



**Road Running Technical Council
USA Track & Field
Measurement Certificate**



Name of the course REVEL Kulia Half Marathon Distance 21.0975km
Location (state) HI (city) Waimea
Type of course: Road Race
Measuring Methods: Bike
Measured By Lane Brooks, 254S 700W, Pleasant Grove, UT 84062 lane@brooksee.com (801) 369-7320
Race Contact Lane Brooks, 254S 700W, Pleasant Grove, UT 84062 lane@brooksee.com (801) 369-7320
Date(s) when course measured: 01/15/2020
Number of measurements of entire course: 2 Course Configuration: Point to Point
Elevation (meters above sea level) Start 746.76m Finish 13.1m Lowest 13.1m Highest 746.76m
Straight line distance between start and finish 16415m Drop 34.78 m/km Separation 77.81 %
Type of surface: Paved 100 % Dirt 0.00 % Gravel 0.00 % Grass 0.00 % Track 0.00 %
Effective date of certification: January 15, 2020 Certification code: HI20003RP

Note to Race Director: Use this Certification Code
in all public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If any changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 of the year: **2030**

AS NATIONALLY CERTIFIED BY:

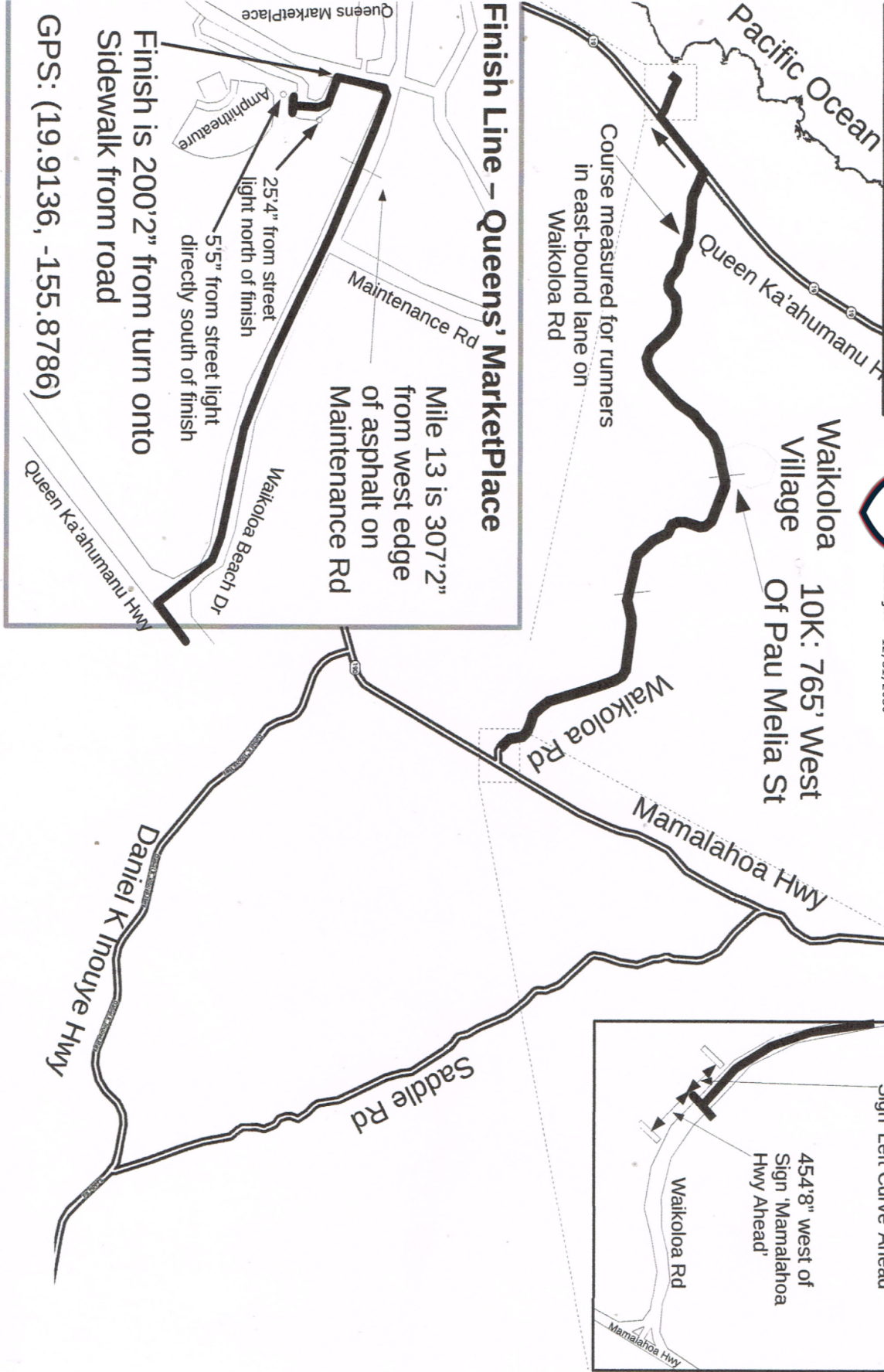
Date: January 17, 2020

Ronald Pate - USATF/RRTC Certifier - 1050 Bishop Street #179, HONOLULU HI 96813
(808) 551-4463 - coachpate7@hotmail.com

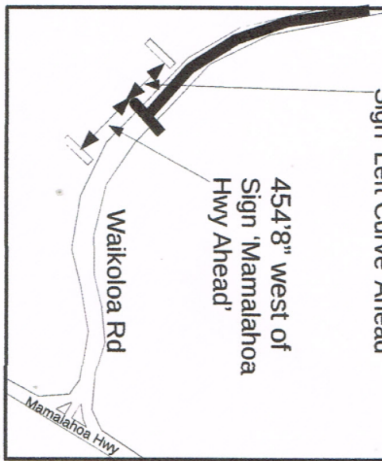
REVEL KUIIA Hair Maratnon
Waikoloa Village, HI
 Measured by
 Lane Brooks & Jared Rohatinsky
 January 15, 2020



USATF Certificate
 HI20003RP
 Effective: 01/15/2020
 Through: 12/31/2030



Start Line
 GPS: (19.8973, -155.7089)



Finish Line - Queens' MarketPlace
 Mile 13 is 307'2" from west edge of asphalt on Maintenance Rd
 25'4" from street light north of finish
 5'5" from street light directly south of finish
 Finish is 200'2" from turn onto Sidewalk from road
 GPS: (19.9136, -155.8786)

Waikoloa Beach Dr
 Queens' MarketPlace
 Ampitheatre
 Maintenance Rd
 Queen Ka'ahumanu Hwy

Mamalahoa Hwy
 Waikoloa Rd
 Daniel K Inouye Hwy
 Saddle Rd