



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Drumheller Half Marathon Distance 21.0975 km
Location (state) WA (city) Seattle
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Nick Walker, N/A, nick@nickwalker.us
Race Contact Nick Walker, N/A, nick@nickwalker.us
Date(s) when course measured: 04/08/2023
Number of measurements of entire course: 2 Course Configuration: Series of Loops
Elevation (meters above sea level) Start 40.20 Finish 34.20 Lowest 34.20 Highest 40.20
Straight line distance between start and finish 120.5m Drop 0.28 m/km Separation 0.57 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: April 15, 2023 Certification code: WA23019RMB

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.

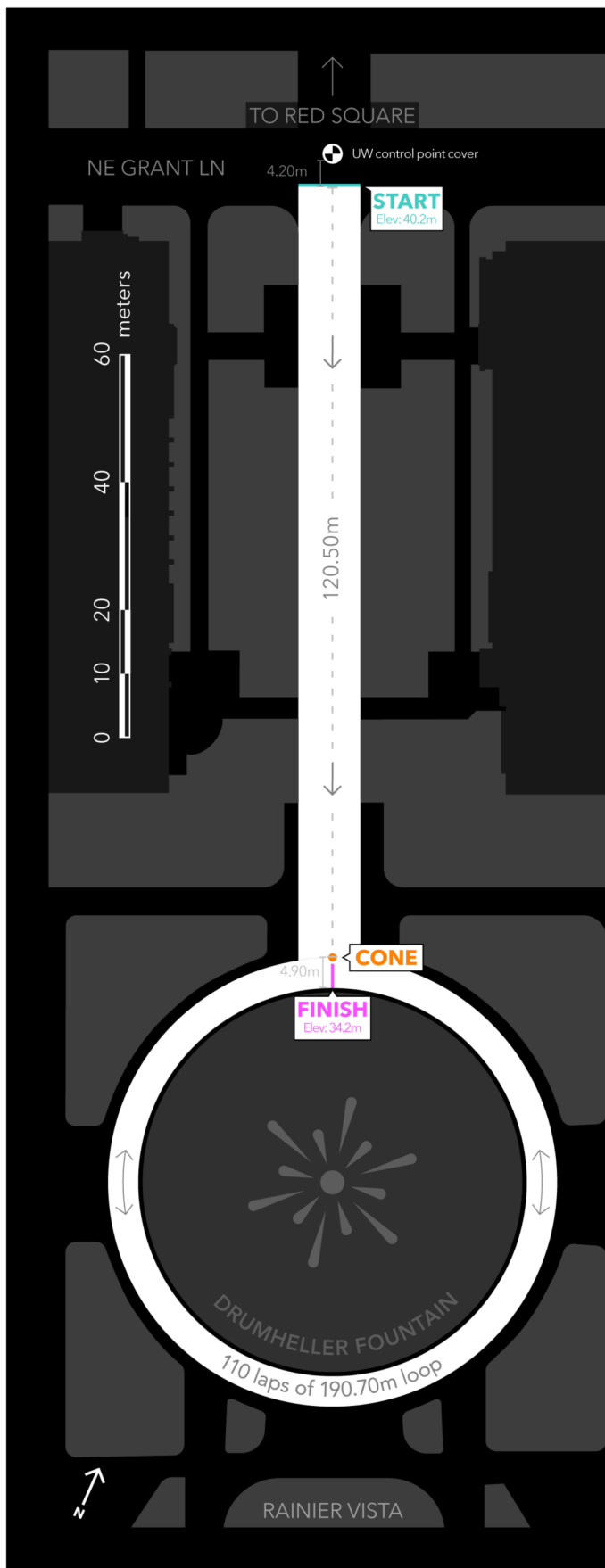
Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all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

This certification expires on December 31 of the year: 2033

AS NATIONALLY CERTIFIED BY:

Date: April 20, 2023

Bob Brennand - USATF/RRTC Certifier - 4113 Banbridge Loop SE, Olympia WA 98501
(360) 310-0747 - bobbrennand@comcast.net



21.0975km
University of Washington
Seattle, WA

The **START** is 4.20m south of the south edge of the UW control point cover, or 120.50m from the edge of the concrete slab encircling the fountain. Runners complete 110 laps of the fountain loop, which measures 190.70m in circumference at 30cm from the curb.

The **FINISH** is the imaginary line that extends from the center of the plaque on the north curb of the fountain.

A **CONE** must be placed at the edge of the concrete pad 4.90m away from the fountain along the finish line.

Restrictions

Runners must enter the loop east of the cone if they wish to run counterclockwise, and from the west otherwise.

Runners may change direction, but they must do so by rounding the cone.

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

Measured by Nick Walker on April 8th, 2023 using the Calibrated Bicycle Method with 320.0325m calibration course WA23018RMB.

<https://nickwalker.us>
nick@nickwalker.us



USATF
CERTIFIED COURSE

USATF Certificate
WA23019RMB
Effective: 04/15/2023
Through: 12/31/2033