

**AUSTIN VAN HEUSEN DIRECT TESTIMONY**

**PRESENTATION HEARING**

**KA'ULU (KAL 21-005)**

**Q Please state your name, place of employment, and position.**

A Austin Van Heusen, Energy Efficiency Specialist, Project Manager and Sustainability Certification Consultant, Green Building Hawai'i.

**Q How long have you been in this position?**

A I've been with Green Building Hawai'i since March, 2021.

**Q Please describe your educational background and experience.**

A Please see my resume, which is marked as an exhibit in this proceeding. Among other certifications, I am a Certified Building Commissioning Professional, a Certified Energy Auditor, and LEED AP. I am one of seven LEED AP Homes credentialed professionals in Hawai'i and one of three HERS Raters in Hawai'i.

**Q Please describe your firm's experience.**

A Green Building Hawaii is a leading sustainable energy consulting and project management firm that specializes in helping residential and commercial developers, owners, architects, engineers and others across the state to design, build, operate and maintain high-performance buildings and homes. Our mission is to foster a vibrant green economy in Hawai'i that serves as a model for the world, ensuring a sustainable existence for current and future generations.

Green Building Hawaii has partnered with Gentry for years to perform energy efficiency inspections and performance ratings for Gentry's developments. Gentry is a recognized leader in developing green, energy efficient residential homes in Hawai'i.

**Q What has your firm been retained to do for this Project?**

A Gentry Kalaeloa, LLC retained Green Building Hawaii to conduct a LEED certification review for Ka'ulu and to confirm that the project's design complies with the green building requirements in the Kalaeloa Community Development District ("KCDD") rules.

**Q Please describe the green building features of the Ka'ulu development.**

A As with other Gentry developments in Hawai'i, Gentry Kalaeloa is proposing to offer energy-efficient and sustainable homes in Ka'ulu. The homes will feature energy-saving appliances, insulation, solar water heating, LED lighting and options for electric car

charging. In addition, various features of the buildings and site also incorporate sustainable practices. The design incorporates natural shading and ventilation to the extent possible, and irrigation and storm water designs meet green building standards.

**Q Please describe the results of Green Building Hawaii's LEED certification review.**

A Green Building Hawaii reviewed the plans, drawings, location, known building practices and product selections for Ka'ulu under the LEED-Homes version 4 rating system. Based on our review, and as documented in the scorecard and LEED Homes checklist included in Appendix A of the application, we are confident that the project could earn a Gold level LEED for Homes certification. Gentry will submit documentation and sustainability calculations showing that the proposed project meets the applicable green building rating system at the appropriate certification level.

**Q The KCDD Rules (HAR § 15-215-48(c)(3)) requires documentation of at least one LEED point or other comparable measure in an alternative rating system for the appropriate certification level for the following credit categories: 1) at least one LEED point in either sustainable site: stormwater design - quantity control or quality control; 2) at least one LEED point in either sustainable sites: heat island effect - non-roof or roof; and 3) At least one point in water efficiency, water efficient landscaping. Are you familiar with these provisions?**

A Yes, I am familiar with these provisions of the KCDD Rules. Green Building Hawaii analyzed the Ka'ulu development in light of these provisions.

**Q In your opinion, does the Ka'ulu design meet the green building requirements of HAR § 15-215-48(c)(3)?**

A Yes. Based on Green Building Hawaii's review of the Ka'ulu design, in our opinion, Ka'ulu is designed to meet the requirements of HAR § 15-215-48(c)(3). Specifically, the project is designed to earn at least one LEED point (or equivalent) in the following categories:

- Stormwater design - quantity control, as the project is designed to control stormwater runoff from at least a 95<sup>th</sup> percentile rain event;
- Heat island effect - roof, as the project is designed to reduce the roof heat island effect through using Energy Star qualified roofing products; and
- Water efficiency - water efficient landscaping, as the project is designed with water efficiency measures designed to achieve landscape water requirement reductions over baseline calculations.

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