

DRIVERS ROUTE KNOWLEDGE DIAGRAMS

RICHMOND LINE

SEVEN HILLS

BLACKTOWN

MARAYONG

QUAKERS HILL

SCHOFIELDS

RIVERSTONE

VINEYARD

MULGRAVE

WINDSOR

CLARENDON

EAST RICHMOND

RICHMOND

Effective Date: August 2026

Version: 4.47

Explanatory Notes:

Navigate to your area of interest via the station index or by using links created in Adobe bookmarks.

This document is approved for **route knowledge only**.

Do not use these diagrams for any safety related purpose without validating the information against a controlled source or in the field.

Information in these diagrams is uncontrolled.

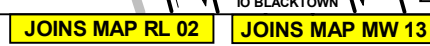
Please report any updates to
gjs.support@transport.nsw.gov.au

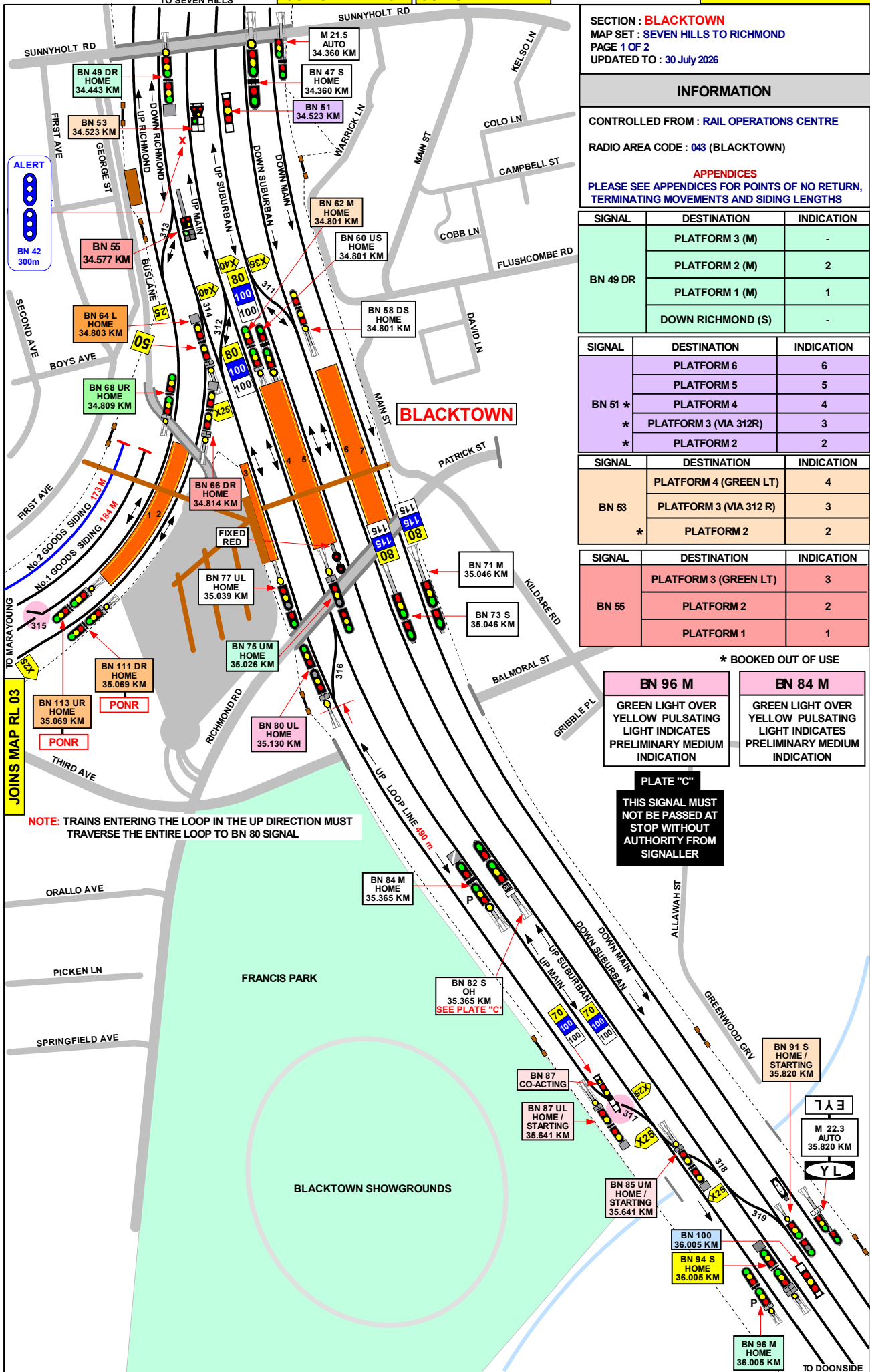


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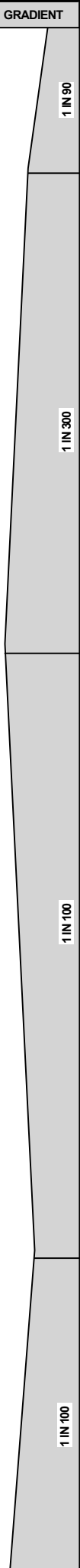
Ownership: Location Services

Location: CM Record No.D2015/564





SECTION : **BLACKTOWN**
MAP SET : **SEVEN HILLS TO RICHMOND**
PAGE 1 OF 2
UPDATED TO : 30 July 2026



INFORMATION

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**
RADIO AREA CODE : **043 (BLACKTOWN)**
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN,
TERMINATING MOVEMENTS AND SIDING LENGTHS

SIGNAL	DESTINATION	INDICATION
BN 49 DR	PLATFORM 3 (M)	-
	PLATFORM 2 (M)	2
	PLATFORM 1 (M)	1
	DOWN RICHMOND (S)	-

SIGNAL	DESTINATION	INDICATION
BN 51 *	PLATFORM 6	6
	PLATFORM 5	5
	PLATFORM 4	4
	PLATFORM 3 (VIA 312R)	3
*	PLATFORM 2	2

SIGNAL	DESTINATION	INDICATION
BN 53	PLATFORM 4 (GREEN LT)	4
	PLATFORM 3 (VIA 312 R)	3
	PLATFORM 2	2

SIGNAL	DESTINATION	INDICATION
BN 55	PLATFORM 3 (GREEN LT)	3
	PLATFORM 2	2
	PLATFORM 1	1

* BOOKED OUT OF USE

BN 96 M	BN 84 M
GREEN LIGHT OVER YELLOW PULSATING LIGHT INDICATES PRELIMINARY MEDIUM INDICATION	GREEN LIGHT OVER YELLOW PULSATING LIGHT INDICATES PRELIMINARY MEDIUM INDICATION

PLATE "C"
THIS SIGNAL MUST
NOT BE PASSED AT
STOP WITHOUT
AUTHORITY FROM
SIGNALLER

SECTION : **BLACKTOWN**
 MAP SET : **SEVEN HILLS TO RICHMOND**
 PAGE : **2 OF 2**
 UPDATED TO : **30 July 2026**

INFORMATION

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RADIO AREA CODE : **043 (BLACKTOWN)**

APPENDICES

PLEASE SEE APPENDICES FOR POINTS OF NO RETURN,
 TERMINATING MOVEMENTS AND SIDING LENGTHS

A NOTICE BOARD, INSCRIBED "THIS SIGNAL MUST NOT BE
 PASSED AT STOP WITHOUT AUTHORITY FROM THE
 SIGNALLER", IS PROVIDED ON THE FIXED STOP SIGNAL AT
 THE PENRITH END OF No. 5 PLATFORM.

* BOOKED OUT OF USE

SIGNAL	DESTINATION	INDICATION
BN 62 M	UP MAIN (M)	-
	UP SUBURBAN (M)	-
	UP MAIN (S)	UM
	UP SUBURBAN (S)	US

SIGNAL	DESTINATION	INDICATION
BN 64 L	UP MAIN (M) (VIA 310 R)	M
	UP MAIN (M) (VIA 312 R)	M
	UP SUBURBAN (M) (VIA 312 R)	S
	DOWN RICHMOND (S)	DR
	UP MAIN (S) (VIA 312 R)	UM
	UP SUBURBAN (S) (VIA 312 R)	US

SIGNAL	DESTINATION	INDICATION
BN 66 DR	UP MAIN (VIA 310R) (M)	M
	UP MAIN (VIA 351R) (M)	M
	UP SUBURBAN (M)	S
	DOWN RICHMOND (S)	DR
	UP MAIN (S)	UM
	UP SUBURBAN (S)	US

SIGNAL	DESTINATION	INDICATION
BN 68 UR	UP RICHMOND (M)	-
	UP MAIN (M)	-
	UP RICHMOND (S)	UR
	DOWN RICHMOND (S)	DR

SIGNAL	DESTINATION	INDICATION
BN 80 UL	PLATFORM 3 (M)	-
	PLATFORM 4 (M)	-
	PLATFORM 3 (S)	3 (TEMP:2A)
	PLATFORM 4 (S)	4 (TEMP:3)

SIGNAL	DESTINATION	INDICATION
BN 85 UM & BN 87 UL	DOWN SUBURBAN (M)	S
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
BN 91 S	DOWN SUBURBAN (M)	-
	DOWN SUBURBAN (S)	-

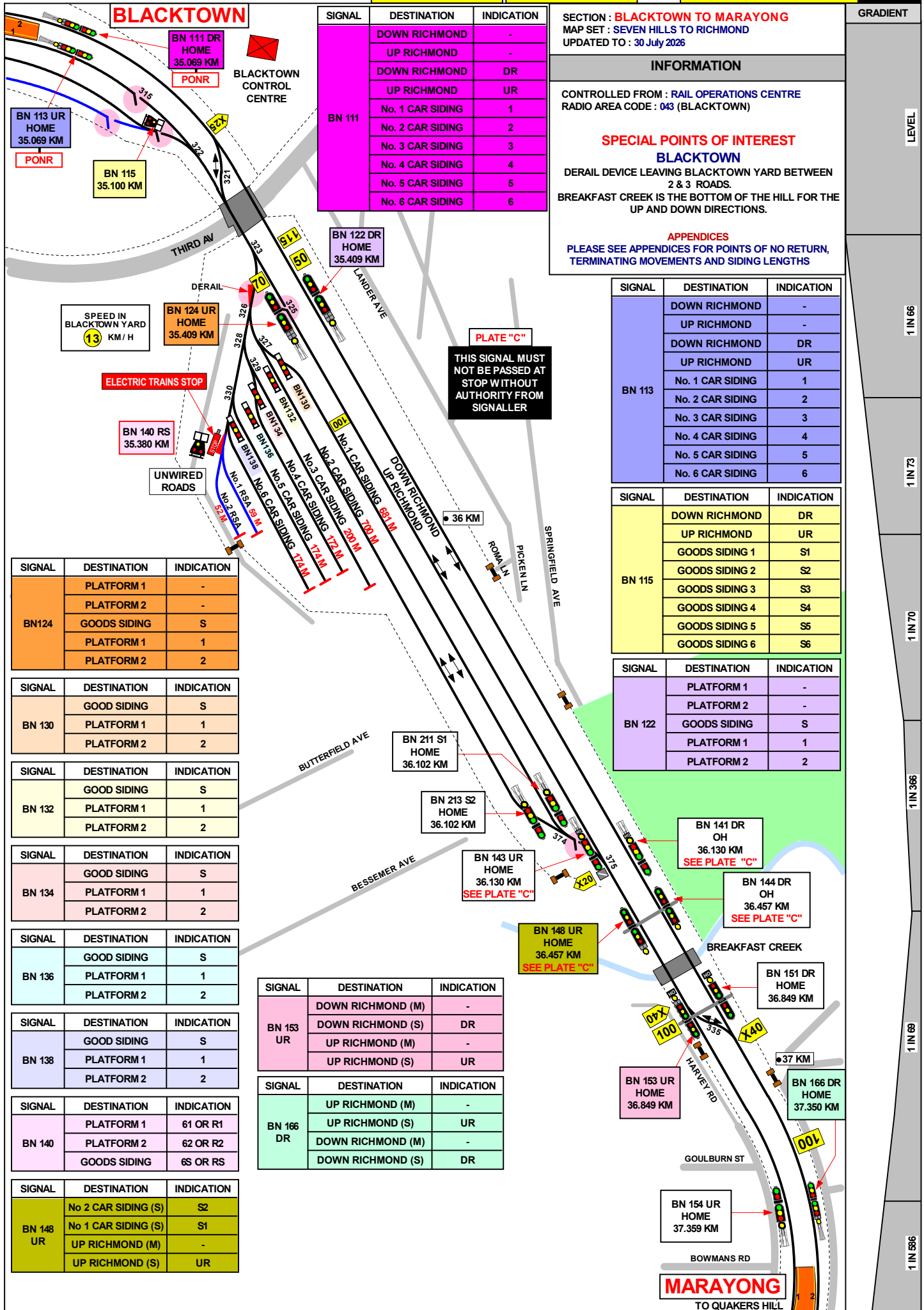
SIGNAL	DESTINATION	INDICATION
BN 94 S	UP LOOP (M)	L
	UP MAIN (M)	M
	UP SUBURBAN (M)	-
	UP LOOP (S)	UL
	UP MAIN (S)	UM
	UP SUBURBAN (S)	US

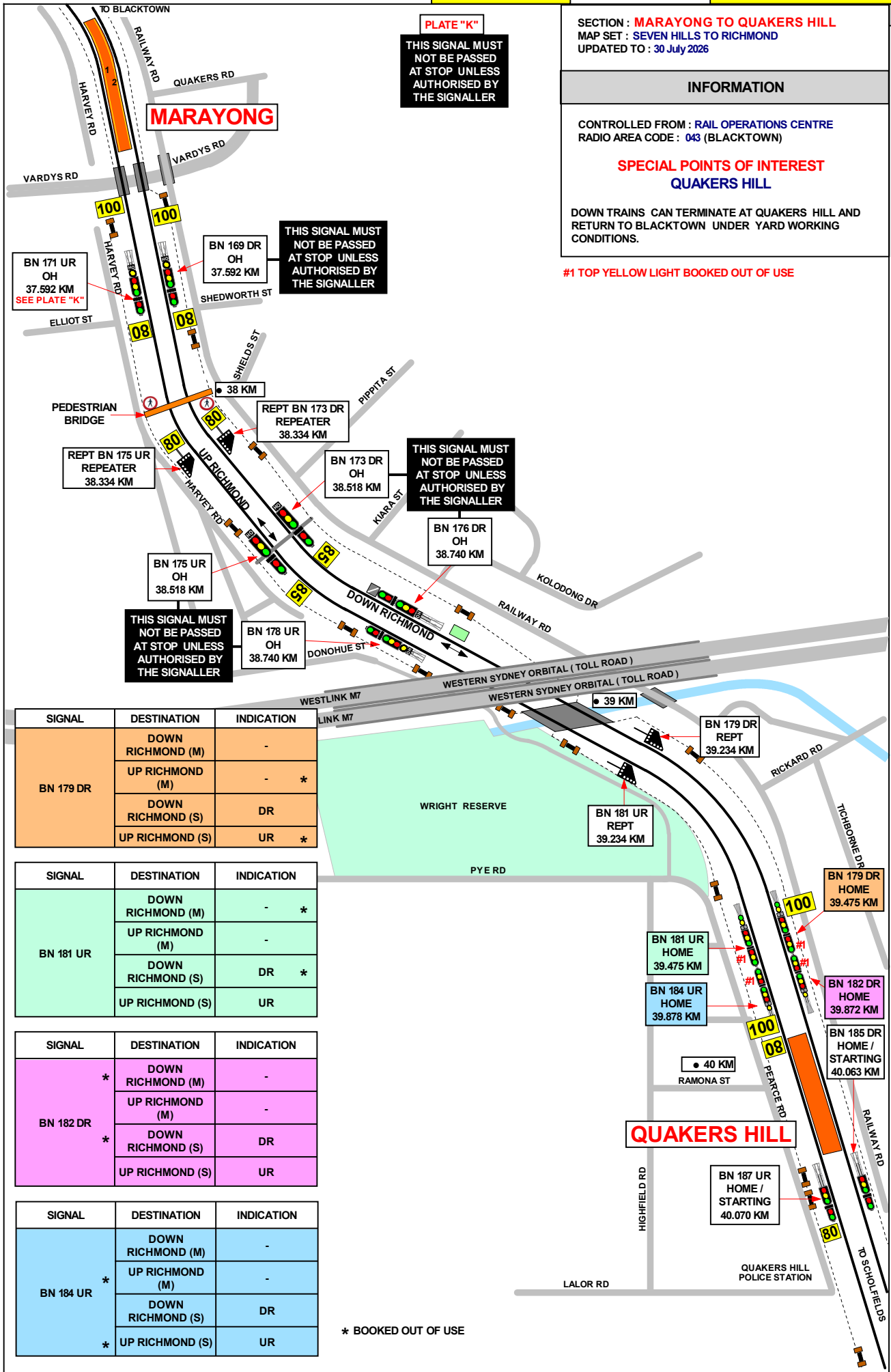
SIGNAL	DESTINATION	INDICATION
BN 96 M & BN 75 UM	UP LOOP (M)	-
	UP MAIN (M)	-
	UP LOOP (S)	UL
	UP MAIN (S)	UM

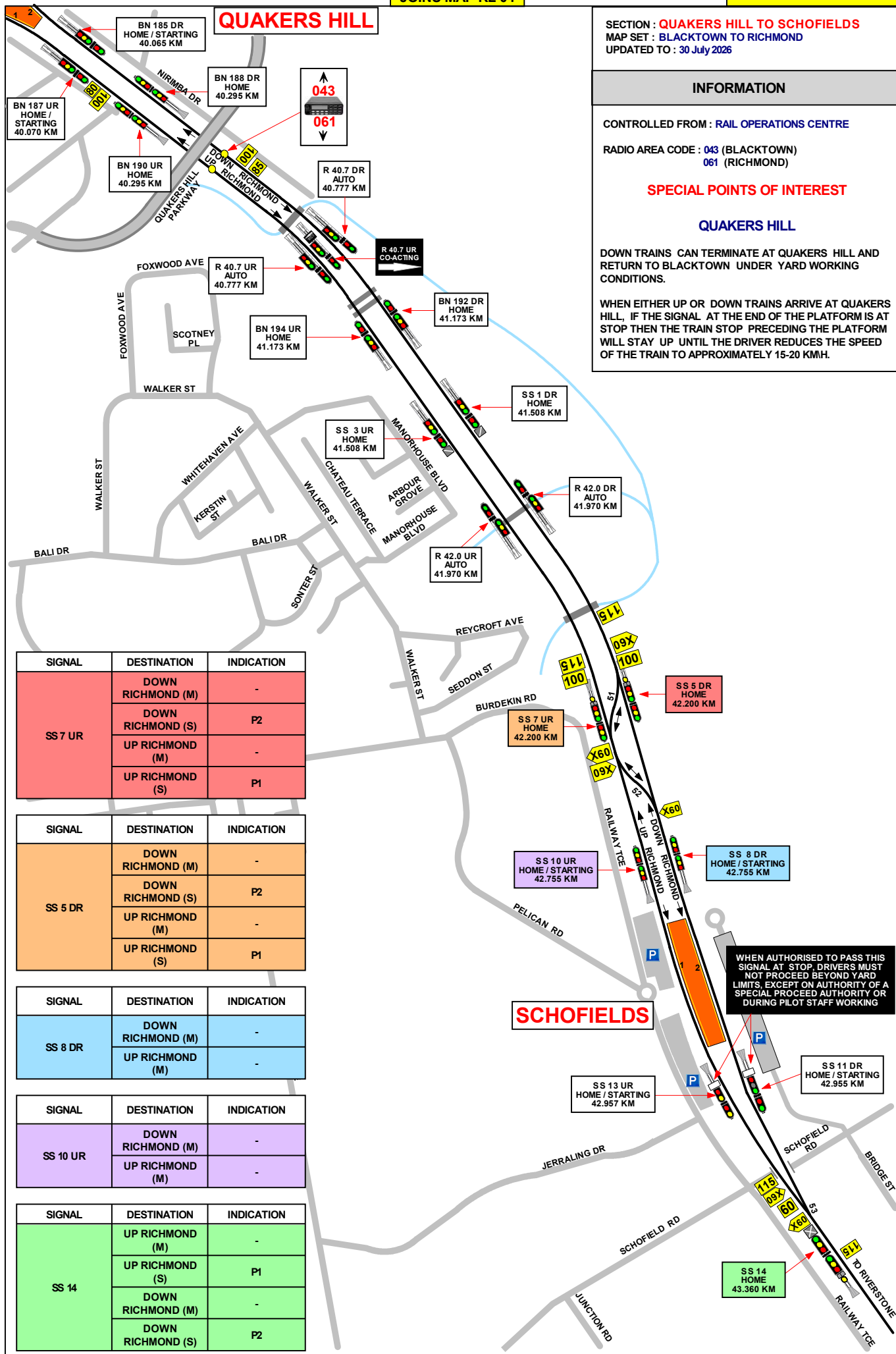
SIGNAL	DESTINATION	INDICATION
BN 100	UP LOOP (S)	L
	UP MAIN (S)	M
	UP SUBURBAN (S)	S

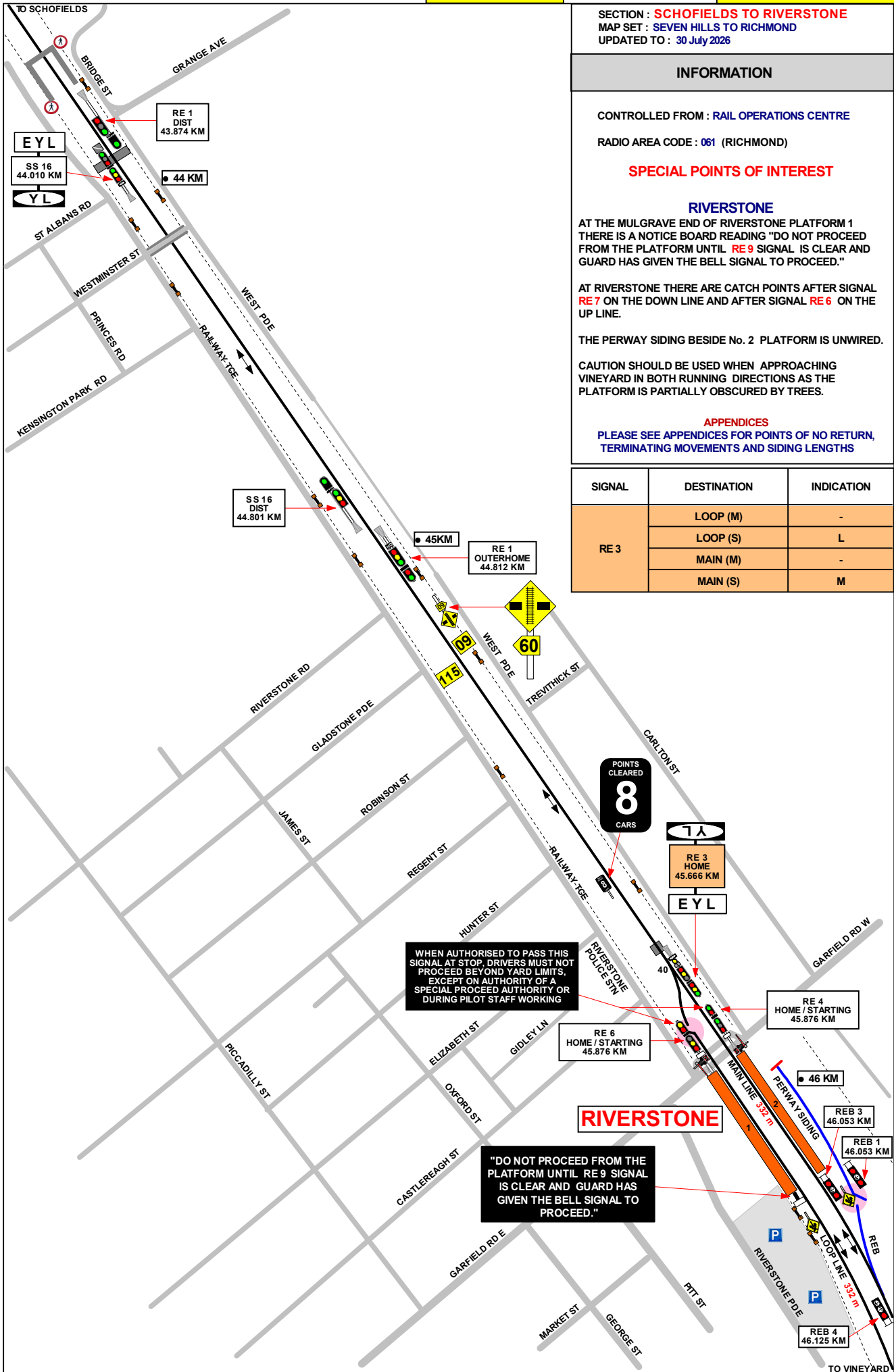
SIGNAL	DESTINATION	INDICATION
BN 111 & BN 113	DOWN RICHMOND	-
	UP RICHMOND	-
	DOWN RICHMOND	DR
	UP RICHMOND	UR
	No. 1 CAR SIDING	1
	No. 2 CAR SIDING	2
	No. 3 CAR SIDING	3
	No. 4 CAR SIDING	4
	No. 5 CAR SIDING	5
	No. 6 CAR SIDING	6

SIGNAL	DESTINATION	INDICATION
BN 115	DOWN RICHMOND	DR
	UP RICHMOND	UR
	GOODS SIDING 1	S1
	GOODS SIDING 2	S2
	GOODS SIDING 3	S3
	GOODS SIDING 4	S4
	GOODS SIDING 5	S5
	GOODS SIDING 6	S6









SECTION : **SCHOFIELDS TO RIVERSTONE**
 MAP SET : **SEVEN HILLS TO RICHMOND**
 UPDATED TO : **30 July 2026**

INFORMATION

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **061 (RICHMOND)**

SPECIAL POINTS OF INTEREST

RIVERSTONE

AT THE MULGRAVE END OF RIVERSTONE PLATFORM 1 THERE IS A NOTICE BOARD READING "DO NOT PROCEED FROM THE PLATFORM UNTIL **RE 9** SIGNAL IS CLEAR AND GUARD HAS GIVEN THE BELL SIGNAL TO PROCEED."

AT RIVERSTONE THERE ARE CATCH POINTS AFTER SIGNAL **RE 7** ON THE DOWN LINE AND AFTER SIGNAL **RE 6** ON THE UP LINE.

THE PERWAY SIDING BESIDE No. 2 PLATFORM IS UNWIRED.

CAUTION SHOULD BE USED WHEN APPROACHING VINEYARD IN BOTH RUNNING DIRECTIONS AS THE PLATFORM IS PARTIALLY OBSCURED BY TREES.

APPENDICES

PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS

SIGNAL	DESTINATION	INDICATION
RE 3	LOOP (M)	-
	LOOP (S)	L
	MAIN (M)	-
	MAIN (S)	M

GRADIENT

1 IN 82

1 IN 62

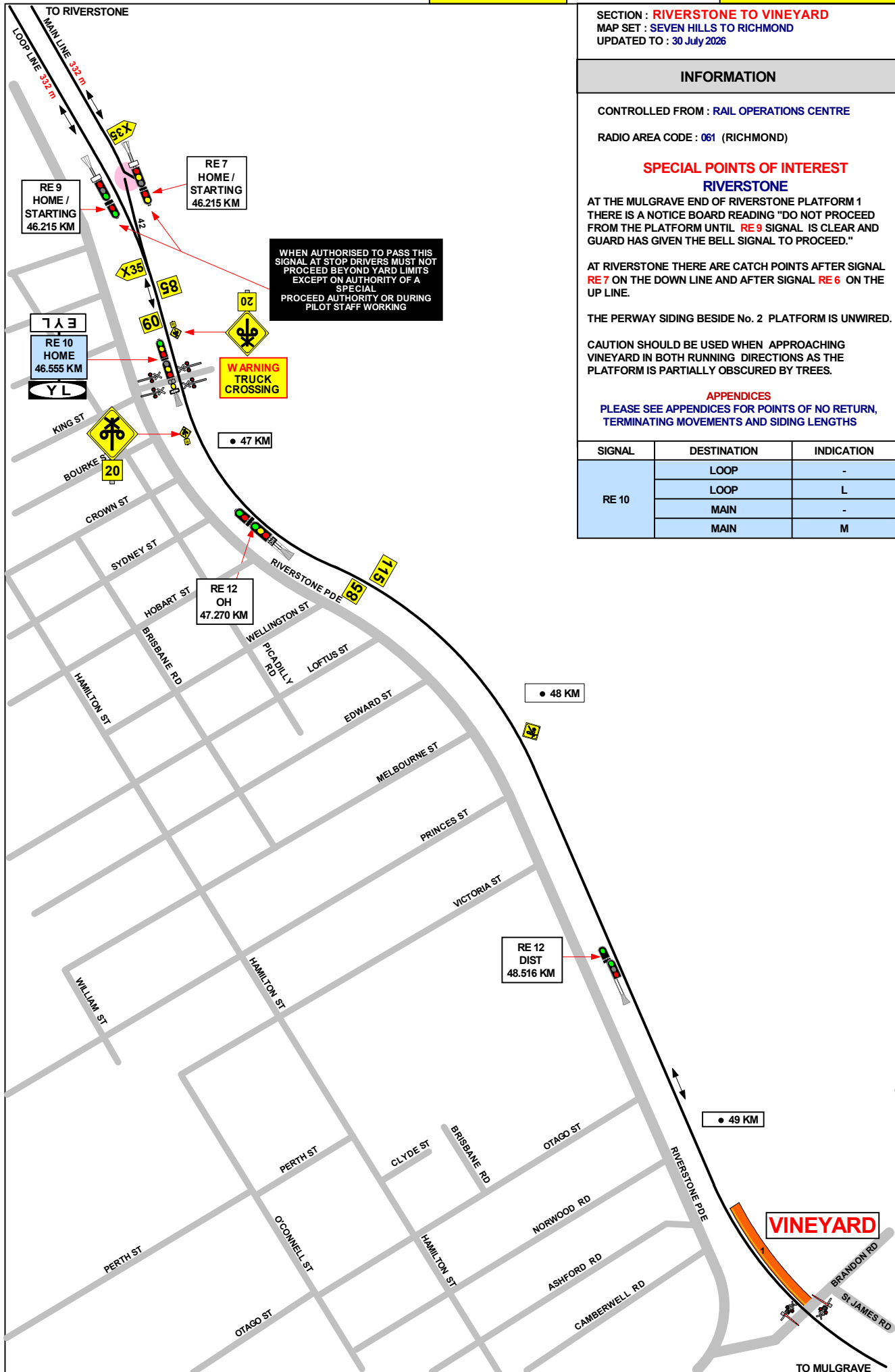
1 IN 68

1 IN 48

1 IN 80

1 IN 68

1 IN 184



SECTION : **RIVERSTONE TO VINEYARD**
 MAP SET : **SEVEN HILLS TO RICHMOND**
 UPDATED TO : 30 July 2026

INFORMATION

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RADIO AREA CODE : **061 (RICHMOND)**

SPECIAL POINTS OF INTEREST

RIVERSTONE

AT THE MULGRAVE END OF RIVERSTONE PLATFORM 1 THERE IS A NOTICE BOARD READING "DO NOT PROCEED FROM THE PLATFORM UNTIL **RE 9** SIGNAL IS CLEAR AND GUARD HAS GIVEN THE BELL SIGNAL TO PROCEED."

AT RIVERSTONE THERE ARE CATCH POINTS AFTER SIGNAL **RE 7** ON THE DOWN LINE AND AFTER SIGNAL **RE 6** ON THE UP LINE.

THE PERWAY SIDING BESIDE No. 2 PLATFORM IS UNWIRED.

CAUTION SHOULD BE USED WHEN APPROACHING VINEYARD IN BOTH RUNNING DIRECTIONS AS THE PLATFORM IS PARTIALLY OBSCURED BY TREES.

APPENDICES

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SIGNAL	DESTINATION	INDICATION
RE 10	LOOP	-
	LOOP	L
	MAIN	-
	MAIN	M

GRADIENT

1 IN 104

LEVEL

1 IN 225

1 IN 47

1 IN 50

1 IN 51

1 IN 143

1 IN 98

1 IN 80

SECTION : **VINEYARD TO MULGRAVE**
 MAP SET : **SEVEN HILLS TO RICHMOND**
 UPDATED TO : 30 July 2026

INFORMATION

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **061 (RICHMOND)**

(WFER)
WINDSOR FLOOD EVACUATION ROUTE
AT RAILWAY ROAD AT 52.090 KM
FOR EMERGENCY EVACUATIONS ONLY

1 IN 80

LEVEL

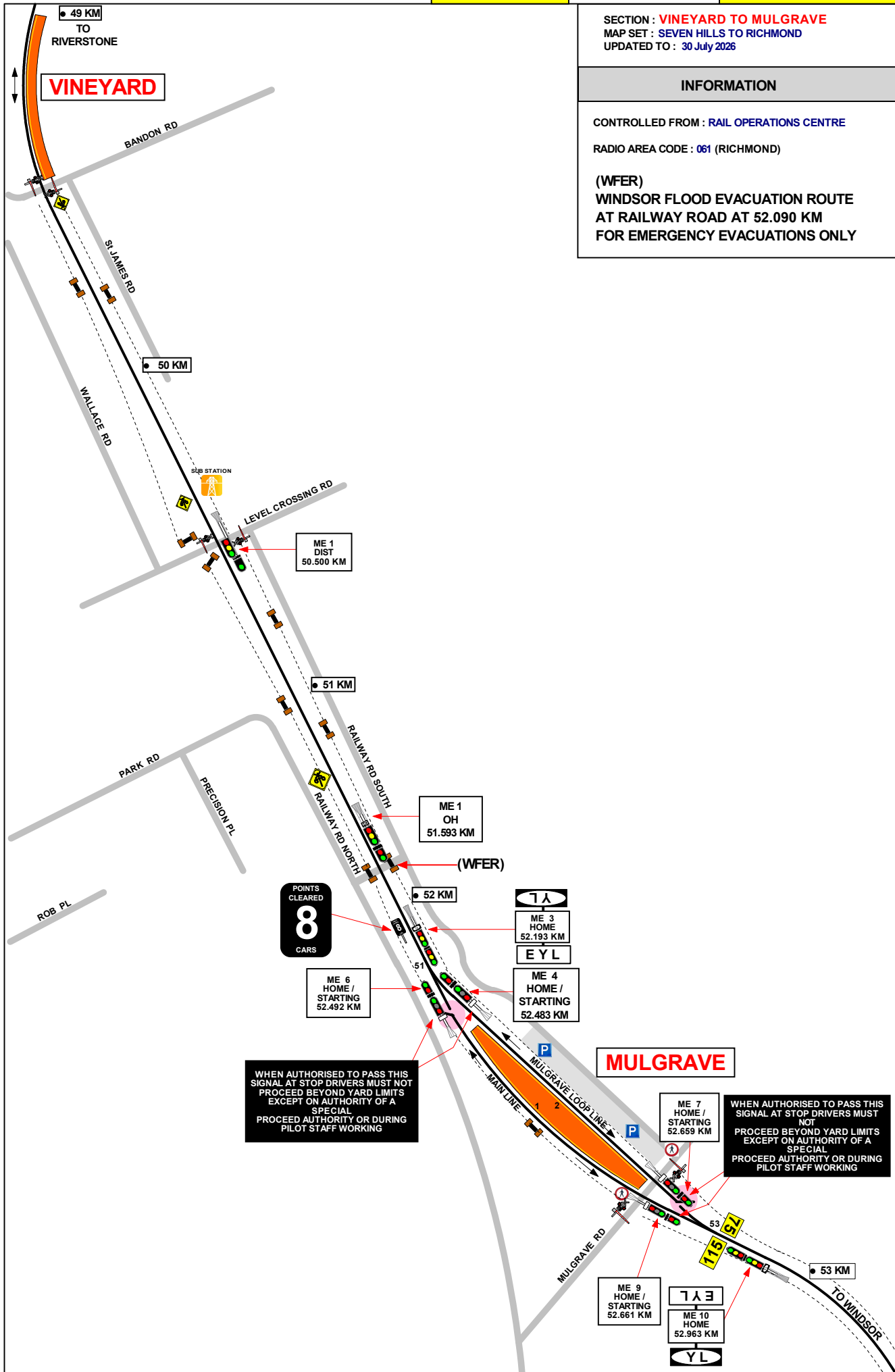
1 IN 144

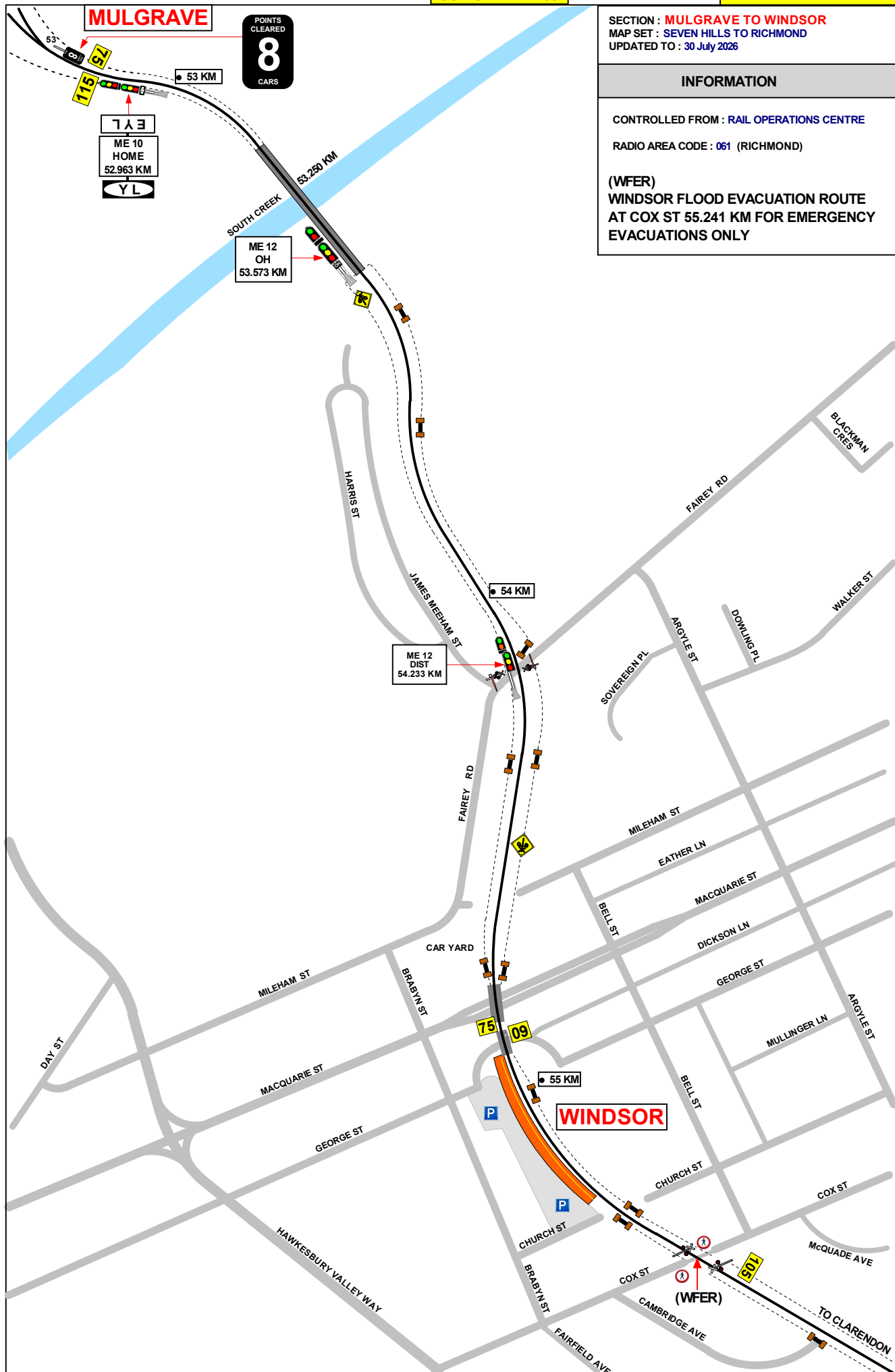
LEVEL

1 IN 73

1 IN 104

LEVEL





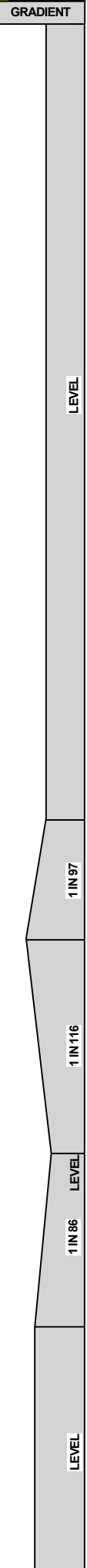
SECTION : **MULGRAVE TO WINDSOR**
MAP SET : **SEVEN HILLS TO RICHMOND**
UPDATED TO : 30 July 2026

INFORMATION

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **061 (RICHMOND)**

(WFER)
WINDSOR FLOOD EVACUATION ROUTE
AT COX ST 55.241 KM FOR EMERGENCY
EVACUATIONS ONLY



SECTION : **WINDSOR TO CLARENDON**
 MAP SET : **SEVEN HILLS TO RICHMOND**
 UPDATED TO : 30 July 2026

GRADIENT

INFORMATION

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**RADIO AREA CODE : **061** (RICHMOND)

(WFER)
**WINDSOR FLOOD EVACUATION ROUTE
 AT COX ST 55.241 KM FOR EMERGENCY
 EVACUATIONS ONLY**

SIGNAL	DESTINATION	INDICATION
CN 3	LOOP LINE (M)	-
	LOOP LINE (S)	L
	MAIN LINE (M)	-
	MAIN LINE (S)	M

