



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

Measurement Certificate



Name of the course Boston Marathon Distance 42.195 km

Location (state) MA (city) Hopkinton to Boston

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Justin Kuo, 39 Oakland Rd, Brookline MA 02445; jkuo@usاتفne.org; 617-487-7763 Ray Nelson, 23B Aborn S

Race Contact Aaron Nemzer, DMSE 22 6th Rd, Woburn, MA 01801; aaron@dmsesports.com; 617-201-1764

Date(s) when course measured: 7/28/2021,7/29/2021

Number of measurements of entire course: 2 Course Configuration: point to point

Elevation (meters above sea level) Start 141.00 Finish 3.00 Lowest 3.00 Highest 141.00

Straight line distance between start and finish 38545m Drop 3.27 m/km Separation 91.35 %

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

Effective date of certification: July 30, 2021 Certification code: MA21002JK

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: **2031**

AS NATIONALLY CERTIFIED BY:

Date: August 4, 2021

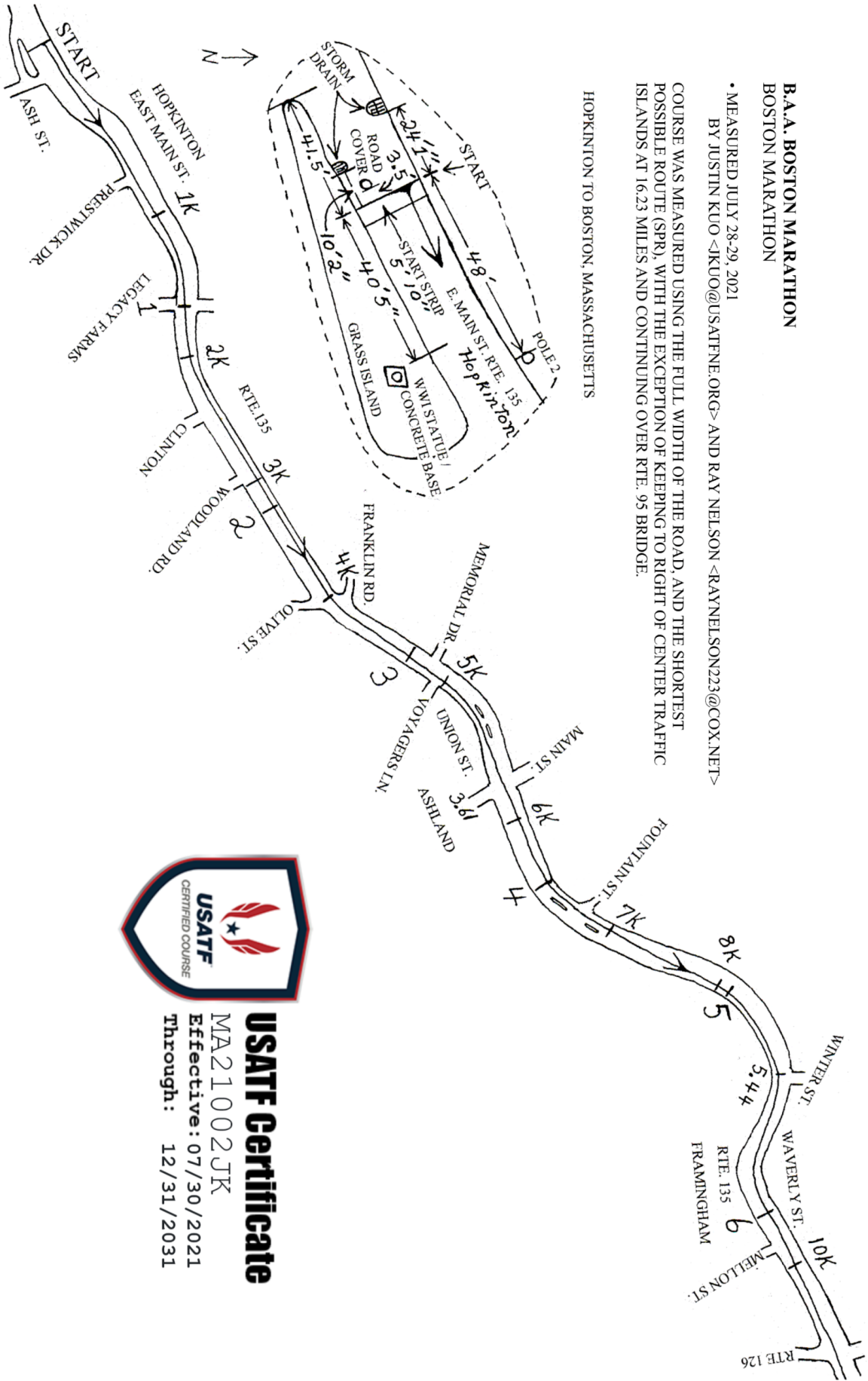
Justin Kuo - USATF/RRTC Certifier - 39 Oakland Rd, Brookline MA 02445
(617) 487-4463 - jkuo+certifier@usاتفne.org

B.A.A. BOSTON MARATHON
BOSTON MARATHON

• MEASURED JULY 28-29, 2021
BY JUSTIN KUO <JKUO@USATFNE.ORG> AND RAY NELSON <RAYNELSON223@COX.NET>

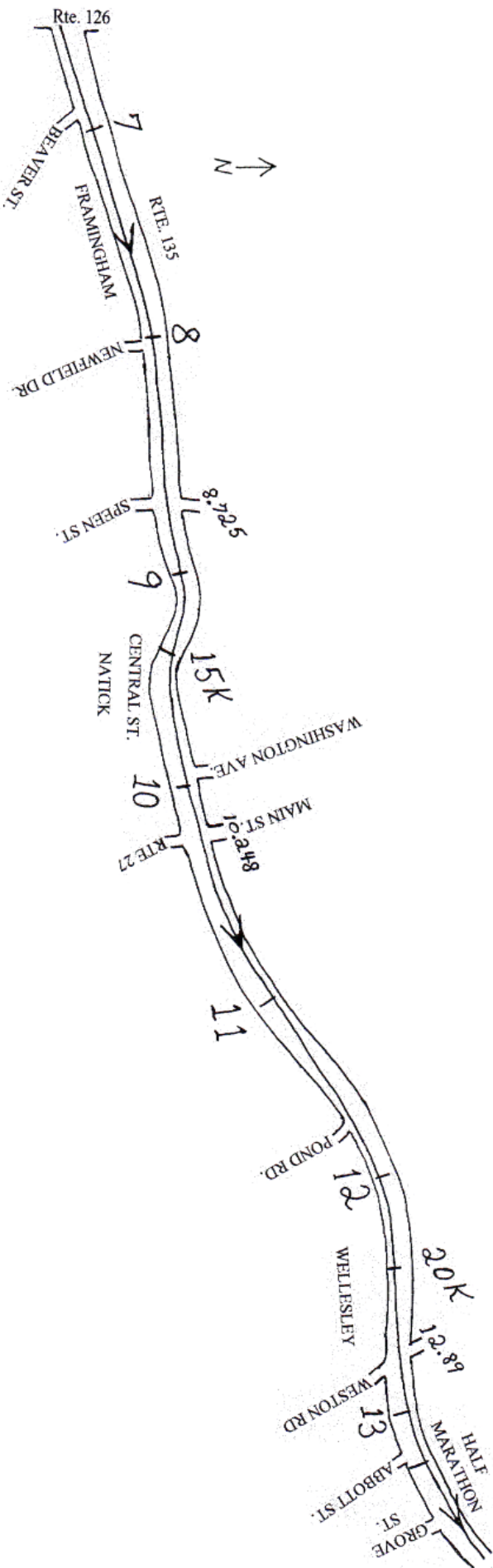
COURSE WAS MEASURED USING THE FULL WIDTH OF THE ROAD, AND THE SHORTEST POSSIBLE ROUTE (SPR), WITH THE EXCEPTION OF KEEPING TO RIGHT OF CENTER TRAFFIC ISLANDS AT 16.23 MILES AND CONTINUING OVER RTE. 95 BRIDGE.

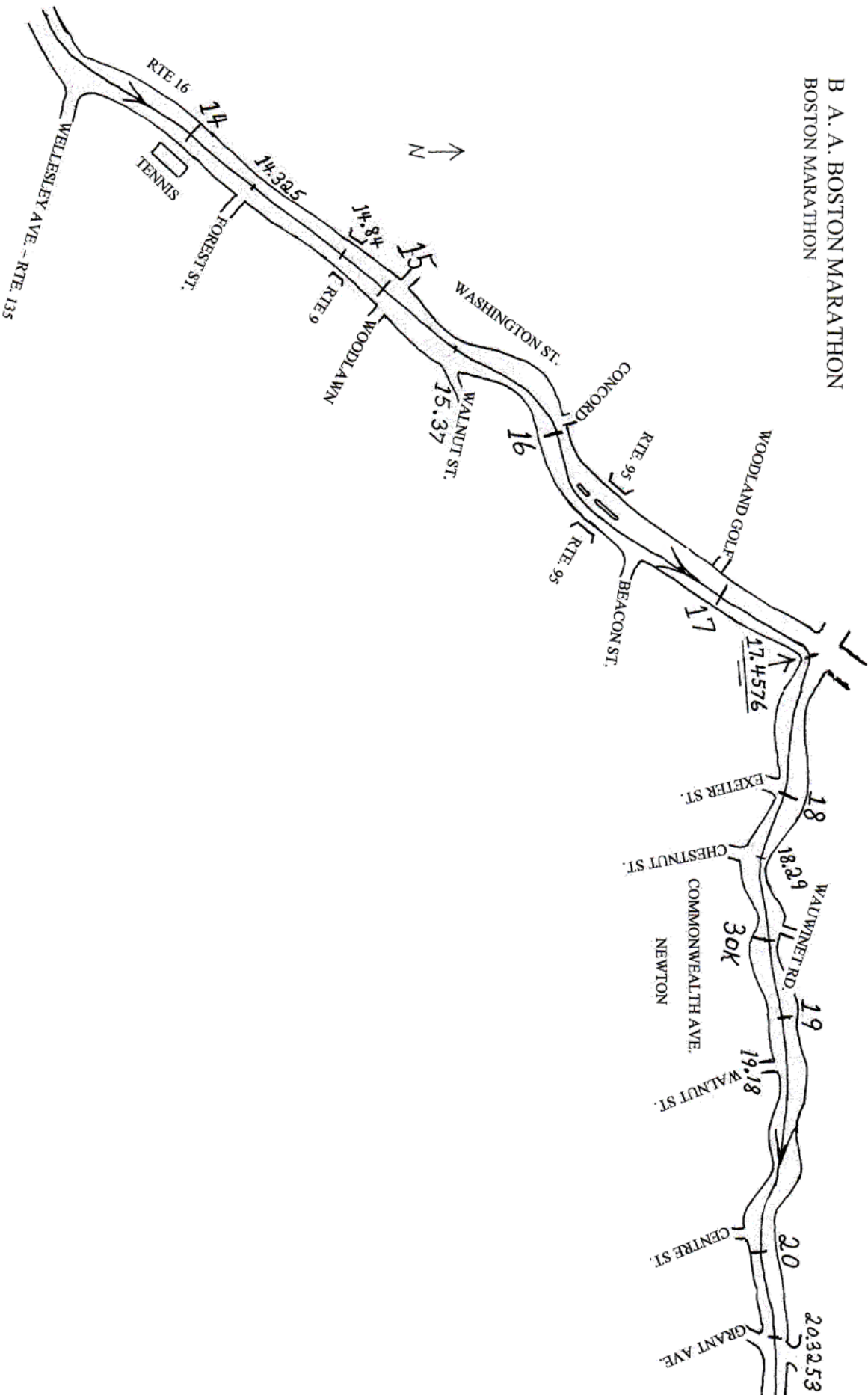
HOPKINTON TO BOSTON, MASSACHUSETTS



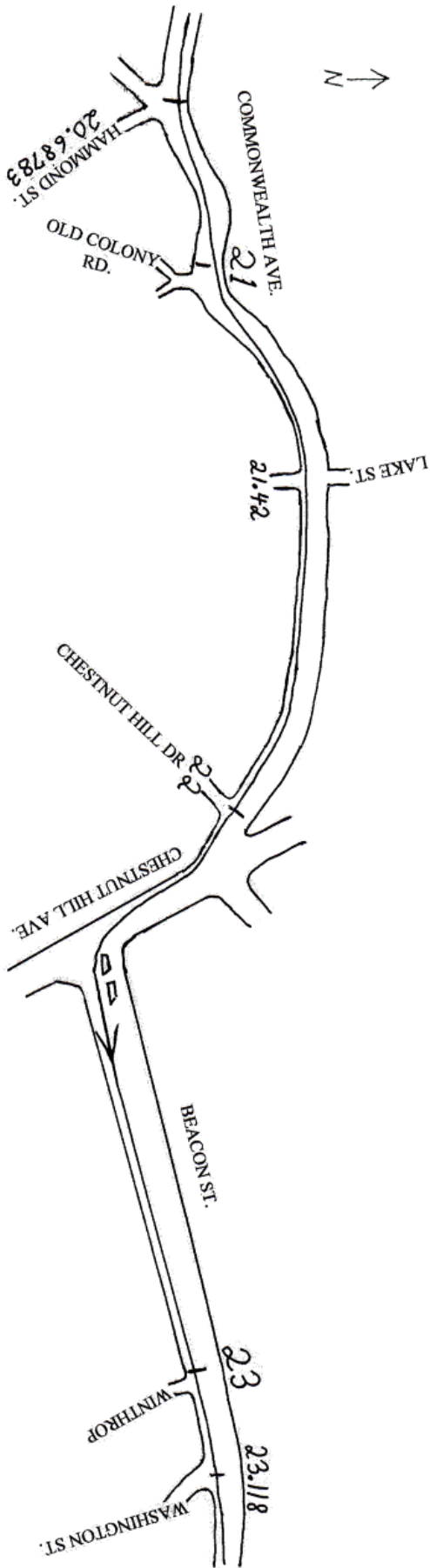
USATF Certificate
MA21002JK
Effective: 07/30/2021
Through: 12/31/2031

B. A. A. BOSTON MARATHON
BOSTON MARATHON

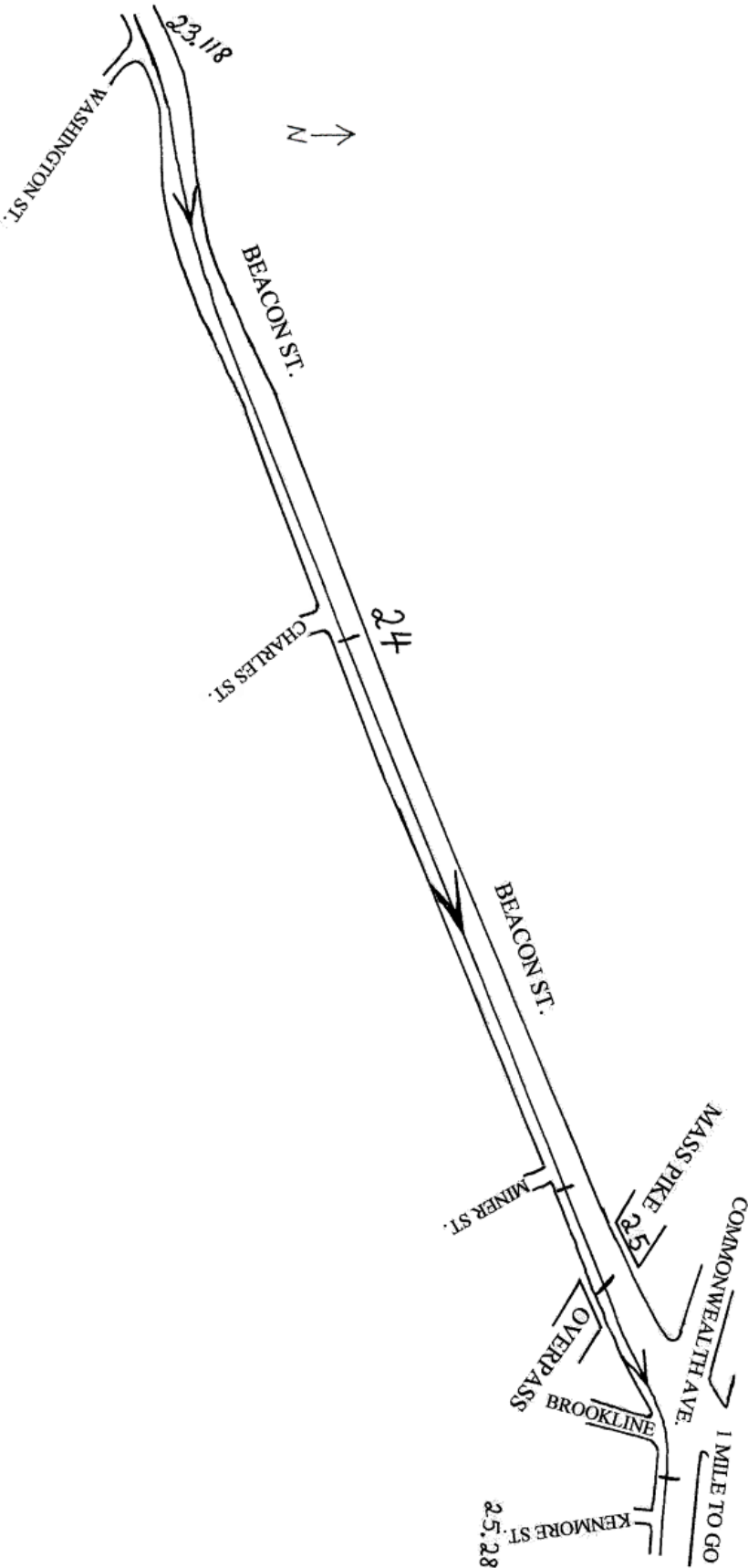




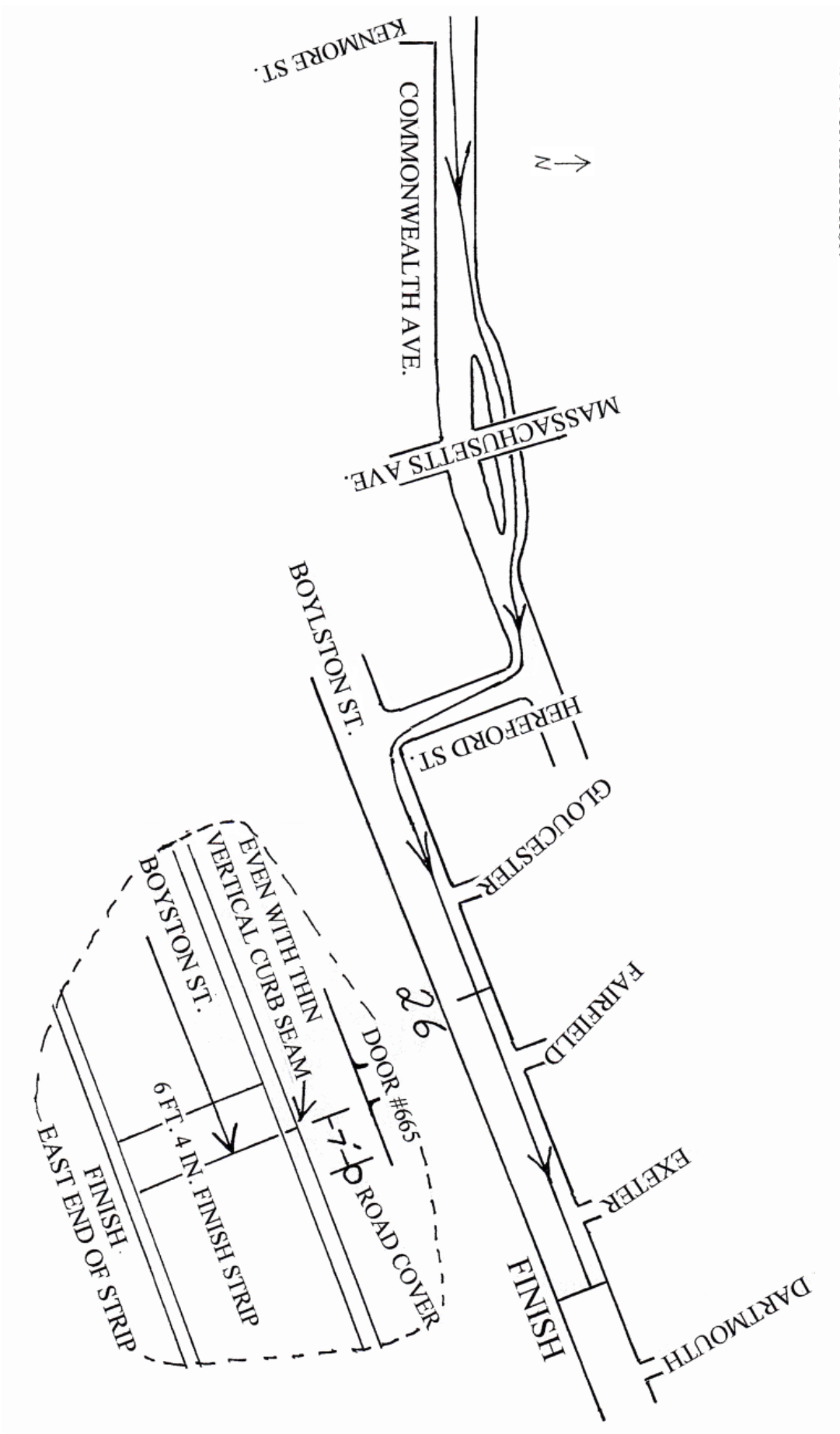
B. A. A. BOSTON MARATHON
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B. A. A. BOSTON MARATHON
BOSTON MARATHON



B. A. A. BOSTON MARATHON
BOSTON MARATHON



B. A. A. BOSTON MARATHON – MEASURED BY JUSTIN KUO AND RAY
NELSON - JULY 28-29, 2021

SPLIT DESCRIPTIONS

1K – 0.62 MI. – 21.8 FT. BEFORE POLE 65 (R), 0.2 MILE AFTER E. END OF PRESTWICK DR. (R)

MILE 1 – ON EAST MAIN ST., HOPKINTON, 42 FT. BEFORE PEACH ST. SIGNPOST (L), 12 FT. BEFORE STOP SIGN (R) AT EAST END OF LEGACTY FARMS RD. (R)

2K – 1.24 MI. – 15.5 FT. BEFORE BEGINNING OF DRIVEWAY #112 (R), 71.8 FT.

BEFORE POLE 32 (R), 84.8 FT BEFORE MAILBOX POST #111 (L)

3K – 1.86 MI. – 4 FT. AFTER W. END OF WOODLAND RD. (R), 30 FT. BEFORE POLE 2 (R)

MILE 2 – ON WEST UNION ST., ASHLAND, IN MIDDLE OF DRIVEWAY #272 (R) AT EAST END OF RESIDENCE #272, 58.5 FT. AFTER POLE 119

4K – 2.48 MI.- IN ASHLAND, JUST BEFORE FRANKLIN RD. (L), 5 FT. AFTER POLE 89X

MILE 3 – IN ASHLAND, JUST AFTER DRIVEWAY #66, 8 FT. BEFORE POLE 65 (R)

5K – IN ASHLAND, AT EAST END OF VOYAGERS LN., 6 FT. BEFORE DUNKIN DONUTS SIGN AT #41 W. UNION ST.

6K – 3.728 MI. – 3 FT. BEFORE FIRST FRONT DOOR TO #208 (R), 13 FT. AFTER POLE 31X (R)

MILE 4 – IN ASHLAND AT #62 UNION ST. (R) (AT BEGINNING OF FITZY’S CAR WASH), AT TOM’S AUTO BODY (L), 3 FT. BEFORE POLE 44/15 (L), 136 YD. BEFORE BEGINNING OF FOUNTAIN ST.(L)

7K – 4.35 MI. – AT #13 UNION ST., 29 FT. BEFORE MILE MARKER POST 15/2 (R), 52.4 FT. BEFORE POLE 31

8K – 4.97 MI. – 9.5 FT. BEFORE POLE 48/1X (R), 12.5 FT. BEFORE ‘ENTERING FRAMINGHAM’ SIGN

MILE 5 – 141 FT. AFTER ‘ENTERING FRAMINGHAM ST., 10 FT. BEFORE DOUBLE POSTED SIGN FOR WAVERLY ESTATES 1100-1114 (R), 10 FT. AFTER POLE 129 (R)

9K – 5.59 MI. – JUST BEFORE ENTRANCE TO #875 K.C.R. INC. (L), 9.5 FT AFTER NO PARKING SIGN (R), 33.8 FT. BEFORE POLE 99X

MILE 6 – EVEN WITH LEADING EDGE OF WAVERLY MARKET (R) #684 WAVERLY ST., 20 FT. BEFORE POLE 77 (L), 3 FT. AFTER END OF ‘BEC’ ROAD COVER AT FAR (L), BIG PARKING LOT (L), 45 YD. AFTER END OF BETHANY RD. (R)

10K – 7 FT. BEFORE END OF BUILDING #596 (R), 2 FT. AFTER 3 HR. PARKING SIGN (R), 130 YD. AFTER END OF MELLEN ST. (R)

MILE 7 – IN FRAMINGHAM ON WAVERLY ST. @ 40 YD. AFTER END OF BEAVER ST. (R), EVEN WITH LAMPPOST AT END OF SHELL STATION

MILE 8 – IN NATICK ON W. CENTRAL ST., 1 FT. BEFORE DOUBLE POSTED SIGN “DEERFIELD FOREST” (R), @ 35 YD. BEFORE NEWFIELD DR. (R), 10 FT. AFTER POLE 2 (L), 200 YD. AFTER END OF KENDALL LN. (R)

BOSTON MARATHON – MEASURED BY JUSTIN KUO / RAY NELSON JULY 28-29, 2021

*8.725 MILES AT END OF SPEEN ST.

MILE 9 – JUST BEFORE DRIVEWAY TO UNNAMED BLDG. (L), JUST BEFORE # 113 CENTRAL ST. (AMERICAN LEGION W/ FLAGPOLE), 44 FT. BEFORE ‘SHARE THE ROAD’ SIGN (R), 60 FT. BEFORE POLE 67 (L)

15K – 9.32 MI. – 12 FT. AFTER EAST END OF FIRST DRIVEWAY TO MIDDLESEX PATH (L), 24 FT. BEFORE POLE 196-50 (L), 10 FT. BEFORE BEGINNING OF STORM DRAIN (L)

MILE 10 – 60 YD. AFTER END OF WASHINGTON AVE. (L), 10 FT. BEFORE LEADING EDGE OF #43 CENTRAL ST. (RED HOUSE), JUST BEFORE BEGINNING OF DRIVEWAY #38 (R), 30 FT. BEFORE JCT 27 SIGN (R)

MILE 11 – IN NATICK, 25 FT. AFTER FRONT DOOR TO 154 EAST CENTRAL ST. (JESAMONDO) (L)

*11.72 MILES AT ‘ENTERING WELLESLEY’ SIGN, BEFORE POND ST.(R)

MILE 12 - 100 YD. AFTER ACCESS ROAD TO ATHLETIC FIELDS / TENNIS COURTS, 16 FT. BEFORE LAMPPPOST 7 (L), 85 FT. BEFORE ‘MILE 22.8’ SIGN (R)

20K – 12.427 MI. – 55YD. AFTER EAST END OF MAIN ENTRANCE TO WELLESLEY COLLEGE, 9 FT. AFTER POLE 59 (L)

MILE 13 – 5 FT AFTER FRONT DOOR TO #73 CENTRAL ST. (WILLIAM RAVEIS REAL ESTATE), JUST BEFORE CROSS ST. (R), 5 FT. AFTER METER 6073 (L)

HALF MARATHON – AT #13 CENTRAL ST. (JUNIPER), 20 FT. AFTER EAST END OF ABBOTT ST. (R), EVEN WITH ROAD COVER (L), 1 FT. AFTER LAMPPPOST (R)

MILE 14 – IN WELLESLEY ON WASHINGTON ST., 40 YD. BEFORE ENTRANCE TO PARKING LOT TO TENNIS COURTS (R), 3 FT. AFTER ‘NO PARKING’ SIGN (L), 12 FT. BEFORE BEGINNING OF STORM DRAIN (R), 3 FT. BEFORE ‘NO PARKING SIGN (R), 45 FT. BEFORE LAMPPPOST 262 (R)

MILE 15 – AT FRONT DOOR #189 WASHINGTON ST.(L), 70 FT, BEFORE BEGINNING OF WOODLAWN AVE., 24 FT BEFORE CROSSWALK, 102 YD. AFTER END OF GRANTLAND RD. (R)

25K – 15.53 MI. – IN WELLESLEY, JUST BEFORE #71 WASHINGTON ST., JUST AFTER HILLSIDE RD. (L), 3 FT. BEFORE BEGINNING OF STORM DRAIN (L), 9 FT. BEFORE LAMPPPOST 57 (L)

MILE 16 – IN NEWTON, JUST BEFORE DRIVEWAY #2344 WASHINGTON ST. (R), @ 35 YD. AFTER CONCORD ST., 14 FT. BEFORE POLE 252

MILE 17 – IN NEWTON, AT BEGINNING OF DRIVEWAY 1890 (R), 15 FT. AFTER POLE 202 (R), @ 110 YD. AFTER ENTRANCE TO WOODLAND GOLF CLUB (L)

*17.45762 MILES AT TRAFFIC SIGN POST AT CORNER OF WASHINGTON ST. AND COMMONWEALTH AVE. AT FIRE STATION (R)

BOSTON MARATHON –

MEASURED BY JUSTIN KUO AND RAY NELSON - JULY 28-29, 2021

MILE 18 – 14 FT. BEFORE CROSSWALK AT EXETER ST. (R), 3 FT. AFTER ROAD COVER IN MIDDLE OF EXETER ST.

30K – 18.64 MI. – AFTER WAUWINET RD, AT END OF #1230 COMMONWEALTH AVE. (R), 6 FT. BEFORE STORM DRAIN (R), 11 FT. BEFORE POLE ‘COM/1223’ (L)

MILE 19 – JUST BEFORE BEAUMONT AVE. (L) AT CITY HALL (R), 56 FT. BEFORE STORM DRAIN (L), 15 FT. AFTER LAMPPPOST ‘COM/1063’

MILE 20 – AFTER CENTRE ST., OPPOSITE E. END OF FRONT DOOR #615 COMMONWEALTH AVE (L), 10 FT. BEFORE BEGINNING OF DRIVEWAY TO SINGLE CAR GARAGE AT E. END OF WHITE FENCE (R)

MILE 21 – IN CHESTNUT HILL, 15 FT. BEFORE FRONT DOOR TO #176 COMMONWEALTH AVE. (ENGLISH TUDOR HOUSE), 8 FT. BEFORE NO PARKING SIGN (R), 53 YD. BEFORE BEGINNING OF OLD COLONY RD. (R).

35K – 21.748 MI. – IN BRIGHTON ON COMMONWEALTH AVE., EVEN WITH SIDEWALK AT BEGINNING OF WADE ST. (R), 34 FT. AFTER LAMPPPOST 1544

MILE 22 – AT BEGINNING OF CHESTNUT HILL DRIVEWAY (R), OPPOSITE RESERVOIR TOWERS (L), EVEN WITH RCN ROAD COVER (L), 3.5 FT BEFORE END OF CURB (L)

MILE 23 – IN BROOKLINE JUST BEFORE WINTHROP, 1 FT. BEFORE CROSSWALK AT #1665 BEACON ST. (NAIL PRO), EVEN WITH TRAFFIC LIGHT POST W/ SIGN ‘DO NOT ENTER, ONE WAY’ (L)

MILE 24 – IN BROOKLINE, 2.5 FT. BEFORE BEGINNING OF DRIVEWAY #1265 (R), @ 40 YD. AFTER CHARLES ST. (R)

40K – 24.85 MI. – IN BOSTON, AT #841 BEACON ST.(METAL OVERHEAD DOOR TO MIELE SHOWROOM), 34 FT. AFTER END OF MINER ST. (R), EVEN WITH ‘BWSC’ SQUARE ROAD COVER (R)

MILE 25 – ON MASS PIKE OVERPASS, 4 FT. BEFORE LAMPPPOST R-17150 W/ ‘BEACON ST. / BLANSFORD ST. STEPS’ SIGNS (L)

1 MILE TO GO – AT KENMORE SQ. EVEN WITH #532 7/ELEVEN (R), 7 FT. AFTER ‘BOSTON DRAIN’ ROAD COVER (FAR R)

- 577.417 METERS (0.35879 MILE) FROM CORNER OF HEREFORD / BOYLSTON AT END OF STORM DRAIN TO FINISH

MILE 26 – AT #841 BOYLSTON ST. (15 FT. AFTER E. END OF ENTRANCE / EXIT DOORS TO WALLGREENS PHARMACY) (L), 4 FT. BEFORE ‘GAS’ SMALL SQUARE ROAD COVER (L)