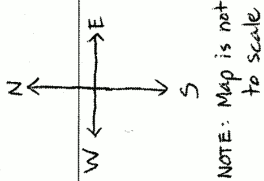


MALIBU HALF MARATHON

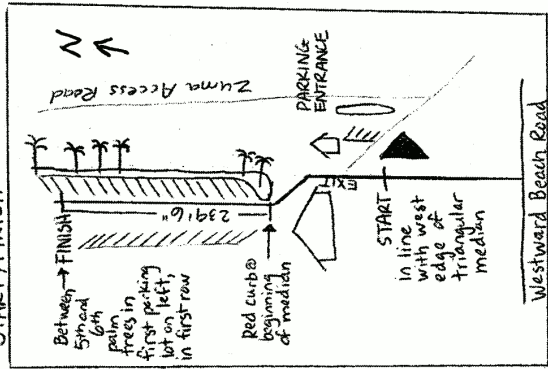
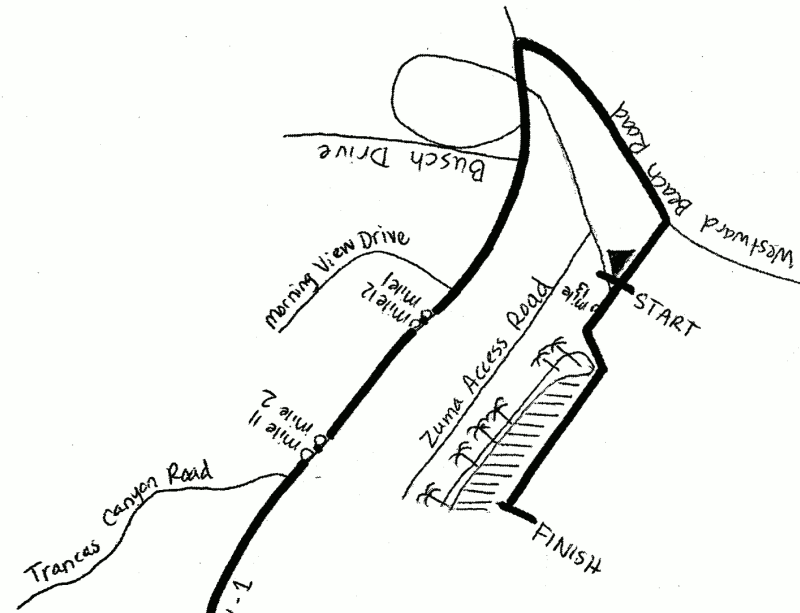
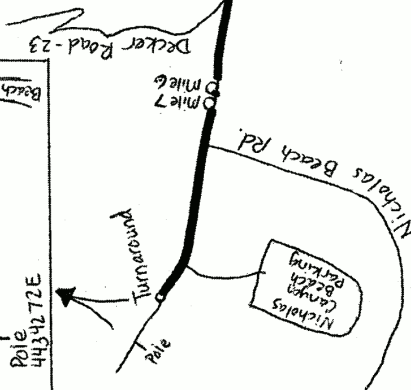
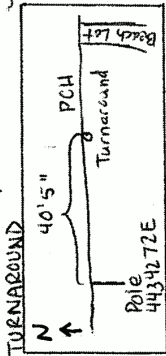
Zuma Beach, Malibu, CA

Measured August 10, 2017 by Nicole Luque (310-927-7213)
NICOLELUQUE@YAHOO.COM



NOTE: Map is not to scale

USATF Certificate CA17056RS
Effective 09/26/17 to 12/31/27



NOTE: While in the Zuma Beach parking exit lane and on Westward Beach Road runners will have the use of one lane. Upon entering PCH runners will have the use of the shoulder, bike lane, and traffic lane closest to the coast.



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



Name of the course 2017 Malibu Half Marathon Distance 21.0975 km

Location (state) California (city) Malibu

Type of course: road race calibration course

Measuring Methods: bicycle steel tape electronic distance meter

Measured by (name, address, phone & email) Nicole Luque 310.927.7213
1562 The Midway St Glendale, CA 91208 nicoleluque@yahoo.com

Race contact (name, address, phone & email) Erica MacVittie 310.745.8231
834 4th St Apt. 202 Santa Monica, CA 90403 erica@malibumarathon.com

Date(s) when course measured: August 10, 2017

Number of measurements of entire course: 2 Course Configuration: Out-back

Elevation (meters above sea level) Start 6.7m Finish 7.9 Highest 59.7 Lowest 5.7

Straight line distance between start & finish 165.8 Meters Drop -0.06 m/km Separation 0.79 %

Type of surface: paved 100 % dirt % gravel % grass % track %

Effective date of certification: September 26, 2017 Certification code: CA17056RS

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 **2027**

AS NATIONALLY CERTIFIED BY:

Date: September 28, 2017

Ron Scardera — USATF/RRTC Certifier
5660 Valley Oak Drive, Los Angeles, CA 90068 - 323.896.7750 - rscar@pacbell.net

Malibu Half Marathon
LIST OF MEASURED POINTS

USATF
CA17056RS

MARKER	DESCRIPTION
START-MILE 0	Western edge of triangular median where lane exiting Zuma Beach forks to Zuma Access Road or to Westward Beach Road
MILE 1	63'8" North of pole 2161694E (just north of Metro 534 bus stop)
MILE 2	119'8" North of pole 4125716E
MILE 3	121'4" North of pole 4080812E (North of Las Trancas, at southern end of second pullout)
MILE 4	31'5" South of pole 1059751E (across 32101 PCH)
MILE 5	6'4" South of pole 1059783E (at 32852 PCH)
MILE 6	41'7" North of pole 1085708E (at 33616 PCH)
TURNAROUND	40'5" South of pole 4434272E (just west of Nicholas Beach lot entrance)
MILE 7	41'2" North of pole 4314996E
MILE 8	51'10" North of pole 1059785E (just North of El Pescador Beach lot)
MILE 9	48'3" South of pole 1059753E (just South of Matador Beach lot)
MILE 10	402'6" North of pole 4080812E (North of Las Trancas, at northern end of second pullout)
MILE 11	85'8" North of pole 4216595E (just South of 30708 PCH and Las Trancas)
MILE 12	38'7" South of pole 1409015E
MILE 13	55'4" North of START LINE closer to FINISH LINE
FINISH - 21.0975KM	Upon entering Zuma Beach in first lot on left, first parking row, 239'6" North of red curb at start of row, between the 5th and 6th palm trees