



601 SW 2<sup>nd</sup> Ave, #1140  
Portland OR, 97204

Tel: +1.503.243.2556

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David Yamane  
The Howard Hughes Corporation  
1240 Ala Moana Boulevard, Suite 200  
Honolulu, HI 96814  
T: 808.426.7686  
david.yamane@howardhughes.com

**Re: Ward Village Block E  
RWDI Reference No. 2300436**

Dear Mr. Yamane,

RWDI USA LLC (RWDI) has been retained by Architects Hawaii Limited (AHL) to conduct wind tunnel studies for the pedestrian wind conditions, structural wind loads, cladding wind loads, as well as outdoor thermal comfort door operability, wind driven rains, and solar reflections for the proposed Ward Village Block E development in Honolulu, Hawaii.

The proposed development includes a 34-story residential building with an outdoor amenity podium on the 5<sup>th</sup> and 6<sup>th</sup> floor. The site is bounded by Queen Street, Kamakee Street, Ala Moana Boulevard and Auahi Street. For wind related studies the winds around the proposed development will be simulated in one of RWDI's boundary-layer wind tunnels for the existing and proposed configurations by using a scale model of the study building and its surroundings. Wind tunnel measurements for 36 wind directions will be taken across the site and the structure itself, and then combined with long-term meteorological data collected from the nearby Honolulu International Airport to predict the wind speeds and frequencies in full scale. This data will then be analyzed for the various wind related studies being performed.

Immediately following the wind tunnel tests, a report will be issued to summarize our main findings through tables and figures.

The Solar reflections study is a bit different in that it utilizes a 3D computer model is used to input the form of the building, reflectivity of surfaces, and the meteorological data for the site to quantify the visual impacts and localized heat that may result from the building design.

If you have any questions, please do not hesitate to contact us.

Yours truly,

**RWDI**

Jasha Kistler, PE.

Senior Project Manager / Associate Principal

**EXHIBIT E-31**

