



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

Pali Lookout, Island of Oahu

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.



PRESIDENT'S MESSAGE

BY CHRISTINA VILLA

Aloha HLSA members!

This is the start to my favorite time of the year, finally time to look forward to the holiday season and all the joy it brings. I love seeing all the cheerful decorations and everyone in good spirits knowing they will have the opportunity to spend some quality time with family and friends. In spreading jolly and good cheer, please continue to take safety precautions to protect your health and of your loved ones. We can all enjoy gathering safely by working together.

The Hawaii State Department of Health has been giving away free COVID-19 test kits to keep our communities safe. It is an opportune time to pick some up before the busy holiday festivities. It is a first come, first serve basis, while supplies last. Please visit this website for test kit pick-up locations and times: <https://covidtesthawaii.org/get-your-tests/>

I hope everyone was able to attend this month's "Changes to Deregistration" workshop hosted by Meyer Cummins, LPLS, Land Surveyor from the Department of Accounting and General Services. It was a free class, open to the public. On behalf of Hawaii Land Surveyors Association, I would like to extend our greatest gratitude for his ongoing dedication of time and effort to coordinating these workshops for all to benefit from. His class was very informative on the new File Plan requirements, which is now a part of the deregistration process. He also covered Hawaii Revised Statutes changes and mapping requirements. If you have additional questions about the mapping requirements, please contact the State Land Survey Division.

A Big Mahalo is in store for Dennis Esaki, LPLS, President of Esaki Surveying and Mapping, Inc., our honored guest speaker on the Virtual Realtor Workshop "Surveys, Encroachments and Structure Position Discrepancies" held on October 22. Title Guaranty Hawaii hosted a workshop that covered many topics that were valuable for land surveying, title and real estate professionals. Dennis enlightened everyone with his expertise in land surveying and it was a great additional treat to the workshop. Thank you again Dennis, for representing our profession and association with your knowledge.

Each month, the agenda for our HLSA Board of Directors has been getting longer. There are a few items that are currently on the list that have our attention. I am sharing them with you today, with hopes you all would like to help by joining a committee. With more members involved, the more we can get done. As we all know, team effort is beneficial to our profession. You can be a part of making a big impact with your representation.

1. 2022 Virtual Conference: We are focusing our efforts on a virtual conference for 2022. It will be our first ever virtual conference. We are still working out the details for the conference and will announce them soon. In the meantime, we are looking for guest speakers or topics you may want to have spotlighted during this conference. If you are interested in participating as a speaker or vendor please contact us at hlsa-hawaii@outlook.com.



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BY CHRISTINA VILLA

2. HLSA Educational Outreach: As our profession is rapidly changing with newer technologies, such as GIS, LiDAR scanning, Unmanned Aerial Systems (UAS), and other advanced software, we need to provide educational opportunities for our members, students and future surveyors. The HLSA Board of Directors would like to provide some support efforts in promoting education towards our career pathway within our school systems. It may sound like a long shot, but it is up to us to plant the seed. Other states already have resources and programs available. To start, having a dedicated committee in place will help us develop a program that we can model for those interested in helping sustain our profession. This will be beneficial for all in our field as it will be easier to find qualified employees, promote surveying technicians, increase licensed land surveyors in our state, and veteran land surveyors will be able to keep their skills current at this time in their career. <http://www.hlsahawaii.org/career-paths/>

3. Legislative Actions: The Board of Directors continue to keep future legislative actions on the table. These legislative actions are beneficial as a land surveyor and to keep our profession's integrity. Our potential bills that we are currently reviewing are Right of Entry Law in favor of Surveyors; Statute of Limitations; and increasing punitive measures for unlicensed boundary work.

Each month I observe members of the board having to juggle personal life, work and serving on our board. It is truly admirable and amazing how much they want to help our profession. I hope there are others who also feel the same way. The more hands in the pot we can get to help in these three committees, the less juggling everyone is responsible for doing. I am not asking for all these tasks to be completed in a week, month or a year. Some of our actions require completion to span a couple of years. Other actions are completed quickly, as it may be of priority. If you feel like you would be the perfect candidate for one of these committees, please contact me!

More opportunities for distance learning are on the horizon. I have been contacted about some topics for future workshops and will work with the board to get them rolling! If you are thinking about enrolling in the next one, I plan on discussing the following topics with the board: ALTA/NSPS Standards, Surveying License Review, and Mapping Basics for CAD technicians.

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
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EMPLOYMENT OPPORTUNITIES



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-Land Surveyors-

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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**



HOLIDAY RECIPE



PORTUGUESE SAUSAGE STUFFING

Ingredients:

- Non-stick vegetable spray
- 1 (12-ounce) package Portuguese sausage, cubed
- 1/2 cup butter
- 2 cups chopped celery
- 1 medium onion, chopped
- 1/2 cup chopped green bell pepper
- 12 cups cubed Hawaiian sweet bread, toasted
- 1/2 cup shredded Parmesan cheese
- 1 tablespoon minced fresh basil
- 1 teaspoon rubbed sage
- 1/2 teaspoon salt
- 1/4 teaspoon pepper
- 4 cups low-sodium chicken broth
- 2 eggs, slightly beaten

Directions:

Preheat oven to 325°F. Coat a 3-quart baking dish with non-stick spray. In large skillet, cook sausage over medium heat until no longer pink; drain fat. Remove from skillet; set aside. In the same skillet, melt butter. Add the celery, onion, and green pepper; sauté until tender. In a very large bowl, combine sweet bread, sausage, celery mixture, cheese, and seasonings. Add broth and eggs; toss to combine. Spoon mixture into baking dish; cover with foil; bake for 1 hour. Uncover; bake 10 minutes longer or until lightly browned. Makes 14 servings.

*enjoy
every
moment.*

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

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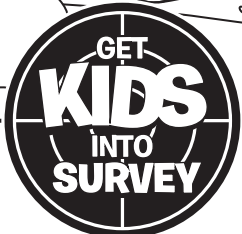
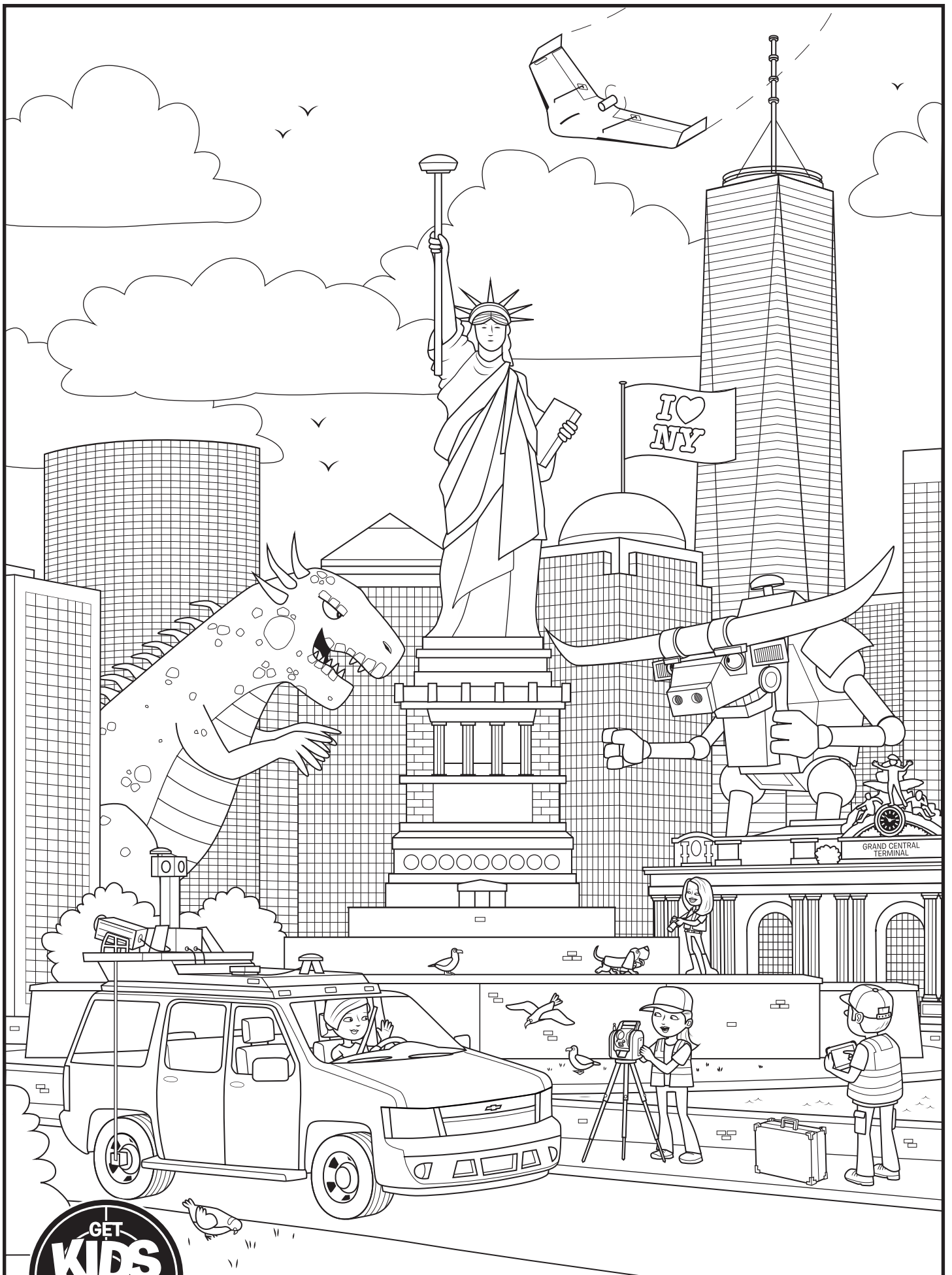


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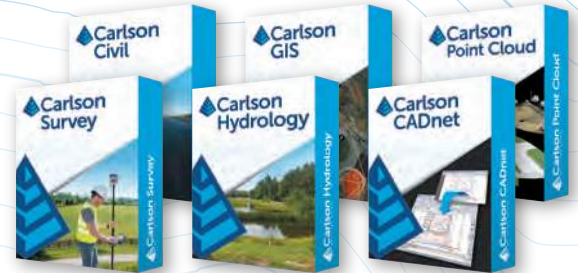
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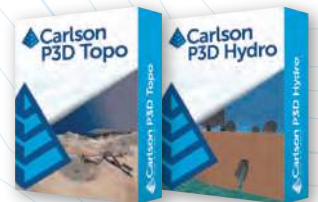
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Technology

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.

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



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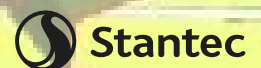
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Exploring the World in Three Dimensions

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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