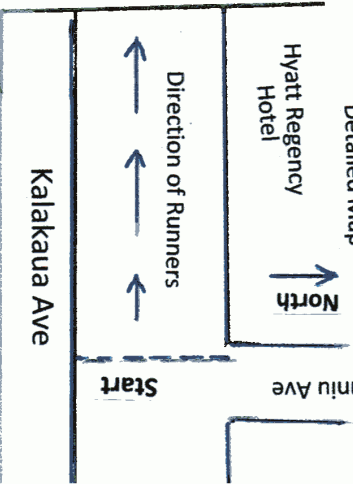
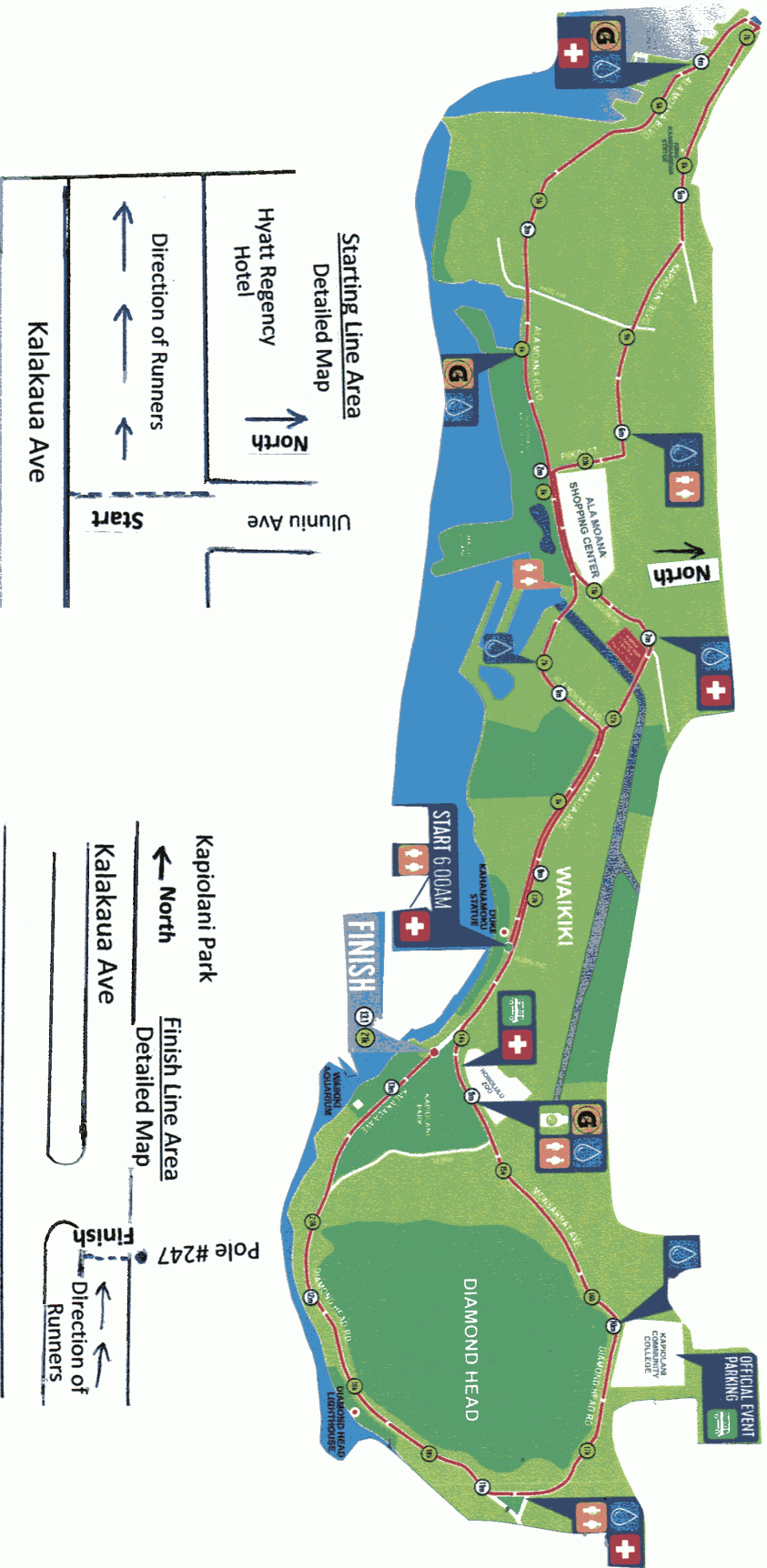




- COURSE MAP KEY**
- COURSE ROUTE
 - MILE MARKER
 - KILOMETER MARKER
 - GATORADE
 - WATER
 - MEDICAL AID
 - RESTROOMS

USATF Certification #H119004RP
 Effective 3/17/2019 thru 12/31/2029
 Drop 0m/km, Separation 3.84%

Course description: Start on Kalakaua Ave at Uluniu Ave, go E/WA on Kalakaua Ave, turn left at Ala Moana Blvd, continue onto Nimitz Hwy, turn right at River St., right onto King St., right onto Kapiolani Blvd, right at Piikoi St., left at Ala Moana Blvd, left onto Atkinson Dr., right at Kapiolani Blvd., right at Kalakaua Ave, continue onto Monsarrat Ave, to Diamond Head Rd., crossing to the oceanside of the roadway at Kahala Ave, continue into Kapiolani Park on Kalakaua Ave, finish at pole #247.



Note: Map is Not to Scale

Measured March 7, 2019 through March 17, 2019
 by Ron T Pate



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



Name of the course Hapalua Half Marathon Distance 21.0975 Km
 Location (state) Hawaii (city) Honolulu
 Type of course: road race calibration course
 Measuring method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Ron T Pate, 1050 Bishop St #179, Honolulu HI 96813
808-551-4463; coachpate7@hotmail.com
 Race contact (name, address, phone & e-mail) J.J. Johnson
3435 Waiialae Ave. #208 Honolulu, Hawaii 96816 (808) 734-7200
 Date(s) when course measured: March 7 thru 17, 2019
 Number of measurements of entire course: 2 Course Configuration: Out, Loop & Back
 Elevation (meters above sea level) Start 5 meters Finish 5 meters Highest 8 meters Lowest 1 meter
 Straight line distance between start & finish 810 meters Drop 0 m/km Separation 3.84 %
 Type of surface: paved 100 % dirt - % gravel - % grass - % track - %
 Effective date of certification: March 17, 2019 Certification code: HI19004RP

Notice 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 this course, or at the discretion of USA Track & Field, a verification remeasurement 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 in the year **2029**

AS NATIONALLY CERTIFIED BY:

Ron T Pate Date: March 17, 2019
 Ron Pate • USATF/RRTC Certifier • 1050 Bishop St #179 • Honolulu HI 96813 • 808-551-4463 • coachpate7@hotmail.com

Justin Kuo Date: April 11, 2019
 Justin Kuo • USATF/RRTC Vice Chair • 39 Oakland Rd • Brookline MA 02445 • 617-731-9889 • jkuo@usatfne.org

- 11 km:** On Atkinson Dr., in the middle of the crosswalk in front of the YMCA, 2.13 meters makai of the 5.2 meters makai the steps of the entrance of KHON at 88 Piikoi St. traffic signal.
- Mile 7:** Southeast corner of Atkinson Dr. at Kahakai Dr. (Hawaii Convention Center).
- 12 km:** In front of 1925 Kalakaua Blvd.
- Mile 8:** 3.81 meters (12'6") east of hydrant #7043 on Kalakaua Ave, west of Royal Hawaiian Ave.
- 13 km:** 26 meters Diamond Head of fire hydrant #1064 on Kalakaua Ave Diamond Head of Seaside Ave
- 14 km:** 3.4 meters Diamond Head of the traffic signal on Kalakaua Ave at Kapahulu Ave
- Mile 9:** 17.8 meters (55'1") west of light pole #5 on Monsarrat Ave, next to the Waikiki Shell Parking lot.
- 15 Km:** 4.5 meters mauka fire hydrant 1102 on Monsarrat Ave, next to Waikiki school, across the road from 3036 Monsarrat Ave.
- 16 km:** 3 meters EWA the 3rd light pole EWA Makapuu Ave, at the hill top on Diamond Head Rd
- Mile 10:** 4.3 meters (14') east of light pole #10 on Diamond Head Road, east of Makapuu Ave.
- 17 km:** 12 meters EWA Pole #35, just EWA 22nd Ave on Diamond Head Road.
- Mile 11:** 25.4 meters south of fire hydrant #3897 on Diamond Head Road, on the south side of the driveway of 3840 Diamond Head Road.
- 18 km:** Middle of the driveway in front of the Garage of 3727 Diamond Head Road.
- 19 km:** 4.9 meters EWA the EWA (west) driveway of the Light House on Diamond Head Road
- Mile 12:** 2.2 meters west of Pole #26 on Diamond Head Road across the roadway from 3263 Diamond Head Road.
- 20 Km:** At the south edge of the driveway of 3011 Diamond Head Road.
- Mile 13:** 2.96 meters (9'8.5") EWA (west) of Pole #275 on Kalakaua Ave.
- 21 km:** 95 meters Diamond Head of Pole #247 (Marathon Finish Line) on Kalakaua Ave.
- Finish Line:** Pole #247 on Kalakaua Ave in Kapiolani Park.

Hapalua Half Marathon (Mile & Kilometer Locations)

USATF Certification #HI19004RP

Effective Date: March 17, 2019

- Starting line:** 50 meters Diamond Head of **Duke Kahanamoku** statue at the traffic signal on the Diamond Head side of Uluniu Ave.
- 1 km:** EWA / Makai (SE) corner of Saratoga Rd on Kalakaua Ave., 5.8 meters EWA the traffic signal on the corner.
- Mile 1:** 10.4 meters (34 ft) east of light pole 70 418 on Ala Moana Blvd, across the roadway from Inn at the Park Hotel.
- 2 km:** 11.6 meters Diamond Head of fire hydrant 1023 in front of the Ilikai Hotel on Ala Moana Blvd.
- 3 km:** On Ala Moana Blvd, across from fire hydrant 2187 (located on the mauka side of the roadway)
- Mile 2:** On Ala Moana Blvd, 4.9 meters (16 feet) EWA fire hydrant 1769.
- 4 km:** 4.9 meters Diamond Head of the traffic signal on the EWA/Makai corner of Ala Moana Beach Park Drive, on Ala Moana Blvd.
- Mile 3:** EWA / Makai corner of Ala Moana Blvd and Cooke Street.
- 5 Km:** On Ala Moana Blvd, 30 meters Diamond Head of Keawe Street at the “UH School of Medicine, use Coral Street” sign.
- 6 km:** 1.5 meters EWA the traffic signal on the EWA/mauka corner of Alakea St and Nimitz.
- Mile 4:** On Nimitz Hwy at Nuuanu Ave, even with fire hydrant F15 located on Nuuanu Ave.
- 7 km:** Diamond Head / Makai corner of Kekaulike St. and King Street (in Chinatown).
- 8km:** Light pole at Bus Stop 131 on King Street at Punchbowl.
- Mile 5:** Diamond Head / Makai corner of King St. at Punchbowl Street.
- 9 km:** .5 meter Diamond Head of the light pole at Bus Stop #598 on Kapiolani Blvd Diamond Head of Ward Ave.
- Mile 6:** On Kapiolani Blvd, 11 meters Diamond Head of the light pole at 1221 Kapiolani Blvd (The Original Pancake House).
- 10 Km:** 5.2 meters makai the steps of the entrance of KHON, 88 Piikoi St.