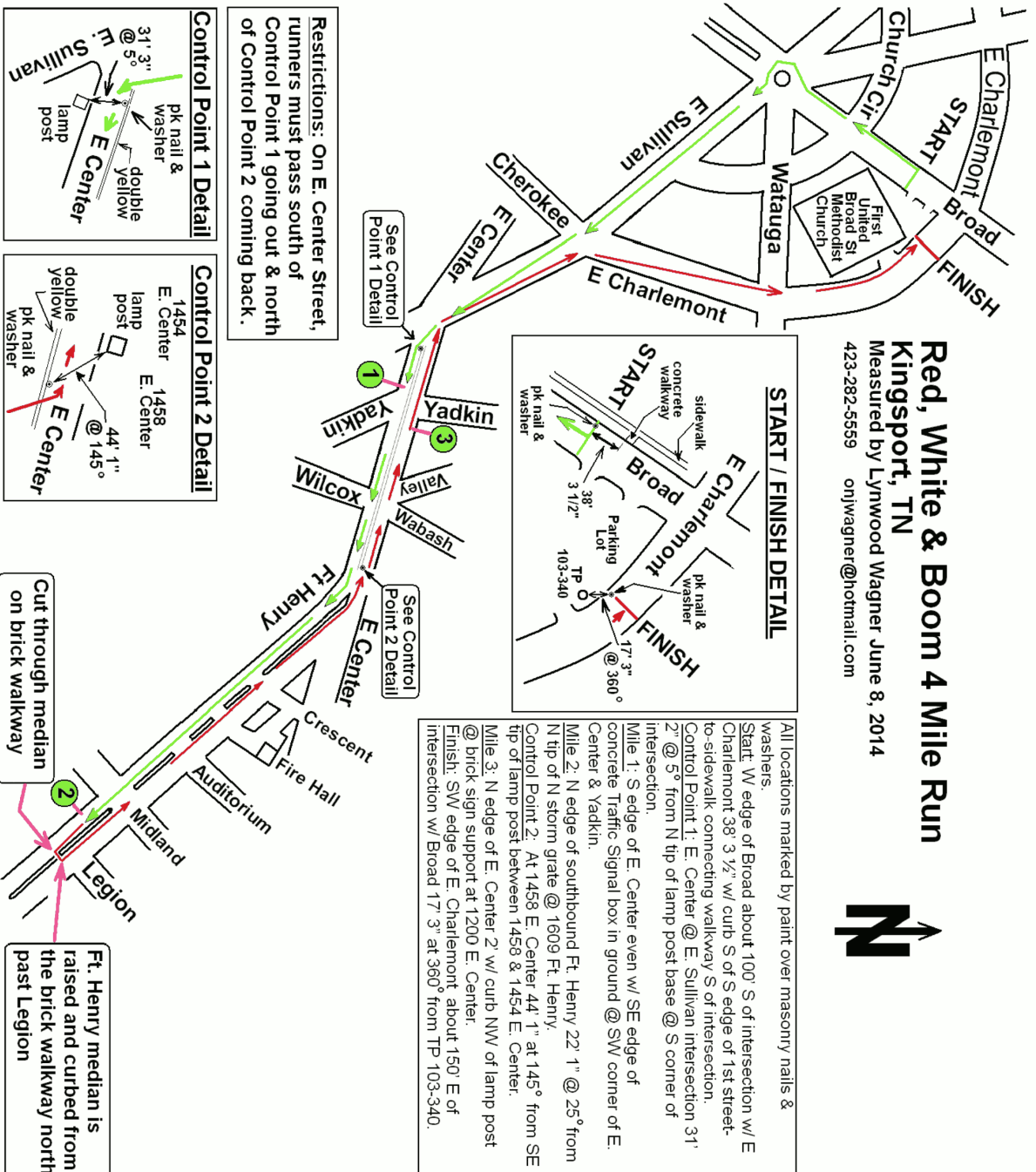


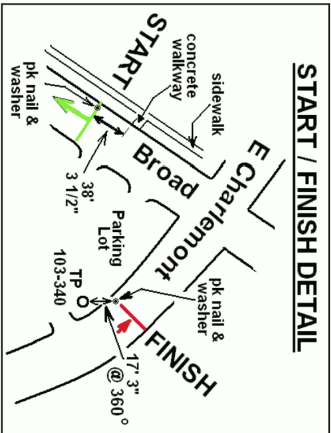
Red, White & Boom 4 Mile Run

Kingsport, TN

Measured by Lynnwood Wagner June 8, 2014
 423-282-5559 onjwagner@hotmail.com



START / FINISH DETAIL



All locations marked by paint over masonry nails & washers.

Start: W edge of Broad about 100' S of intersection w/ E Charlemont 38' 3 1/2" w/ curb S of S edge of 1st street-to-sidewalk connecting walkway. S of intersection.

Control Point 1: E. Center @ E. Sullivan intersection 31' 2" @ 5° from N tip of lamp post base @ S corner of intersection.

Mile 1: S edge of E. Center even w/ SE edge of concrete Traffic Signal box in ground @ SW corner of E. Center & Yadkin.

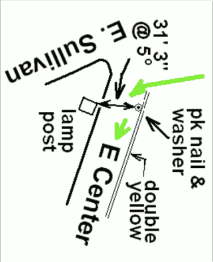
Mile 2: N edge of southbound Ft. Henry 22' 1" @ 25° from N tip of N storm grate @ 1609 Ft. Henry.

Control Point 2: At 1458 E. Center 44' 1" @ 145° from SE tip of lamp post between 1458 & 1454 E. Center.

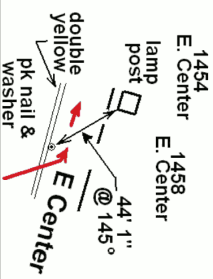
Mile 3: N edge of E. Center 2' w/ curb NW of lamp post @ brick sign support at 1200 E. Center.
 Finish: SW edge of E. Charlemont about 150' E of intersection w/ Broad 17' 3" @ 360° from TP 103-340.

Restrictions: On E. Center Street, runners must pass south of Control Point 1 going out & north of Control Point 2 coming back.

Control Point 1 Detail



Control Point 2 Detail



Cut through median on brick walkway

Ft. Henry median is raised and curbed from the brick walkway north past Legion



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course Red, White & Boom 4 Mile Run Distance 4 mi
 Location (state) Tennessee (city) Kingsport
 Type of course: road race calibration track Configuration: complex of loops
 Type of surface: paved 100 % dirt % gravel % grass % track %
 Elevation (meters above sea level) Start 379 m Finish 380 m Highest 395 m Lowest 370 m
 Straight line distance between start & finish 46 m Drop -0.16 m/km Separation 0.7 %
 Measured by (name, address, phone & e-mail) Lynwood Wagner e-mail: onjwagner@hotmail.com
905 Grady Drive. Johnson City, TN 37664 ph: (423) 282-5559
 Race contact (name, address, phone & e-mail) Phil Horner, Fleet Feet Sports
1880 N. Eastman Road, Kingsport, TN 37664 ph: (423) 230-0002
 Measuring Methods: bicycle steel tape electronic distance meter
 Number of measurements of entire course: 2 Date(s) when course measured: 06/08/2014
 Race date: 07/04/2014 Course certification effective date: 06/09/2014
 Certification code: TN14060MS

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 **2024**

AS NATIONALLY CERTIFIED BY:

MS Studholme Date: 06/09/2014

Matthew Studholme – USATF/RRTC National Certifier
 452 Brookhill Drive, Abingdon, Virginia 24210 Phone: (276) 492-1181 E-mail: sheddingcat@comcast.net