Road Running Technical Council
USA Track & Field
Measurement Certificate

recognized by RRCA

Name of the course Delaware Park Ring Road 3000 Distance 3 km

Location (state) NY (city) Buffalo

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Jeff John - Box 608 - Amherst, NY 14226 - (716) 982-4779 - RaceMeasure@BuffaloRunners.com

Race Contact Ann More - 716-361-9050

Date(s) when course measured: 11/12/2021

Number of measurements of entire course: 2 Course Configuration: loop

Elevation (meters above sea level) Start 193.85 Finish 190.20 Lowest 181.66 Highest 194.77

Straight line distance between start and finish 182.88 m Drop 1.22 m/km Separation 6.10 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: November 19, 2021 Certification code: NY21014JJ

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: **2031**

AS NATIONALLY CERTIFIED BY:

Jeffrey D John

Date: November 19, 2021

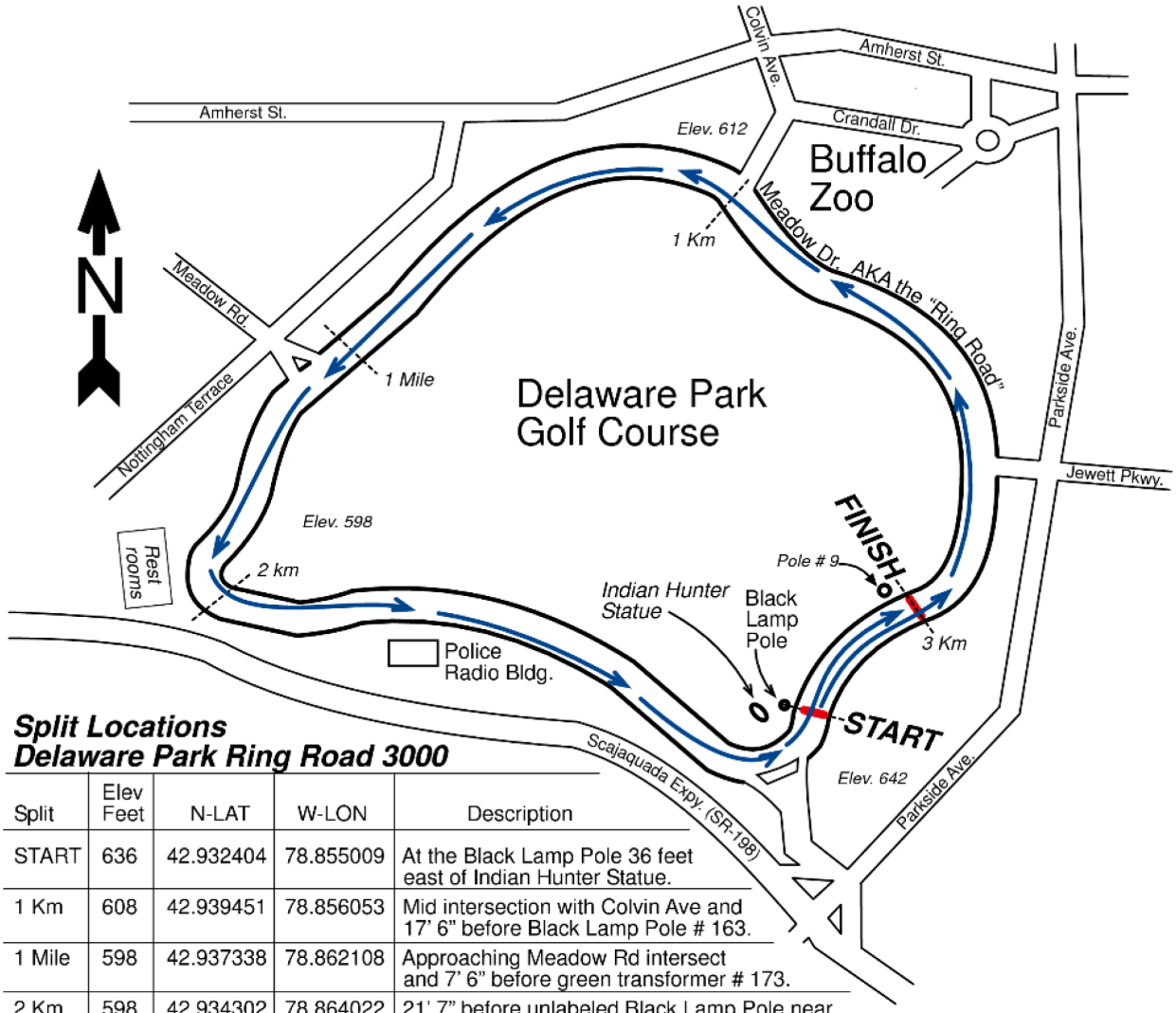
Jeff John - USATF/RRTC Certifier - Box 608, Amherst NY 14226
(716) 982-4779 - RaceMeasure@BuffaloRunners.com

Delaware Park Ring Road 3000

Buffalo, NY

USATF Certificate
NY21014JJ
Effective: 11/19/2021
Through: 12/31/2031

Course Distance:	3000 Meters = 1.062 Laps of the Ring Road
Date Measured:	November 12, 2021
Measured By:	Jeff John ***BuffaloRunners.com***
Calibration Course:	Lincoln Pkwy Service Rd, NY12053BDC
Notes:	1. This course was measured using the full width of the road and the Shortest Possible Route (SPR). 2. GPS coordinates use dataum WGS84.



Split Locations
Delaware Park Ring Road 3000

Split	Elev Feet	N-LAT	W-LON	Description
START	636	42.932404	78.855009	At the Black Lamp Pole 36 feet east of Indian Hunter Statue.
1 Km	608	42.939451	78.856053	Mid intersection with Colvin Ave and 17' 6" before Black Lamp Pole # 163.
1 Mile	598	42.937338	78.862108	Approaching Meadow Rd intersect and 7' 6" before green transformer # 173.
2 Km	598	42.934302	78.864022	21' 7" before unlabeled Black Lamp Pole near the restrooms - the Black Lamp Pole nearest to Giant Lamp Pole # 173 (50 feet).
FINISH	624	42.933791	78.853847	8' 3" past Black Lamp Pole # 9.