



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

Measurement Certificate



Name of the course QDR Queens Half Marathon Distance 21.0975km
 Location (state) NY (city) Queens
 Type of course: Road Race
 Measuring Methods: Bike
 Measured By Jim Gerweck, 156 Fillow St., Norwalk CT 06850, jimrg156@gmail.com, 203-858-5449
 Race Contact Kevin Montalvo, 34-18 91st St. Apt C32, Queens NY 11372, kevin@qdrunners.com, 347-884-7803
 Date(s) when course measured: 02/03/2020
 Number of measurements of entire course: 2 Course Configuration: 1 loop 2X
 Elevation (meters above sea level) Start 10m Finish 10m Lowest 8m Highest 14m
 Straight line distance between start and finish 0m Drop 0 m/km Separation 0 %
 Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
 Effective date of certification: March 12, 2020 Certification code: NY20004JRG

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: March 25, 2020

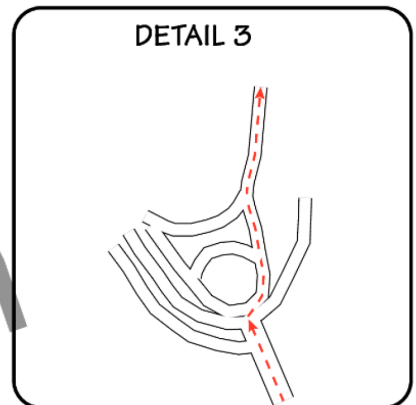
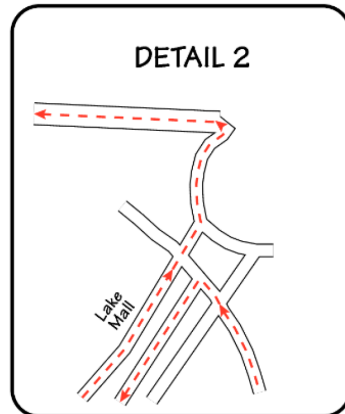
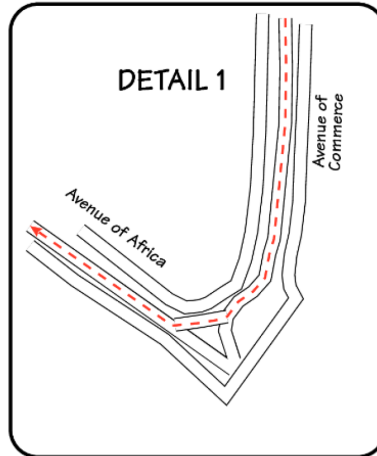
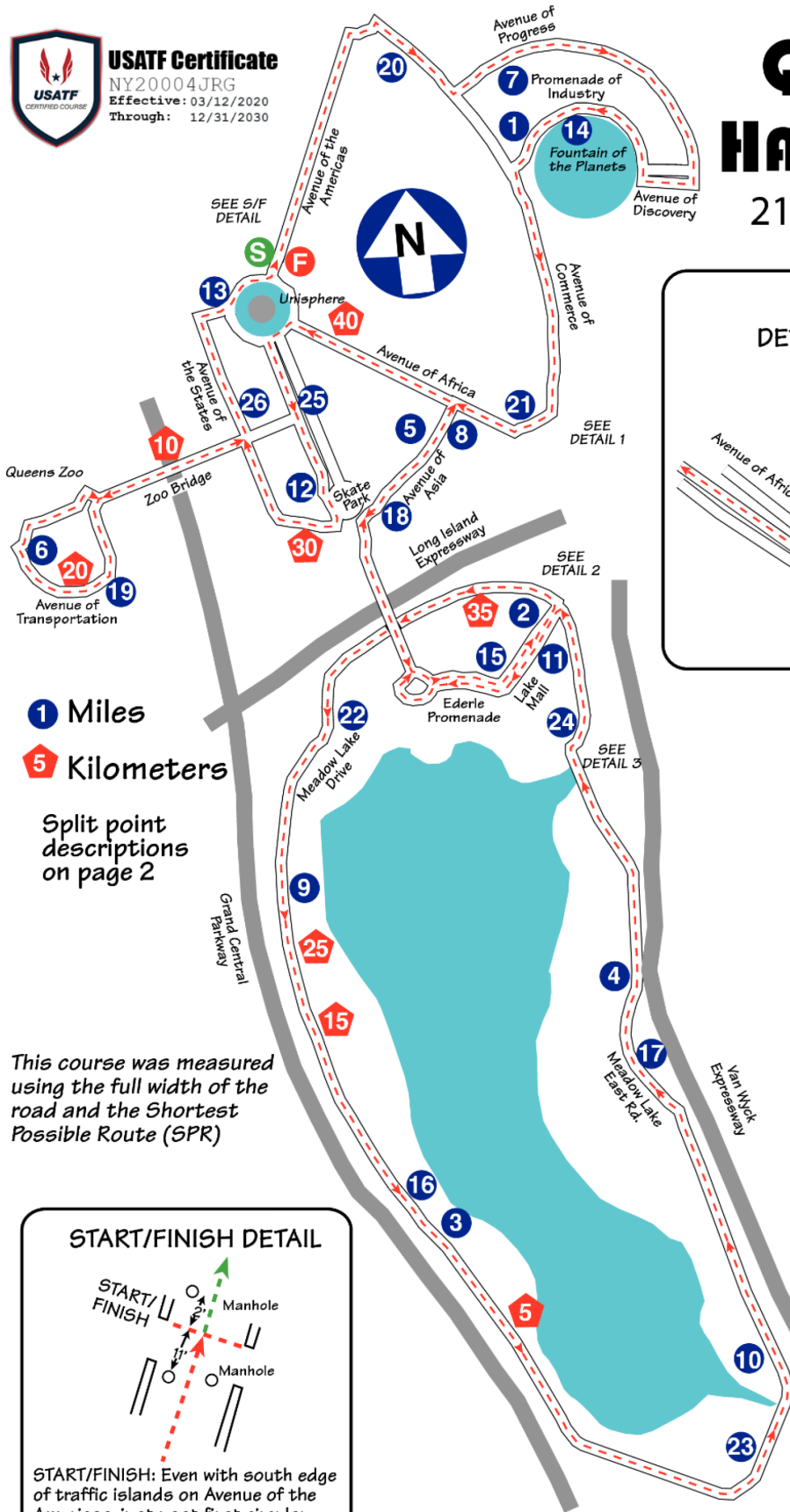
Jim Gerweck - USATF/RRTC Certifier - 156 Fillow St., Norwalk CT 06850
 (203) 858-5449 - jimrg156@gmail.com



USATF Certificate
 NY20004JRG
 Effective: 03/12/2020
 Through: 12/31/2030

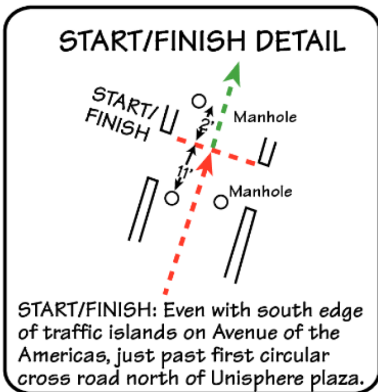
QDR QUEENS HALF MARATHON

21.0975 km, Queens, NY



1 Miles
5 Kilometers
 Split point descriptions on page 2

This course was measured using the full width of the road and the Shortest Possible Route (SPR)



QDR Queens Half Marathon Split Locations

- 1 - 23 ft. before curved portion of plaza on west side of Fountain of the Planets.
- 2 - 12 ft. Before end of paver path to outer road near Van Wyck Expressway, east of Lake Mall.
- 3 - Meadow Lake Dr., north side of exit from parking lot on west side of Meadow Lake.
- 5k - Meadow Lake Dr., even with 2nd light pole before entrance to parking lot on west side of Meadow Lake.
- 4 - Meadow Lake East Rd., 60 ft. Before entrance to Van Wyck Expressway /Long Island Expressway on left near pole V138.
- 5 - Avenue of Asia, 75 ft. before turn onto Avenue of Africa, approx, 30 ft. before mile 8.
- 6 - Avenue of Transportation, 5 ft. past lightpole before fork in path by tree just before Queens Zoo.
- 10k - Zoo Bridge, even with eastern edge of Grand Central Parkway.
- 7 - Avenue of Progress, even with left hand side of penalty box turf soccer field.
- 8 - Avenue of Asia, just past second tree in after turn off Avenue of Africa.
- 9 - Meadow Lake Dr., 5 ft. past lamp post even with 2/3 way up ramp to northern pedestrian bridge over Grand Central Parkway.
- 15k - Meadow Lake Dr., even with steps southern pedestrian bridge over Grand Central Parkway.
- 10 - Meadow Lake East Rd., approx. 40 ft. before 3rd base

side dugout softball field #13.

11 - Lake Mall, 60 ft. into middle path.

12 - 5 ft. past concrete pad with multiple metal utility covers by skate park.

20k - Avenue of Transportation, 10 ft. before manhole cover NYCE near bathroom building on carousel loop

13 - 15 ft. Before storm drain left side over path towards Unisphere from Queens Museum