



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course RAD Hi-Wire Brewing Half Marathon Distance 21.0975 km
Location (state) NC (city) Asheville
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Timothy Hopkin, 83 Bungalow Ln, Flat Rock, NC 28731, Timothyhopkin@gmail.com, 828-674-9782
Race Contact Daphne Kirkwood, PO Box 1466, Skyland, NC 28776 828-450-7514 Daphne@idaph.net
Date(s) when course measured: 04/23/2025
Number of measurements of entire course: 2 Course Configuration: point to point
Elevation (meters above sea level) Start 673.00 Finish 601.70 Lowest 598.00 Highest 673.00
Straight line distance between start and finish 1900m Drop 3.38 m/km Separation 9.00 %
Type of surface: Paved 94.9 % Dirt 0 % Gravel 1.4 % Grass 3.7 % Track 0 %
Effective date of certification: May 3, 2025 Certification code: NC25009DF

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.

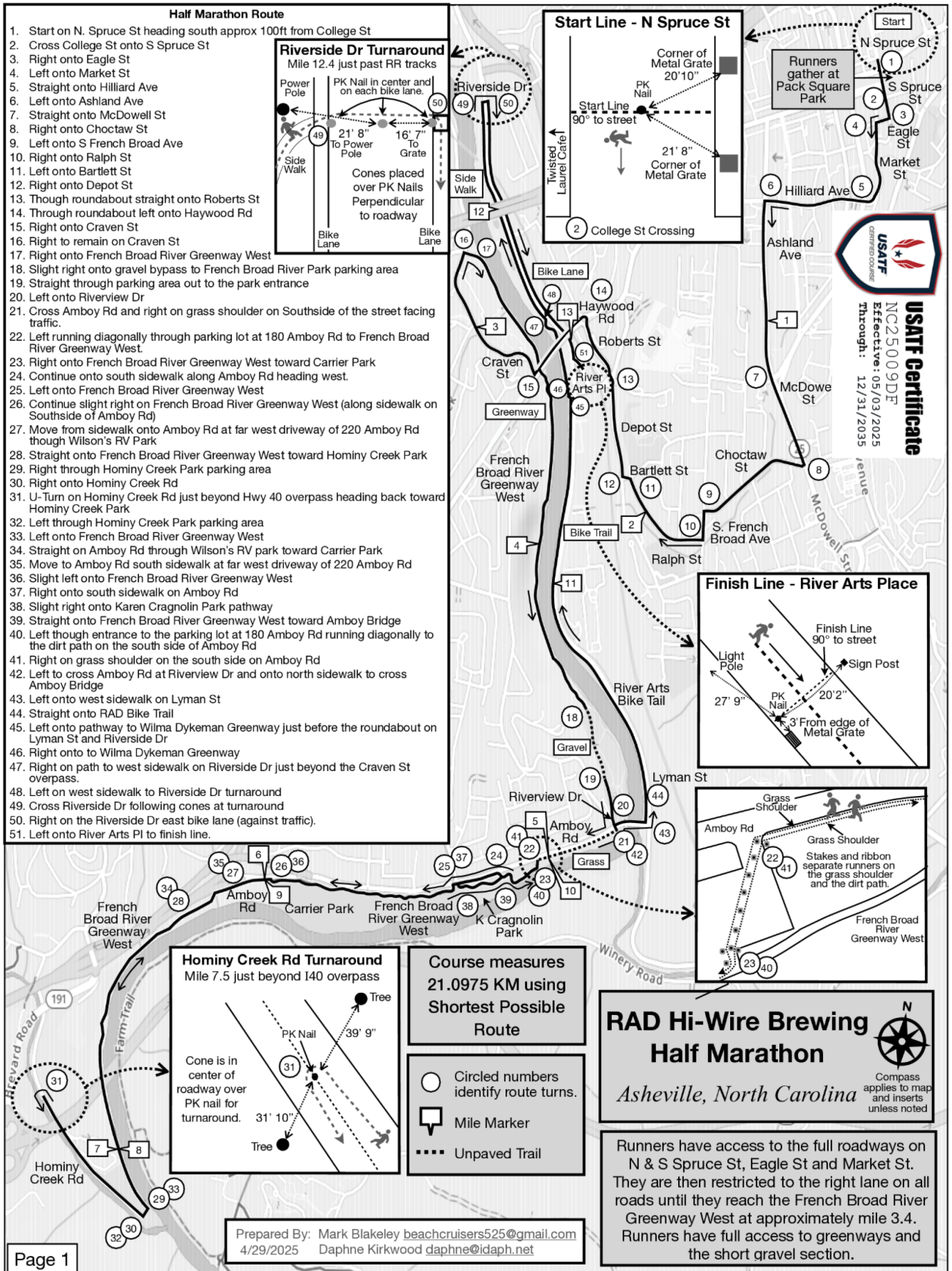
Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all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

This certification expires on December 31 of the year: **2035**

AS NATIONALLY CERTIFIED BY:

Date: May 7, 2025

Dick Forbis - USATF/RRTC Certifier - 137 Lattice Lane, Carrboro NC 27510
(919) 360-6006 - dick_forbis@unc.edu



RAD Hi-Wire Brewing Half Marathon

Mile Location Descriptions

Mile	Description
Start	On N. Spruce St approximately 100ft north of College St and 20ft out of Lawyers Walk alongside the Twisted Laurel cafe. Painted PK nail is in the center of the road measured off two grates to the east. Start line runs perpendicular to N Spruce St from this point. Precise measurements are on the course map inset.
1	On Ashland Ave heading south across from 202 Ashland Ave. Painted PK Nail 1ft from the curb and 5ft north of a large tree on the west side of the side walk.
2	On Ralph St heading north approximately 0.1 mile south of Bartlett St. Painted PK Nail on the west side of street and a paint mark added to the power pole 5ft north of the PK Nail.
3	On Craven St. heading northwest approximately 20ft south of Waynesville Ave and 5ft before the Craven St crosswalk. Painted PK Nail on the east side of the road next to the gutter.
4	On the French Broad Greenway West heading south approximately 0.4 mile south of the Haywood Rd overpass. Painted PK Nail on the west side of the trail approximately 50ft south of a long section of metal fencing and 50ft north of a section of split rail fencing.
5	On the south shoulder of Amboy Rd heading west running against traffic approximately 30ft west of Upstream Way and across from the boat launch on the French Broad River. Painted PK Nail on the south side bike lane.
6	On the south sidewalk on Amboy Rd heading west in front of the 2nd garage bay of Wilson's RV Repair at 225 Amboy Rd and 30ft east of the power pole. Painted PK Nail on the sidewalk.
7	On French Broad River Greenway West heading south approximately 0.1 mile north of the turn into the Hominy Creek Park parking lot and 0.5 mile to turnaround on Hominy Creek Rd. Painted PK Nail on trail 30 ft south of the park's picnic table.
8	On French Broad River Greenway West heading north approximately 0.1 mile north of the turn into the Hominy Creek Park parking lot and 0.5 mile to turnaround on Hominy Creek Rd. Painted PK Nail on trail 30 ft south of the park's picnic table (same as mile 7).
9	On the south sidewalk on Amboy Rd heading east in front of the 2nd garage bay of Wilson's RV Repair at 225 Amboy Rd and 30ft east of the power pole. Painted PK Nail on the sidewalk (same as mile 6).
10	On the south shoulder of Amboy Rd heading east running with traffic approximately 25ft west of Upstream Way and across from the boat launch on the French Broad River. Painted PK Nail on the south side bike lane (5ft east of mile 5 marker).

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Mile Location Descriptions

Mile	Description
11	On the River Arts Bike Trail heading north directly across from the power pole in front of 310 Arts at 191 Lyman St #310. Painted PK Nail on the east side of the bike trail.
12	On the west sidewalk on Riverside Dr. heading north at the driveway to the parking area directly under and between the two directions of the I26 overpass and 0.1 mile north of Craven St. Painted PK Nail on sidewalk.
13	On Riverside Dr heading south against traffic approximately 60 ft south of the Haywood Rd overpass. Painted PK Nail in the bike lane and paint mark on curb at the end of the southern most parking stall on the east side of the road.
Finish	The finish line is located about 150ft from the north end of River Arts Pl and 30ft north of 7 River Arts Pl. Painted PK Nail is 3ft north of a large drain. The finish line is perpendicular to River Arts Pl at the PK Nail. Precise measurements are on the course map inset.

Note: All locations have also been documented with photos and video. Markers for miles 7 and 8, 6 and 9 and 5 and 10 (within 5ft) are in the same location since they are on an out and back section where the turnaround is 0.5 mile from mile markers 7 and 8.