



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

Measurement Certificate



Name of the course YWCA Princeton's ETS Firecracker 5K Distance 5 km
 Location (state) NJ (city) Princeton
 Type of course: Road Race
 Measuring Methods: Bicycle
 Measured By Jack Werbler - 19 Amagansett Drive - Morganville, NJ 07751 - (908) 692-6686 - jwerb@optonline.net
 Race Contact Melissa White-McMahon - 609-480-2982 - mwhite@ywcaprinceton.org
 Date(s) when course measured: 04/29/2024
 Number of measurements of entire course: 2 Course Configuration: complex of different loop
 Elevation (meters above sea level) Start 51.00 Finish 54.00 Lowest 44 Highest 63
 Straight line distance between start and finish 282.25 m Drop -0.60 m/km Separation 5.65 %
 Type of surface: Paved 100 % Dirt 0.0 % Gravel 0.0 % Grass 0.0 % Track 0.0 %
 Effective date of certification: May 2, 2024 Certification code: NJ24024JLW

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:

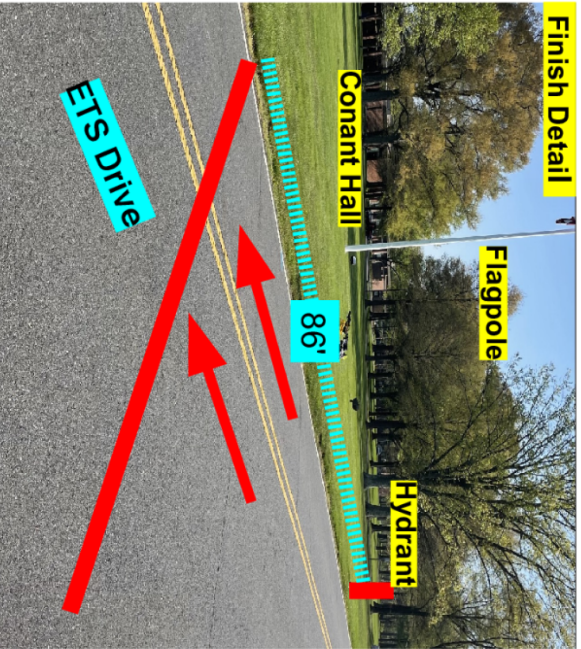
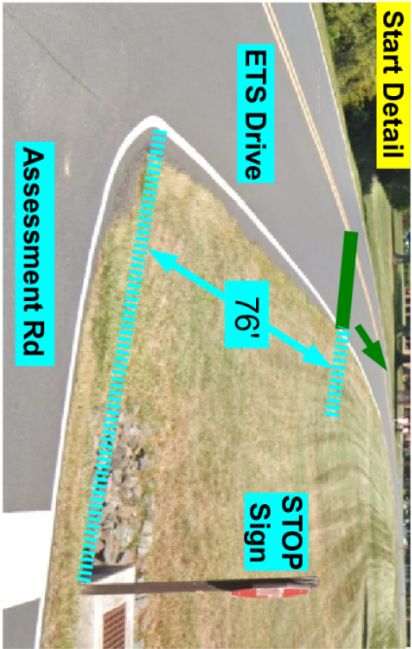
Date: May 2, 2024

Jack Werbler - USATF/RRTC Certifier - 19 Amagansett Drive, Morganville NJ 07751
 (908) 692-6686 - jwerb@optonline.net

YWCA Princeton's ETS Firecracker 5K

Princeton, NJ

Mile Markers START: On ETS Dr between Assessment Rd and Research Rd, 76' Northeast of the STOP sign (extended) at the corner of Assessment and ETS. Stop sign is next to a square storm sewer outlet structure. **Mile 1:** Heading South on Research Rd, 114" North of the fire hydrant on the W side of Research Rd, just before the end of the road where it intersects with ETS Dr; **Mile 2:** On Research Rd just North of the ETS Dr/Chauncey Rd intersection 27' North of the 15 MPH SPEED LIMIT sign on the East side of Research Rd; **Mile 3:** On ETS Dr just West of the East end of the Conant Hall Loop 20' 4" West of Chauncey Conference Center sign, 31' 6" West of the STOP sign at the intersection of the Conant Hall Loop and ETS Dr; **FINISH:** On ETS Dr West of the Western end of the Conant Hall Loop 86' West of the fire hydrant in line with the flagpole, 22' 6" West of the cast iron GAS lid in the grass just off the edge of ETS Dr.



Course Description: Start heading NE on ETS Drive between Assessment Rd and Research Rd, left onto Research Rd, around Research Rd to end, left onto ETS Dr, right onto Assessment Rd, around Assessment Rd to end, right onto ETS Dr, left onto Research Rd, around Research Rd to end, right onto ETS Dr to Finish.

Note: All markers (Start, Mile 1, Mile 2, Mile 3 and Finish) are marked in softball sized dots in white paint, painted on the edge of the asphalt.



Measured by Jack Werbler on April 29, 2024, jwerb@optonline.net, 908-692-6686



Coordinates:
 S- 040.345254, -074.719714 M1- 040.347219, -074.712808
 M2- 040.346837, -074.718294 M3- 040.347111, -074.715024
 F- 040.346795, -074.717018
 This course was measured using the full width of all roads along the shortest possible route (SPR). No restrictions