The Nominating Committee shall consist of five (5) members in good standing. One member of the Board of Governors may serve on the Nominating Committee, but not as its chairman. The Committee shall be elected by the Chapter at the February meeting. At the preceding meeting, the Board of Governors shall submit to the members their nominations for the committee. Additional nominations may be made by Members from the floor at said meeting. Nominees receiving the five highest number of votes shall be elected. In the case of a tie, there shall be a runoff election which shall be held at the same meeting. The Nominating Committee shall elect its own chair.

8.3.9 Program Committee. The Program Committee, in conjunction with the Board of Governors and all other committees, shall arrange programs for the meeting of the Chapter.

8.3.10 Reception Committee. The Reception Committee shall encourage fellowship among members and shall extend cordial greetings to guests and new members of the Society.

8.3.11 Publicity Committee. The Publicity Committee shall publicize the name, purposes and activities of the Chapter in an effort to obtain qualified members; and shall report Chapter activities of public interest to the news media.

8.3.12 Attendance Committee. The Attendance Committee shall be responsible for contacting each member of the Chapter prior to each scheduled meeting or event to ensure that they have received notice of that meeting or event, and to ascertain the expected attendance.

8.3.13 Publications or Newsletter Committee. The Publications Committee shall obtain news of interest to the Chapter members and supervise the publishing of the Chapter newsletter or update the Chapter WEB site.

8.3.14 Historical Committee. The Historical Committee shall collect and safeguard facts, photographs, records and other memorabilia pertinent to the history of the Chapter. The Chair of this committee, or a designated substitute, is expected to attend the CRC/ARC meeting.

8.3.15 Honors and Awards Committee. The Honors and Awards Committee shall consist of a chair and at least two (2) additional members, preferably past chapter presidents. The Honors and Awards Committee shall promote the recognition of outstanding chapter members within the chapter, region, Society, associated societies and the community. The committee shall submit names of qualified chapter members to the Chapter CRC/ARC Action Committee.

8.3.16 Special Events Committee. The Special Events Committee shall handle the arrangements for any special events to be sponsored by the Chapter, or for other events to which the Chapter membership has been invited.

8.4 Other Committees. Additional committees shall be termed as Special Committees and may be appointed at any time by the President, with the advice and approval of the Board of Governors, and shall be announced at the next meeting of the Chapter

8.5 Vacancies. Whenever any member refuses an appointment to a committee or whenever there is a vacancy on any committee by resignation or otherwise, the President shall, with the advice and approval of the Board of Governors, appoint another member to such committee.

8.6 Removal. Any committee member appointed or elected may be removed by the person or persons authorized to appoint or elect such member whenever, in their judgment, the best interest of the Chapter will be served thereby, except that the President shall remove a member only with the advice and approval of the Board of Governors.

8.7 Attendance at Board Meetings. Committee Chair shall attend the meetings of the Board of Governors when so requested by the presiding officer, but shall not be entitled to voting rights at such meetings.

ARTICLE IX - CHAPTERS REGIONAL COMMITTEE

9.1 Election of Delegates. The Board of Governors-Elect shall elect from among its members one delegate and one alternate to the Chapters Regional Committee. At least one of said delegates shall be an officer-elect of the Chapter. The delegates shall be announced at the annual meeting of the Chapter. The names of such delegates shall be certified in writing by the Secretary to the Secretary of the Society and the Regional Chair by the first day of the following June.

9.2 Term. The delegate and alternate delegate shall serve for a term of one (1) year, commencing on the first day of June following their election. No member may be elected to serve as the delegate for more than two (2) consecutive terms; no member may be elected to serve as the alternate delegate for more than two (2) consecutive terms; and no member may be elected to serve in either capacity for more than four (4) consecutive terms.

9.3 Duties. The duties of the delegate and alternate delegate shall be as prescribed from time to time by the Society. They shall transmit recommendations concerning policies, procedures, and operations of the Society, its Chapter and its Student Branches to the Regional Chair in advance of the Chapters Regional Committee Meeting; shall attend such meeting; shall suggest candidates for the Board of Directors of the Society, Society Committees, and miscellaneous Society honors and awards; shall participate in the election of one (1) member and one (1) alternate member to serve on the Society Nominating Committee; and shall report to the Board of Governors of the Chapter regarding the business transacted at the Chapters Regional Committee Meeting, together with any recommendations for Chapter action.

9.4 Vacancies and Removal. Whenever either delegate is unable to fulfill this office, the Board of Governors shall appoint another delegate. Either delegate may be removed by the Board of Governors whenever, in its judgment, the best interest of the Chapter will be served thereby.

ARTICLE X – AMENDMENTS

10.1 Powers and Limitations. All Articles of these Bylaws shall be subject to alteration or repeal, consistent with the Certificate of Consolidation, Bylaws, and Rules of the Board of Directors of the Society and applicable tax regulations for non-profit organizations or corresponding provisions of applicable tax laws..

10.2 By Society. Amendments to these Bylaws set forth in written directives of the Secretary of the Society shall be adopted by a majority of the Board of Governors. Written copies of said amendments shall be sent by the Chapter Secretary to all members, or an officer of the Chapter shall read said amendments at the next succeeding Chapter Meeting.

10.3 By Chapter. Amendments to these Bylaws may also be initiated by a written resolution of a majority of the Board of Governors or by not less than five (5) members in good standing with voting privileges and may be presented at any meeting of the Chapter. If approved by a majority of the members present, the Chapter Secretary shall mail copies of the proposed amendments to all members not less than seven (7) days before the next succeeding meeting. If approved by a two-thirds (2/3) vote at such meeting, the Chapter Secretary shall forward such amendments to the Secretary of the Society for approval by the Charter and Bylaws Committee of the Society and review by the Regional Chair. Any amendments shall become effective only upon receipt of written notice of approval by the Charter and Bylaws Committee of the Society.

ARTICLE XI – ADOPTION

These Bylaws shall be completed and adopted by a majority of the Board of Governors. Written copies of said Bylaws shall be sent by the Secretary to all members and shall be sent, as amended, to such persons as shall, from time to time, become members of the Chapter.

Adopted by the Hawaii Chapter:

Date
February 8, 2008

Chapter President
Samuel F. Gillie