



LAE I LAE POINT TO POINT

Lae I Lae, a newsletter from the **Hawaii Land Surveyors Association**, an affiliate and a member with the National Society of Professional Surveyors

EMAIL: hlsa-hawaii@outlook.com WEBSITE: www.hlsahawaii.org

COMPRISED OF APPROXIMATELY 70% OF THE LICENSED LAND SURVEYORS IN HAWAII OUR OBJECTIVE IS TO BRING TOGETHER THE LAND SURVEYING COMMUNITY THROUGH EDUCATION AND TO PROVIDE NETWORKING OPPORTUNITIES AND BUSINESS RESOURCES.



Kalaupapa Harbor, Island of Mōlokaʻi
Photo By: Cliff Yim, PLS (HI)



PRESIDENT'S MESSAGE

BY CHRISTINA VILLA

Aloha HLSA members!

It seems like just yesterday I was writing a message to you, it was important to me that our first newsletter of 2022 got out on time. Before I hand over my baton to the next President, there are some important and exciting announcements I would like to make!

First, I want to humbly thank all the members, Board of Directors, and trusted colleagues for an awesome 2021! Our Board of Directors worked diligently last year, without their support we would have no wins to celebrate. They made my term as President a very successful and memorable one. I also wish the next President nothing but more success and achievements in 2022. I know whomever it is, will do a fantastic job. The continued support of our HLSA members is what gives us the motivation to go above and beyond in maintaining our collective presence and to stand united. I thank you all from the bottom of my heart, for allowing me to enjoy such a wonderful experience serving as your President. It was a great honor in my career, that I will never forget.

Next, we will be holding our **Hawaii Land Surveyors Annual Meeting on Saturday, March 26, 2022 at 10:00 AM**. We will send out a Zoom link to our members to attend the meeting. Our formal association business meeting and the election of our Board of Directors will take place at this time. All members will have the opportunity to elect new/returning board of directors for the 2022 term. I encourage all members to attend, as the Board has a heavy influence on the leadership in our Land Surveying community within the State of Hawaii. We are asking that if you have a person you would like to nominate to be on the board, please send in your [nominations by 9:00 PM, Friday, March 18, 2022](#). You can email hlsa-hawaii@outlook.com with your nominees. It would be great to see new faces on the board, new faces can bring new ideas!

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZEIfuisqTgoGt1i2Q8Zvo-tia7P3jaKnDdT>

After registering, you will receive a confirmation email containing information about joining the meeting.

Additionally, we have set the date for our very first virtual joint conference with **Alaska Society of Professional Land Surveyors (ASPLS) and Hawaii Land Surveyors Association (HLSA)**! The conference will be held from [Thursday, April 28th to Saturday, April 30th, 2022](#). On Saturday, April 30th, classes will be focused on topics for all our land surveying field technicians. Don't forget to take advantage of this wealth of knowledge! Registration opens in March! Please check the HLSA website for additional information on registration.

Some of our featured speakers at the virtual conference will be:

- Kristopher Kline, PLS and President of 2Point, Inc. located in North Carolina. Kris has written numerous books and provided educational courses on legal aspects of retracements.
- Gary Kent, PLS and owner of Meridian Land Consulting, Inc. in Indiana. Gary has graced us with his very informative educational workshops, such as the ALTA/NSPS Land Title Survey requirements, Easements and Right-of-Ways. He also published columns in *The American Surveyor*.



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- Landon Blake, PLS and President of Redefined Horizons serving Central California. He is a land surveyor and land planner in Central California and Western Nevada.

And many more!!

If you would like to be a guest speaker, sponsor or have any other questions about the conference please feel free to contact LandSurveyorConference@gmail.com.

I would also like to send a **big Mahalo to Matthew Vernon, PLS (CA)** for presenting at our first virtual workshop this past January on the 2021 ALTA/NSPS Land Title Standards Update. The workshop was held for free and open to everyone. The workshop was very detailed and covered all the important aspects of working on an ALTA/NSPS Land Title Survey. Once again, Mahalo, Matt for volunteering and offering your personal time to educate us here in Hawaii. I wish we had the resources to have you in person, as I know you love to visit the islands. We send our warmest aloha to you for leading our first virtual workshop!

Recently, it was brought to our attention that House Bill 2332 is proposing to exempt the granting of easements on public lands from formal subdivision process and approval requirements, including requirements for surveying and formalizing easements. Department of Land and Natural Resources is in support of this measure. As this is a public debate, you have the opportunity to examine this bill on the Legislature's website and get involved. If you are unsure how, please get in touch with us. This bill impacts our profession as well as the public's interest in the proper mapping and describing of easements over public lands. Maps and descriptions are integral to proper land management. They are required for identifying and avoiding conflicts of interests and reducing liability concerns between stakeholders with use rights in real property. As land surveyors, we have a duty to ensure that any requirement for a survey is not circumvented merely because it is inconvenient, but rather because the circumstance requires it, there is good cause and there is reasonable assurances that such a survey will be produced when necessary. On issues of surveying, we are the professionals. By collaborating with law makers and educating agencies, both public and private we can have an impact on this bill.

Calling all recruiters, potential, and existing members, our membership is still open for the calendar year of 2022! Please visit our website or visit this link provided to renew your membership: <http://www.hlsahawaii.org/membership/>

Becoming a member provides you with resources, such as educational workshops and events at a discounted member rate or at times for free, as well as a bi-monthly newsletter to keep you in the loop of our profession in Hawaii. As a sustaining member, you are also entitled to a discounted member rate to educational workshops and events for up to two members, as well as free advertisement in our newsletter!

Sincerely,
Christina Villa
2021 HLSA President



EMPLOYMENT OPPORTUNITIES



HAWAII ENGINEERING GROUP, INC.

Hawaii Engineering Group, Inc. is a full-service civil, structural and electrical consulting engineering and land surveying firm that specializes in commercial, industrial and residential projects. With over 25 years of experience in the industry, we recognize that we are only as successful as the people we employ.

SURVEY PARTY CHIEF (HONOLULU):

HAWAII ENGINEERING GROUP, INC. IS LOOKING FOR A SURVEY PARTY CHIEF FOR A LONG-TERM FULL-TIME POSITION.

- PERSON MUST BE DEPENDABLE, HAVE A DRIVER'S LICENSE, BE A U.S. CITIZEN, HAVE NO FELONY CONVICTIONS AND BE ABLE TO TRAVEL.
- EXPERIENCE MUST INCLUDE 5 YEARS FIELD WORK EXPERIENCE IN ALTA, TOPOGRAPHIC, BOUNDARY AND CONSTRUCTION SURVEYS. AUTOCAD AND TDS DATA COLLECTOR EXPERIENCE A PLUS. MUST HAVE EXPERIENCE AS A PARTY CHIEF.
- SEND RESUME TO: HEGADMIN@HAWAIIENGINEERING.NET
- SALARY: NEGOTIABLE WITH EXPERIENCE
- BENEFITS: MEDICAL, 401K, PROFIT SHARING, PAID VACATION & SICK LEAVE

Aerial Surveying, Inc.

Currently looking to fill the following position:

SURVEY FIELD TECHNICIAN

- Drone Pilots License required or willing to obtain one.
- Experience in GPS and field data collection required
- Willing to Travel
- Salary determined by experience

Send resume to tom@surveyhawaii.com



EMPLOYMENT OPPORTUNITIES



WES THOMAS ASSOCIATES

-Land Surveyors-

75-5749 Kalawa Street, Suite 201, Kailua-Kona, Hawaii 96740

Phone: 808.329.2353 - Fax: 808.329.5334

surveys@wtahawaii.com - www.wtahawaii.com

Wes Thomas Associates has been surveying in Hawai'i since 1975. This has allowed us the luxury of dedicating our staff, equipment, and facilities to this single specialized profession.

Our office is conveniently located in Kailua-Kona on the Big Island of Hawai'i and is managed by our President and Chief Surveyor, Chrystal Thomas Yamasaki, LPLS. Our staff has an aggregate experience of over 100 years of providing professional land surveying services in Hawai'i. Surveying is the primary focus of the firm, and we have completed thousands of individual survey projects since our inception.

POSITION AVAILABLE: SURVEY PROJECT MANAGER (KONA, BIG ISLAND)

Position Summary:

- Full-time position available for experienced survey project manager.
- You will be working closely with land surveyors, other project managers and CAD personnel.
- Expectations include: acquisition of field data, analysis of research and field data, preparation of project computations for use by CAD personnel and ultimately delivery of a final product for the client.
- Pay will depend on level of experience, certifications and licenses, if any.
- Our firm offers Medical, Dental and Paid Vacation and Sick Leave (at anniversary date)
- Inquire for more information/Send Resume to: **surveys@wtahawaii.com** or **call (808) 329-2353**



EMPLOYMENT OPPORTUNITIES



ParEn, Inc. □ dba **park engineering**

ParEn, Inc. dba Park Engineering is an employee-owned, small business enterprise providing civil engineering and surveying services to clients throughout the State of Hawaii. As one of the leading engineering and surveying firms in Hawaii, Park Engineering has played an important role in the development and growth of our island community for the past 70 years.

Land Surveying Field Technician: Rodman (Full-Time)

The Survey Rodman will be responsible for assisting the Party Chief in the performance of field work on all types of surveying projects.

General Responsibilities:

- Transporting and setting up equipment and instruments necessary for the survey.
- Preparing the job site for a survey, such as, clearing out the areas of vegetation or debris.
- Holding the prism staff and using of all tools necessary to complete the survey.
- Keep the company vehicle, tools and equipment clean and orderly.
- Inform the Party Chief or management of any safety concerns.
- Comply with all safety requirements.
- Able to take instructions from the Party Chief and work with others.

Requirements:

- High School Diploma or GED preferred.
- Maintain a valid driver's license.
- Work in various work environments.
- Able to lift up to 50-lbs.
- Knowledge with basic mathematics and reading numerals.

Advancement opportunities are available.

Email Resume: wteruya@pareninc.com



EASY RECIPES

PORTUGUESE BEAN SOUP

Ingredients:

- 1 Smoked Ham Hock
- 1 lb Portuguese Sausage, sliced or cubed
- 2 cans of Chicken Broth (14.5 oz.)
- 2 cans of Kidney or Pinto beans, include everything from can
- 6 Cups Water
- 2 to 3 Potatoes, cubed
- 2 large carrots, sliced
- 1 large onion, cut into chunks
- 1 can Tomato Puree (1 lb, 13 oz)
- Salt and pepper to taste



Directions:

In a large pot; fry portuguese sausage and drain oil. Add ham hock and 6 cups of water. Cover the pot and bring to a boil. Cook for 1 hour or until ham hock is tender. Add remaining ingredients and cook for 30 to 45 more minutes. Makes 6 servings.

PODCAST



Please check out Mentoring Mondays for informational presentations to help build our knowledge in this profession.
WWW.MENTORINGMONDAYS.XYZ

Members have spoken and we are listening! To fill the void left by the ending this past July of the NSPS Radio Hour, the weekly radio show hosted by Executive Director Curt Sumner, we are proud to announce our new podcast, **"SURVEYOR SAYS!"** featuring all things surveying.

SURVEYOR SAYS!



NSPS

THE PODCAST



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1 Maximum flight time in optimal conditions
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Technology

What is it?

Highly accurate method of capturing intimate details of existing buildings, construction sites, or water ways.

How does it work?

Uses laser light and advanced scanners to create 3D points.

What can it do?

It can document dimensions and measurements of large and small scale projects with accuracy of 2-4mm.

Want to learn more?

Scan the QR code below for 4 reasons why 3D modeling and BIM are the future of infrastructure design.



Design with **community** in mind

We're active members of the communities we serve. That's why at Stantec, we always design with community in mind.

The Stantec community unites approximately 22,000 employees working in more than 350 locations across six continents. Our work—from initial project concept and planning through design, construction, and commissioning—begins at the intersection of community, creativity, and client relationships. With long-term commitment to the people and places we serve, Stantec has the unique ability to connect to projects on a personal level and advance the quality of life in communities across the globe.

Visit us at stantec.com or contact one of our experienced 3D Laser Scanning professionals below:

Victor Rasgado, LPLS

(808) 208-2837

victor.rasgado@stantec.com

UAS remote pilot certified (Part 107)

Brett Etheredge, LPLS

(808) 348-7664

brett.etheredge@stantec.com

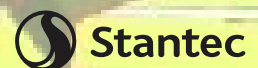
UAS remote pilot certified (Part 107)

High Definition Laserscanning

Exploring the World in Three Dimensions

Laser scanning lets us measure and collect data from small objects to large landscapes using point cloud data.

Accurate real time data can help drive your decision making, expedite projects, reduce site visits, and prevent rework.



Capabilities

Using time-of-flight and phase-based laser scanning instruments, we provide public and private sector clients with a variety of 3DLS services. We use terrestrial laser scanning techniques to provide a total solution of 3D-mapped interior and exterior as-built environments. 3DLS collects millions of 3D points that are analyzed and processed to create highly accurate and visually engaging products.

Utilizing specialized software, we process the 3DLS data and create deliverables that are compatible with a variety of design and analysis programs. Our modeling teams have developed workflow systems to provide a practical interface solution—merging 3DLS point cloud data into industry standard drafting, modeling, and Building Information Modeling (BIM) programs.

Benefits

3DLS offers many benefits, including accurately gathering more data in less time than traditional surveying techniques, added safety, and reduced facility downtime.

Other benefits include:

- **Flexibility.** Systems can be mounted to vehicles to cover vast landscapes, roads, or rail systems quickly.
- **Safety.** Laser scanning allows the machine to collect the information rather than putting teams of in tight spots.
- **Site Sensitive.** Drone mounted 3D scanning supports access to historic sites, preserves history, and supports national defense.
- **Reduced Time.** Just in time data eliminates the need to schedule crews weeks in advance and saves data calibration and consolidate time.
- **Accuracy.** As-built data is readily available for future modifications and improvements.

Applications

Clients are moving to BIM modeling for accuracy

We employ 3DLS on projects that require high definition and precision using rapid data collection techniques. Examples include as-builts, roadways, bridges, airports, historical buildings, forensics, power generation, environmental, industrial inventories, and more.





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