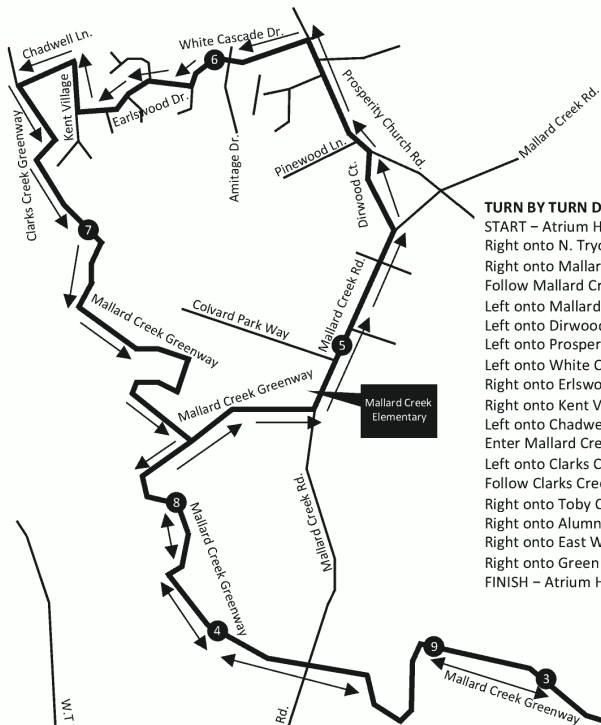
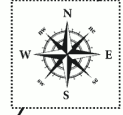


Craft Beer Half Marathon

Charlotte, NC

Course Measured by
Justin Ratike
February 2019
justin@sisuevents.com
704-968-5666



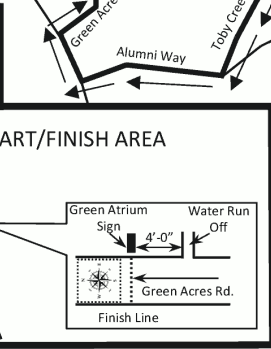
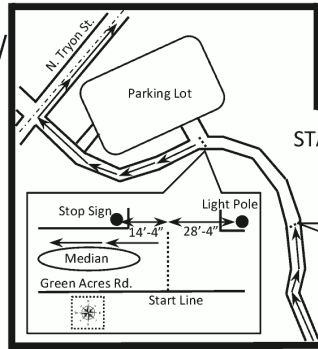
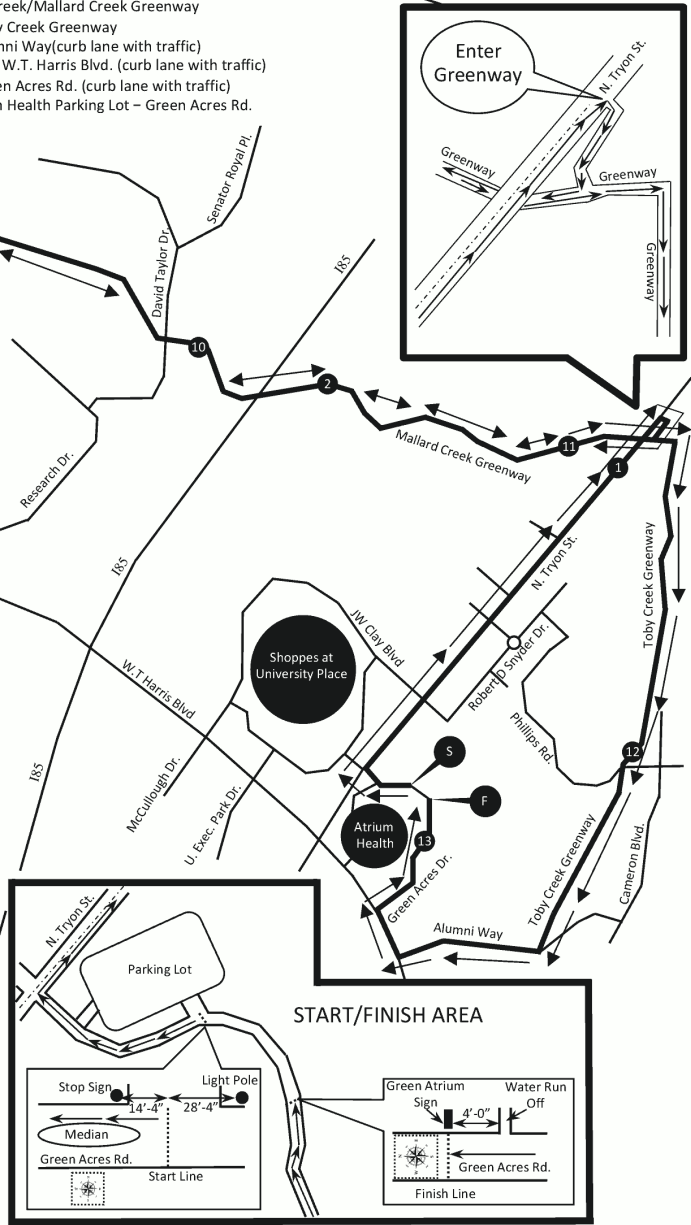
TURN BY TURN DIRECTIONS:
 START – Atrium Health Parking Lot – Green Acres Rd.
 Right onto N. Tryon St. (curb lane with traffic)
 Right onto Mallard Creek Greenway
 Follow Mallard Creek Greenway to Mallard Creek Elementary
 Left onto Mallard Creek Rd. (curb lane against traffic)
 Left onto Dirwood Ct. (curb lane against traffic)
 Left onto Prosperity Church Church Rd. (curb lane against traffic)
 Left onto White Cascade Dr. (right side of road)
 Right onto Erlswood Dr. (right side of road)
 Right onto Kent Village Dr. (right side of road)
 Left onto Chadwell Ln. (right side of road)
 Enter Mallard Creek Greenway at end of Chadwell Ln.
 Left onto Clarks Creek Greenway
 Follow Clarks Creek/Mallard Creek Greenway
 Right onto Toby Creek Greenway
 Right onto Alumni Way (curb lane with traffic)
 Right onto East W.T. Harris Blvd. (curb lane with traffic)
 Right onto Green Acres Rd. (curb lane with traffic)
 FINISH – Atrium Health Parking Lot – Green Acres Rd.

USATF Certificate # NC19003DF
Effective Mar 25, 2019 to Dec 31, 2029



Key Points:

- START** On Green Acres Rd. at entrance to patient parking lot. Point is 14'-4" East of stop sign and 28'-4" West of light pole
- 1 MILE** On N. Tryon St. Point is 10'-6" North of 2nd Water Drain
- 2 MILE** On Greenway. Point is 10'-1" West of manhole and green pipe
- 3 MILE** On Greenway. Point is 11'-7" North of manhole and green pipe
- 4 MILE** On Greenway. Point is 6'-9" East of light pole & manhole after greenway access path
- 5 MILE** On Mallard Creek Rd. Point is 43'-6" South of manhole at Colvard Pkwy & Mallard Creek Rd.
- 6 MILE** On White Cascade Dr. Point is 26'-5" West of water meter in driveway at house 9921
- 7 MILE** On Greenway. Point is 94'-1" North of manhole across from park bench at pool
- 8 MILE** On Greenway. Point is 43'-6" West of manhole and green pipe @Newchurch Ct. entrance
- 9 MILE** On Greenway. Point is 35'-6" West of manhole
- 10 MILE** On Greenway. Point is 4'-6" East of 1 1/2 Mile marker
- 11 MILE** On Greenway. Point is 27'-0" East of black pole
- 12 MILE** On Greenway on UNCC. Point is 8'-6" South of tree at Southwest corner of tennis courts
- 13 MILE** On Green Acres Rd. Point is 11'-5" East of red pole
- FINISH** On Green Acres Rd. at teal Atrium Health sign. Point is 4'-0" North of water run off curb





*Road Running Technical Council
USA Track & Field*

Measurement Certificate



Name of the course Craft Beer Half Marathon Distance 21.0975 km
 Location (state) North Carolina (city) Charlotte
 Type of course: road race calibration course
 Measuring method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Justin Ratike; 8508 Park Rd, #211, Charlotte, NC 28210;
704-338-2279; justin@sisuevents.com
 Race contact (name, address, phone & e-mail) Justin Ratike; 8508 Park Rd, #211, Charlotte, NC 28210;
704-338-2279; justin@sisuevents.com
 Date(s) when course measured: Feb 17, 2019
 Number of measurements of entire course: 2 Course Configuration: 1 loop 1 time
 Elevation (meters above sea level) Start 218 m Finish 209 m Highest 239 m Lowest 179 m
 Straight line distance between start & finish 96 m Drop +0.43 m/km Separation 0.45 %
 Type of surface: paved 100 % dirt _____ % gravel _____ % grass _____ % track _____ %
 Effective date of certification: Mar 25, 2019 Certification code: NC19003DF

Notice 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 this course, or at the discretion of USA Track & Field, a verification remeasurement 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 in the year 2029

AS NATIONALLY CERTIFIED BY:

Dick Forbis

Date: Mar 25, 2019

Dick Forbis – USATF/RRTC Certifier for North Carolina

117 W. Carr St., Carrboro, NC 27510

(919) 360-6006

dick_forbis@unc.edu