



Road Running Technical Council  
USA Track & Field

Measurement Certificate



Name of the course Drumheller Half Marathon - Alternate Distance 21.0975 km

Location (state) WA (city) Seattle

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Nick Walker, 4324 8th Ave NE Apt F1, Seattle, WA 98105, nick.s.walker@icloud.com, 206-383-1486

Race Contact Nick Walker, 4324 8th Ave NE Apt F1, Seattle, WA 98105, nick.s.walker@icloud.com, 206-383-1486

Date(s) when course measured: 04/09/2024

Number of measurements of entire course: 2 Course Configuration: Point to Point with several repeats of same loop

Elevation (meters above sea level) Start 40.60 Finish 34.20 Lowest 34.20 Highest 40.60

Straight line distance between start and finish 129.17m Drop 0.30 m/km Separation 0.61 %

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

Effective date of certification: April 17, 2024 Certification code: WA24016RMB

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.

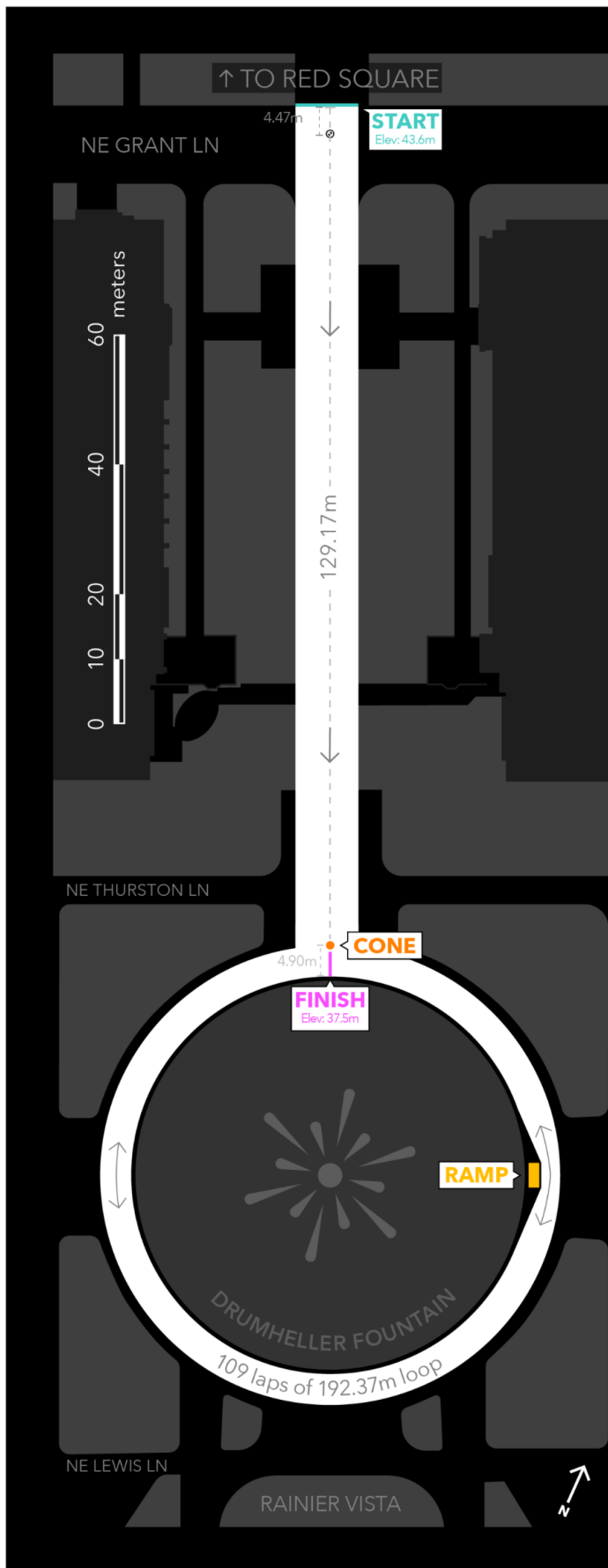
**Verification of Course** --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then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

**This certification expires on December 31 of the year:** 2034

**AS NATIONALLY CERTIFIED BY:**

Date: April 26, 2024

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



# DRUMHELLER HALF MARATHON

ALTERNATE 🏃

21.0975m = 109🏃 + 129.17m  
University of Washington  
Seattle, WA

The **START** is 129.17m north of the concrete slab encircling the fountain, or 4.47m north of the south edge of the 📍 UW control point cover. Runners complete 109 laps of the fountain loop, which measures 192.37m 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

The seasonal 1.6m x 3.8m duck **RAMP** must be installed.

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

Runners may change direction. Only complete laps may be counted.

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

Measured by Nick Walker on April 9th, 2024 using the Calibrated Bicycle Method with 320.0325m calibration course WA23018RMB.

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