

DRIVERS ROUTE KNOWLEDGE DIAGRAMS

MAIN WEST LINE

LIDCOMBE

AUBURN

CLYDE

GRANVILLE

HARRIS PARK

PARRAMATTA

WESTMEAD

WENTWORTHVILLE

PENDLE HILL

TOONGABBIE

SEVEN HILLS

BLACKTOWN

DOONSIDE

ROOTY HILL

MOUNT DRUITT

ST MARYS

WERRINGTON

KINGSWOOD

PENRITH

EMU PLAINS

Effective Date: August 2025

Version: 5.14

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
gis.support@transport.nsw.gov.au



Copyright: Sydney Trains

Ownership: Geospatial Services

Location: CM Record No.D2015/573

SIGNAL	DESTINATION	INDICATION
AN 15	DOWN SUBURBAN (M)	D
	DOWN SUBURBAN (S)	DS
	UP SUBURBAN (M)	U
	UP SUBURBAN (S)	US
	DOWN MAIN (M)	-
	DOWN MAIN (S)	DM

SECTION : LIDCOMBE TO AUBURN

MAP SET : LIDCOMBE TO EMU PLAINS

PAGE : 2 OF 2

UPDATED TO : 10 March 2025

APPENDICES

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

SIGNAL	DESTINATION	INDICATION
AN 26	UP SUBURBAN (M)	-
	UP SUBURBAN (S)	US

SIGNAL	DESTINATION	INDICATION
AN 28	UP MAIN (M)	---
	UP MAIN (S)	UM
	UP SUBURBAN (M)	---
	UP SUBURBAN (S)	US

SIGNAL	DESTINATION	INDICATION
AN 45	ARRIVAL ROADS (S)	AR
	STORAGE ROADS (S)	SR
	DOWN SUBURBAN (S)	---
	DOWN SUBURBAN (S)	DS

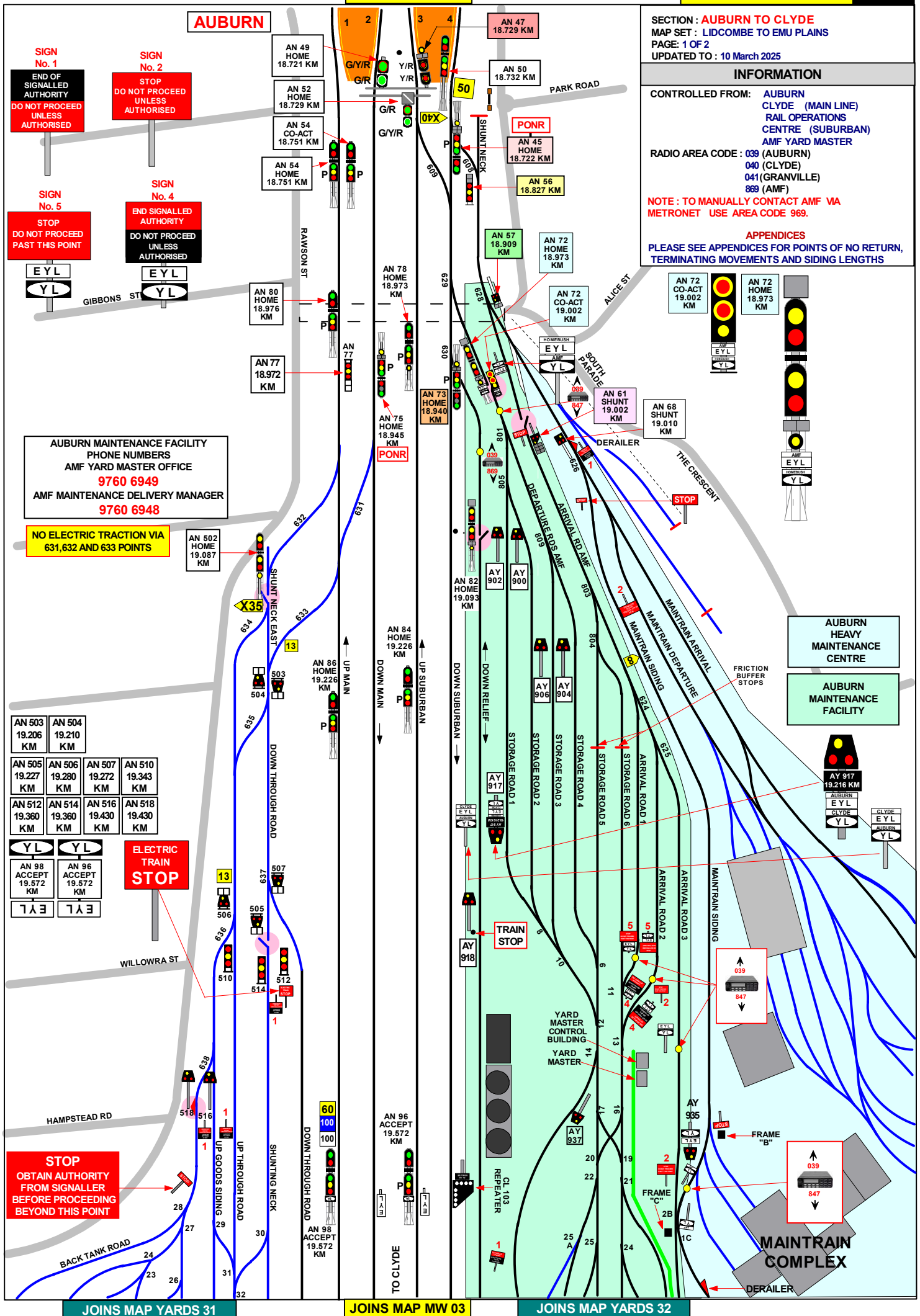
SIGNAL	DESTINATION	INDICATION
AN 47	STORAGE ROADS (S)	SR
	DOWN SUBURBAN (S)	---
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
ST 410 LC	DOWN SUBURBAN (M)	---
	DOWN SUBURBAN (S)	DS
	TURNBACK ROAD (M) LSp	TR
	TURNBACK ROAD (S)	TR

SIGNAL	DESTINATION	INDICATION
ST 412 LC	TRIANGLE LOOP (M) LSp	L
	TRIANGLE LOOP (M)	L
	TRIANGLE LOOP (S)	L
	UP MAIN SOUTH (M) LSp	UM
	UP MAIN SOUTH (M)	-
	UP MAIN SOUTH (S)	UM
	DOWN MAIN SOUTH (M)	D
	DOWN MAIN SOUTH (S)	DM

SIGNAL	DESTINATION	INDICATION
ST 420 M	UP MAIN (M) LSp	UM
	UP MAIN (S)	---
	UP MAIN (M)	UM
	UP SUBURBAN (M)	S
	UP SUBURBAN (S)	US
	TRIANGLE LOOP (M)	L
	TRIANGLE LOOP (S)	TL

SIGNAL	DESTINATION	INDICATION
ST 422 S	UP SUBURBAN (M) LSp	US
	UP SUBURBAN (M)	---
	UP SUBURBAN (S)	US
	TRIANGLE LOOP (M)	---
	TRIANGLE LOOP (S)	TL



GRADIENT	SIGNAL	DESTINATION	INDICATION	SIGNAL	DESTINATION	INDICATION	SECTION : AUBURN TO CLYBURN MAP SET : LIDCOMBE TO EMU PLAINS PAGE: 2 OF 2 UPDATED TO: 13 August 2025
LEVEL	AN 45	ARRIVAL ROADS (S)	AR	AN 78	UP SUBURBAN (M)		INFORMATION CONTROLLED FROM: AUBURN CLYDE (MAIN LINE) RAIL OPERATIONS CENTRE (SUBURBAN) AMC YARD MASTER RADIO AREA CODE : 039 (AUBURN) 040 (CLYDE) 041 (GRANVILLE) 847 (AMF) 869 (DOWN RELIEF) NOTE : TO MANUALLY CONTACT AMF VIA METRONET USE AREA CODE 947. DOWN RELIEF MANUAL RADIO CODE 969 APPENDICES PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS
1 IN 950		STORAGE ROADS (S)	SR		UP SUBURBAN (S)		
1 IN 1320		DOWN SUBURBAN (M)	----	AN 82	UP SUBURBAN (M)	U	
E		DOWN SUBURBAN (S)	DS		UP SUBURBAN (S)	US	
	AN 47	DOWN SUBURBAN (M)	----		DOWN SUBURBAN (M)	D	
		DOWN SUBURBAN (S)	DS		DOWN SUBURBAN (S)	DS	
	AN 56	DOWN SUBURBAN (S)	DS	AN 86	UP MAIN (M)		
					UP MAIN (S)		
1 IN 132	AN 57	WORK SHOPS (S)	WS	AN 502	UP MAIN (M)		
		ARRIVAL ROADS (S)	AR		UP MAIN (S)		
E	AN 61	ARRIVAL ROAD 3 (S)	A3	AN 503	DOWN THROUGH ROAD (S)	DT	
		ARRIVAL ROAD 2 (S)	A2		UP THROUGH ROAD (S)	UT	
		ARRIVAL ROAD 1 (S)	A1				
		STORAGE ROAD 6 (S)	S6				
		STORAGE ROAD 5 (S)	S5				
	AN 72	UP SUBURBAN (M)	U				
		UP SUBURBAN (S)	US				
		DOWN SUBURBAN (M)	D				
		DOWN SUBURBAN (S)	DS				
	AN 72 CO-ACT	UP SUBURBAN (M)	U				
		UP SUBURBAN (S)	US				
		DOWN SUBURBAN (M)	D				
		DOWN SUBURBAN (S)	DS				
	AN 73	DOWN RELIEF (M)	----				
		DOWN RELIEF (S)	DR				
		DOWN SUBURBAN (M)	----				
		DOWN SUBURBAN (S)	DS				
	AN 75	DOWN MAIN (M)	----				
		DOWN MAIN (S)	DM				
		DOWN THROUGH ROAD (S)	DT				
1 IN 100	AN 77	DOWN THROUGH ROAD (S)	DT				
		UP THROUGH ROAD (S)	UT				

WALKING
PATH
TO
YARD MASTERS
OFFICE

RADIO
TRANSPONDER

SIGN
No. 1
**END SIGNALLED
AUTHORITY**
**DO NOT PROCEED
UNLESS
AUTHORISED**

SIGN
No. 2
STOP
**DO NOT PROCEED
PAST THIS POINT**

SIGN
No. 3
**DO NOT PROCEED
UNLESS
AUTHORISED**

SIGN
No. 4
**END SIGNALLED
AUTHORITY**
**DO NOT PROCEED
UNLESS
AUTHORISED**

SIGN
No. 5
STOP
**DO NOT PROCEED
PAST THIS POINT**

EYL
YL

EYL
YL

STOP BOARD
" A "



STOP BOARD
" B "



STOP BOARD
" C "



WORKING OF TRAINS IN AND OUT OF MAINTRAIN

TRAINS ENTERING MAINTRAIN ARE WORKED IN THE FOLLOWING MANNER

THE DRIVER WILL STOP SHORT OF THE FIRST STOP BOARD AT 18.953 KM, WHERE THE GUARD / OBSERVER WILL CONTACT THE SIGNALLER AT AUBURN AND OBTAIN PERMISSION TO PROCEED PAST THE STOP BOARD TO MAINTRAIN HE / SHE WILL THEN CHECK ALL POINTS ARE CORRECTLY SET AND THEN INSTRUCT THE DRIVER TO PROCEED ACCOMPANYING HIM TO THE SECOND STOP BOARD (STOP BOARD " A " AT RIGHT) AT THE APPROACH SIDE OF THE FACING POINTS TO MAINTRAIN.

IF No. 2 SIDING (ARRIVAL ROAD) IS UNOCCUPIED INSTRUCT DRIVER TO PROCEED TO THE STOP BOARD CLEAR OF No. 1 SIDING AT (19.212 KM).

IF No. 2 SIDING IS OCCUPIED OBTAIN THE PERMISSION OF THE MAINTRAIN SHUNTER TO PROCEED INTO No. 1 SIDING (DEPARTURE ROAD) AS FAR AS STOPBOARD CLEAR OF No. 2 SIDING (19.212 KM). (STOP BOARD "B" AT RIGHT) WHEN IN CLEAR THE TRAIN IS TO BE STABLED (PANTOGRAPHS LOWERED), ALL PARKING BRAKES APPLIED AND THE WHEELS CHOCKED.

WHEN DEPARTING FROM MAINTRAIN

MAINTRAIN STAFF WILL LEAVE A CERTIFICATE IN THE SYDNEY END DRIVERS CAB STATING THAT THE TRAIN IS IN A FIT CONDITION TO TRAVEL TO A MAINTENANCE CENTRE. PREPARE TRAIN READY FOR DEPARTURE, TAKE PARTICULAR NOTE THAT BRAKES ARE CUT IN AND WORKING CORRECTLY

THE GUARD / OBSERVER OBTAINS PERMISSION FROM THE SIGNALLER AT AUBURN TO PROCEED TO SIGNAL No. **22 U** AND INSTRUCTS THE DRIVER TO PROCEED .

THE DRIVER AFTER RECEIVING INSTRUCTIONS FROM THE GUARD / OBSERVER WILL PROCEED PAST THE STOP BOARD (STOP BOARD " C " AT RIGHT) TO SIGNAL No. **22 U** PREPARED TO STOP SHORT OF ANY OBSTRUCTION AND THEN FOLLOW THE INDICATION ON THAT SIGNAL.

SECTION : AUBURN TO CLYDE
 MAP SET : LIDCOMBE TO EMU PLAINS
 PAGE: 1 OF 2
 UPDATED TO : 11 March 2025

INFORMATION

CONTROLLED FROM:

AUBURN
 CLYDE (MAIN LINE)
 RAIL OPERATIONS
 CENTRE (SUBURBAN)
 AMF YARD MASTER

RADIO AREA CODE : 039 (AUBURN)
 040 (CLYDE)
 041 (GRANVILLE)

5 R 20.556 KM	6 L 20 20.575 KM	7 R 7 L 10 20.397 KM	9 L 9 R 20.341 KM
24 L 24 R 20.257 KM	72 L 72 R 20.473 KM	73 L 73 R 20.396 KM	75 L 20.256 KM
75 R 20.333 KM	76 R 20.205 KM	76 L 20.214 KM	AY 994 20.468 KM
M 12.78 20.564 KM	77 R 20.070 KM	77 L 20.070 KM	78 19.988 KM
CL 103 HOME 19.665 KM	CL 115 19.975 KM	CL 117 HOME 19.975 KM	CL 122 20.170 KM
CL 142 HOME 20.393 KM	M 12.15 AUTO 19.572 KM	M 12.44 AUTO 19.992 KM	M12.43 ACCEPT 20.002 KM
M12.67 HOME 20.398 KM	GE 203 HOME 20.398 KM	S 12.44 AUTO 19.992 KM	C12.78 HOME 20.571 KM
M12.68 HOME 20.393 KM			

STOP

LOCOMOTIVES
 MUST NOT PASS
 THIS POINT UNTIL
 AUTHORISED
 TO DO SO BY A
 SHUNTER

END SIGNALLED
 AUTHORITY. DO NOT
 PROCEED UNLESS
 AUTHORISED

MAINTENANCE
 VEHICLES ONLY

ELECTRIC
TRAINS
STOPPONR
FOR
AMC
YARD

TRANSFER ROAD
 BYPASS ROAD

CLYDE

SECTION : CLYBURN TO CLYDE
 MAP SET : LIDCOMBE TO EMU PLAINS
 PAGE : 2 OF 2
 UPDATED TO : 11 March 2025

SIGNAL	DESTINATION	INDICATION
6 L 20	UP YARD (S)	UY

SIGNAL	DESTINATION	INDICATION
7R 7L 10	UP THROUGH ROAD (S)	UT
	DOWN THROUGH ROAD (S)	DT
	CAR SIDINGS (S)	CS

SIGNAL	DESTINATION	INDICATION
9L 9R	UP WEIGHBRIDGE ROAD (S)	UW
	UP THROUGH ROAD(S)	UT

SIGNAL	DESTINATION	INDICATION
24 L 24 R	FIVE ROAD (S)	5
	DOWN THROUGH ROAD (S)	DT

SIGNAL	DESTINATION	INDICATION
72 L 72 R	BACK PLATFORM (S)	BP
	RUN ROUND (S)	RR

SIGNAL	DESTINATION	INDICATION
73 L 73 R	DOWN MAIN (S)	DM
	RUN ROUND (S)	RR

SIGNAL	DESTINATION	INDICATION
76 L	UP THROUGH ROAD (S)	UT

SIGNAL	DESTINATION	INDICATION
76R	UP THROUGH ROAD (S)	UT

SIGNAL	DESTINATION	INDICATION
AY 990	STANDING ROAD WEST 1	1
	STANDING ROAD WEST 2	2
	STANDING ROAD WEST 3	3
	STANDING ROAD WEST 4	4
	STANDING ROAD WEST 5	5
	STANDING ROAD WEST 6	6

SIGNAL	DESTINATION	INDICATION
AY 994	DOWN RELIEF (S)	DR
	STANDING ROADS (S)	SR
	BYPASS ROAD (S)	BP
	TRANSFER ROAD (S)	TR

SIGNAL	DESTINATION	INDICATION
C12.78	UP YARD (S)	UY
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
CL 115	DOWN RELIEF (S)	DR
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
CL 117	DOWN RELIEF (S)	DR
	DOWN SUBURBAN (M)	--
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
CL 142	UP SUBURBAN (M)	
	UP SUBURBAN (S)	US
	DOWN RELIEF (S)	DR

SIGNAL	DESTINATION	INDICATION
M12.78	UP YARD (S)	UY
	UP MAIN (S)	UM

SECTION : **CLYDE TO GRANVILLE**
CLYDE TO PARRAMATTA ROAD
 MAP SET : LIDCOMBE TO EMU PLAINS
 UPDATED TO : 12 March 2025

INFORMATION

CONTROLLED FROM:

AUBURN
 CLYDE (MAIN LINE)
 RAIL OPERATIONS CENTRE (SUBURBAN)
 AMF YARD MASTER

RADIO AREA CODE : 039 (AUBURN)
 040 (CLYDE)
 041 (GRANVILLE)

NOTE : TO MANUALLY CONTACT AMF VIA
 METRONET USE AREA CODE 947.
 DOWN RELIEF MANUAL RADIO CODE 969

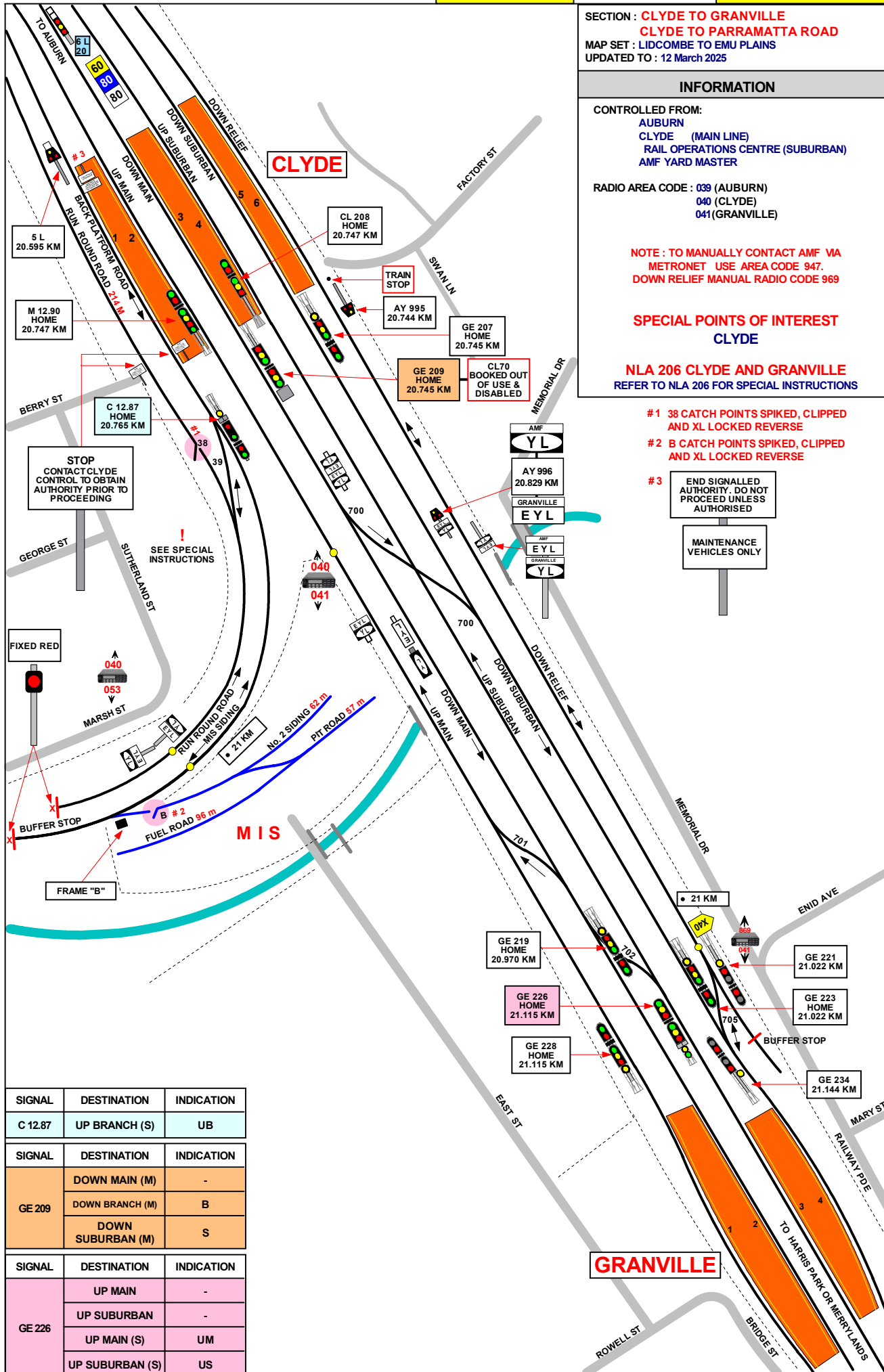
SPECIAL POINTS OF INTEREST
CLYDE

NLA 206 CLYDE AND GRANVILLE
 REFER TO NLA 206 FOR SPECIAL INSTRUCTIONS

- #1 38 CATCH POINTS SPIKED, CLIPPED
 AND XL LOCKED REVERSE
 #2 B CATCH POINTS SPIKED, CLIPPED
 AND XL LOCKED REVERSE

- #3 END SIGNALLED
 AUTHORITY. DO NOT
 PROCEED UNLESS
 AUTHORISED

MAINTENANCE
 VEHICLES ONLY



SIGNAL	DESTINATION	INDICATION
C 12.87	UP BRANCH (S)	UB
SIGNAL	DESTINATION	INDICATION
GE 209	DOWN MAIN (M)	-
	DOWN BRANCH (M)	B
	DOWN SUBURBAN (M)	S
SIGNAL	DESTINATION	INDICATION
GE 226	UP MAIN	-
	UP SUBURBAN	-
	UP MAIN (S)	UM
	UP SUBURBAN (S)	US

SIGNAL	DESTINATION	INDICATION
GE 243	DOWN OLD SOUTH MAIN (M)	-
	DOWN WEST MAIN (M)	-
	DOWN OLD SOUTH MAIN (S)	DS
	DOWN WEST MAIN (S)	WM

SIGNAL	DESTINATION	INDICATION
GE 245	DOWN WEST MAIN (S)	WM
	DOWN OLD SOUTH MAIN (M)	S
	DOWN WEST MAIN (M)	W
	UP OLD SOUTH MAIN (S)	US

SIGNAL	DESTINATION	INDICATION
GE 247	DOWN WEST MAIN (M)	-
	DOWN WEST SUBURBAN (M)	-
	DOWN WEST MAIN (S)	WM
	DOWN WEST SUBURBAN (S)	WS

SIGNAL	DESTINATION	INDICATION
GE 256	UP SUBURBAN (M)	-
	UP SUBURBAN (S)	US
	DOWN SUBURBAN (M)	-
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
GE 406	UP SUBURBAN (M)	-
	UP SUBURBAN (S)	US
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
GE 412	UP MAIN (M)	-
	UP SUBURBAN (M)	DS
	UP MAIN (S)	
	UP SUBURBAN (S)	US

SIGNAL	DESTINATION	INDICATION
GE 424	UP WEST MAIN (M)	-
	DOWN WEST MAIN (M)	D
	SOUTH WEST OUTER (M)	S
	UP WEST MAIN (S)	UW
	DOWN WEST MAIN (S)	DW
	SOUTH WEST OUTER (S)	SO

SECTION : **GRANVILLE TO HARRIS PARK**
MAP SET : LIDCOMBE TO EMU PLAINS
UPDATED TO : 10 March 2025
Page: 2 of 2

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 041 (GRANVILLE)

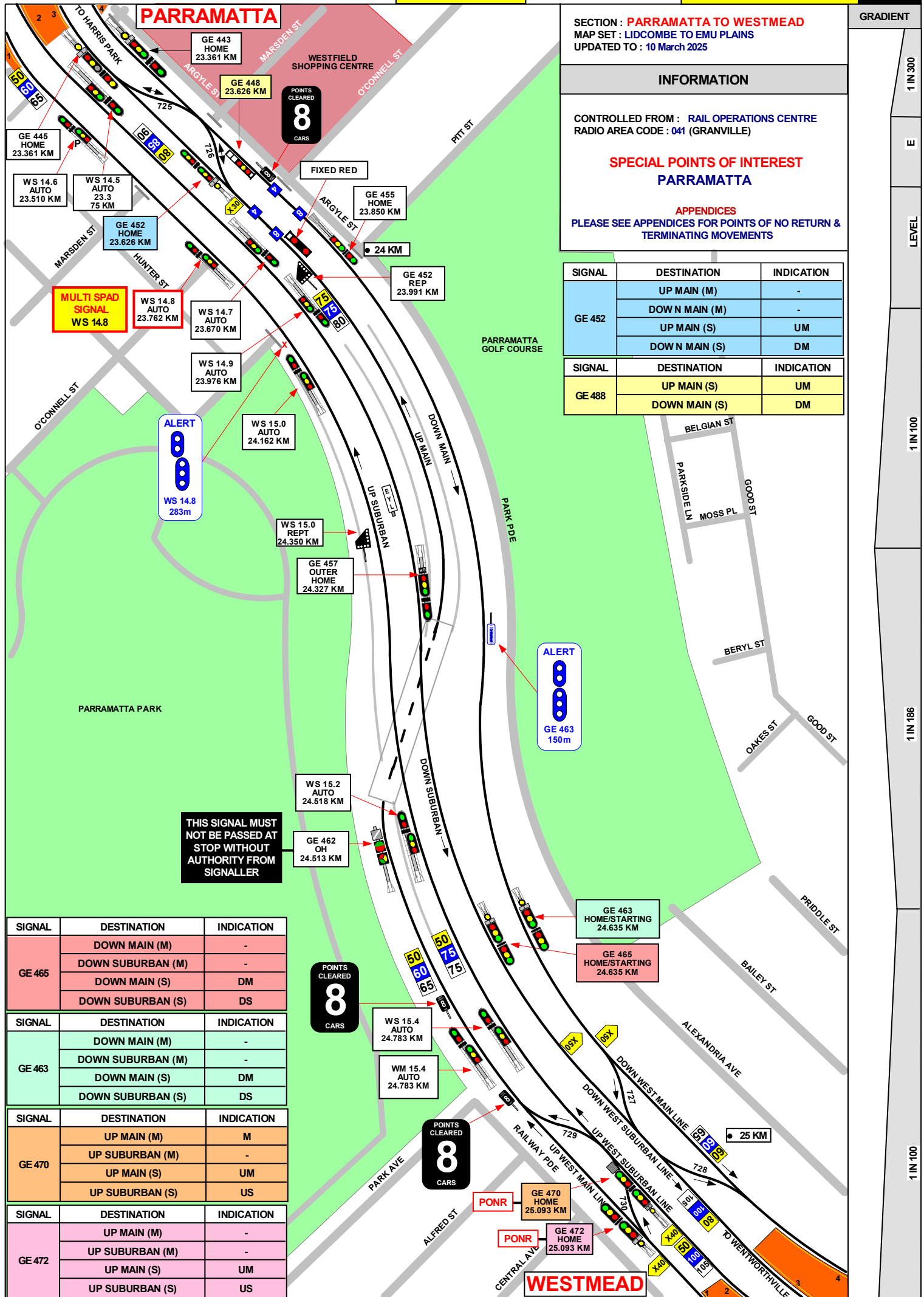
SPECIAL POINTS OF INTEREST GRANVILLE

THE POINTS AND SIGNALS AT GRANVILLE, PARRAMATTA, WESTMEAD AND THE JUNCTIONS AT BOTH ENDS OF THE SOUTH WEST OUTER AND SOUTH WEST INNER LINES ARE ALL PART OF THE GRANVILLE INTERLOCKING.

THE SHUNTING NECK IS APPROXIMATELY 260 METRES LONG AND HOLDS AROUND 12 CARS.



SIGNAL	DESTINATION	INDICATION
GE 424	UP WEST MAIN (M)	-
	DOWN WEST MAIN (M)	D
	SOUTH WEST OUTER (M)	S
	UP WEST MAIN (S)	UW
	DOWN WEST MAIN (S)	DW
	SOUTH WEST OUTER (S)	SO



WESTMEAD

SECTION : **WESTMEAD TO WENTWORTHVILLE**
 MAP SET : **LIDCOMBE TO EMU PLAINS**
 UPDATED TO : **07 April 2025**

INFORMATION

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**
 RADIO AREA CODE : **041 (GRANVILLE)**

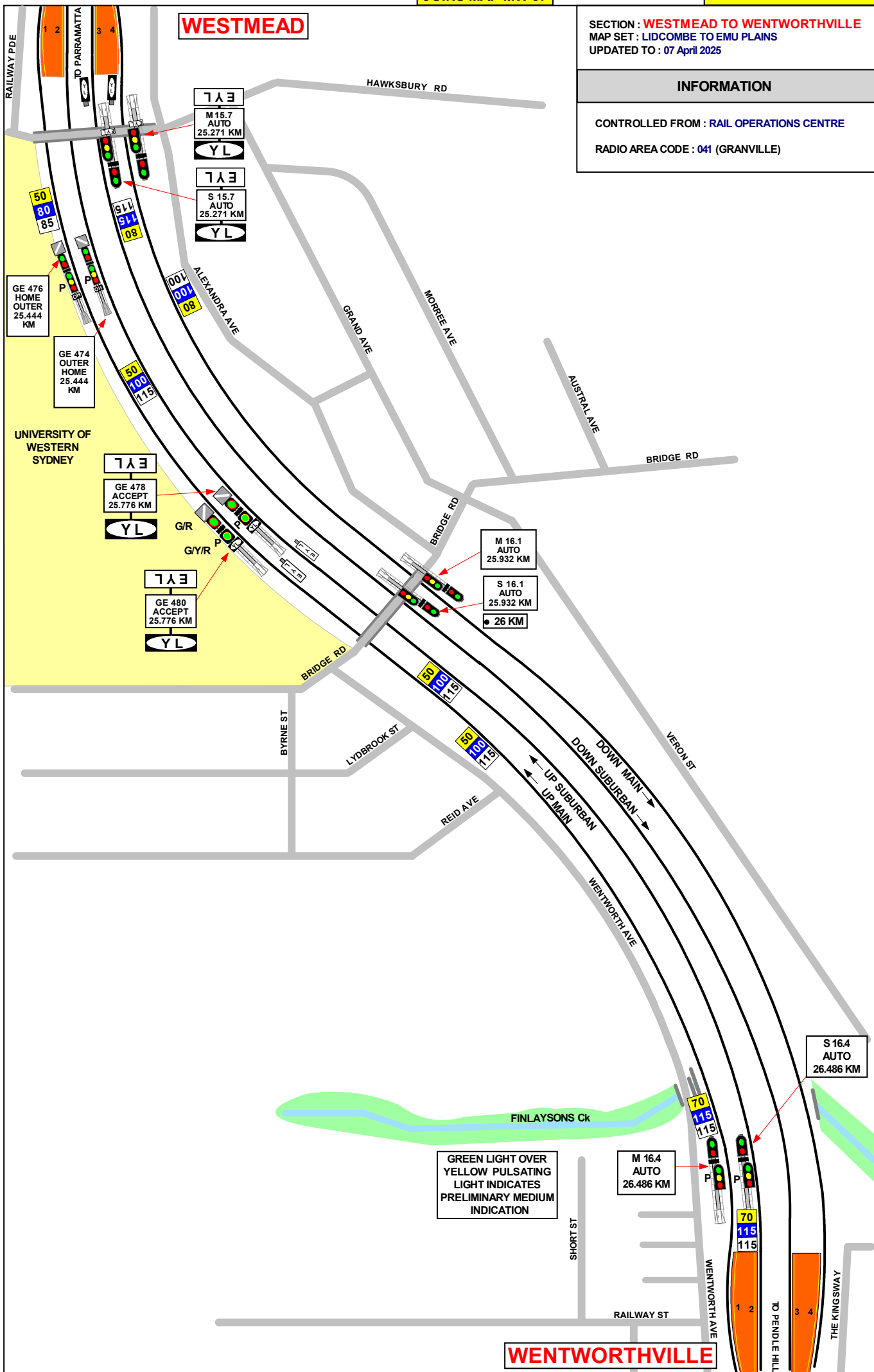
GRADIENT

1 IN 100

1 IN 100

1 IN 178

1 IN 80



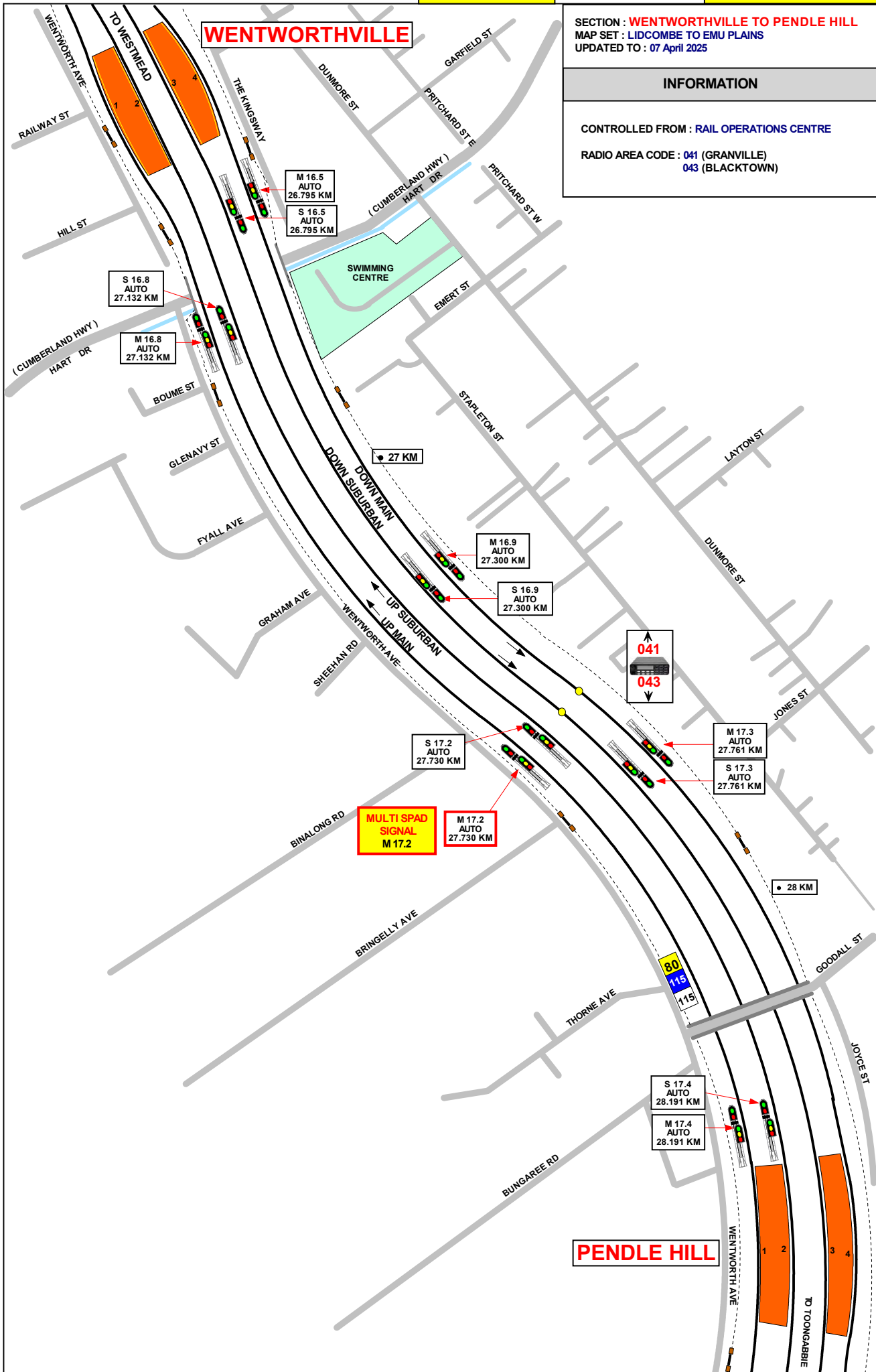
WENTWORTHVILLE

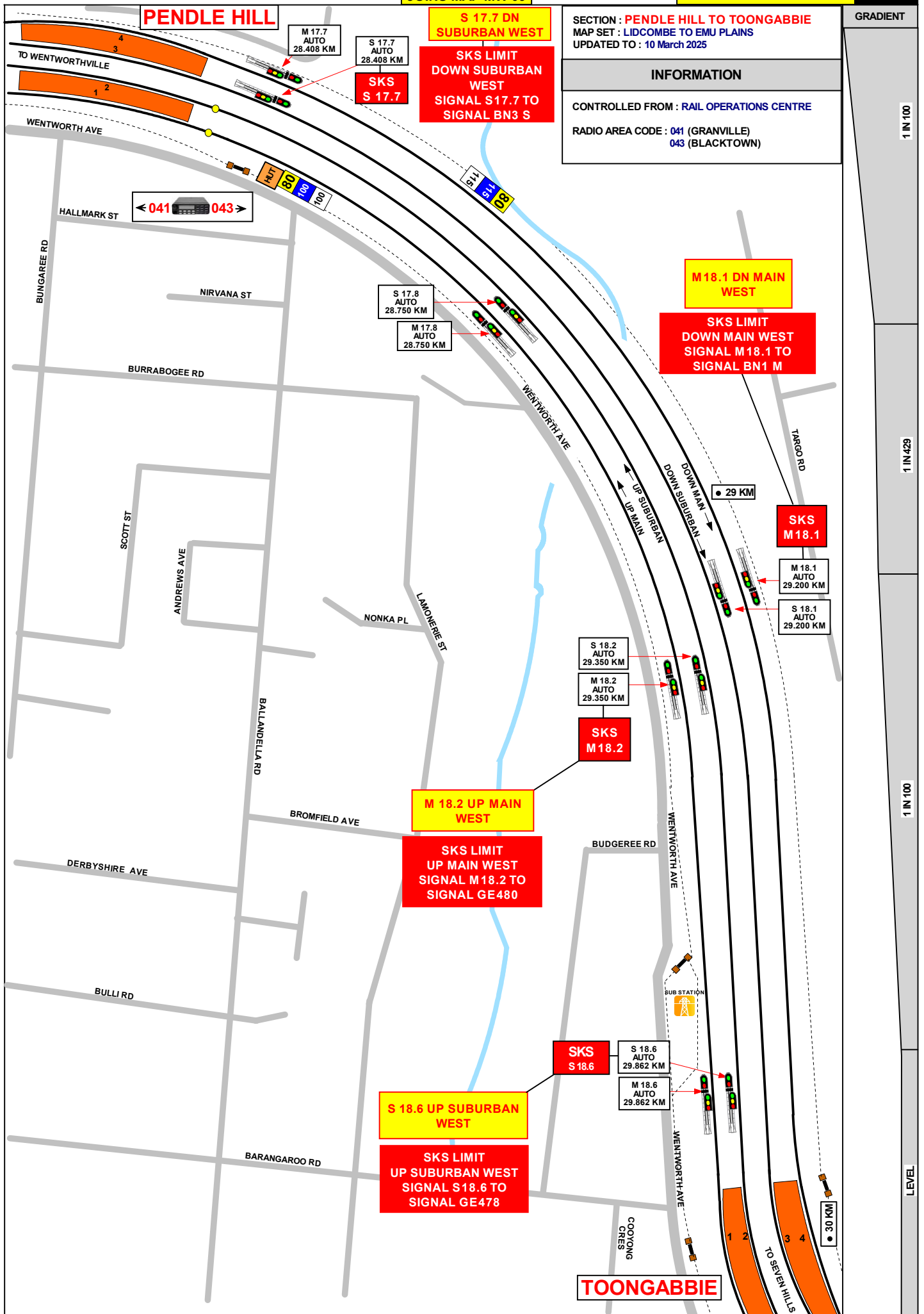
SECTION : WENTWORTHVILLE TO PENDLE HILL
 MAP SET : LIDCOMBE TO EMU PLAINS
 UPDATED TO : 07 April 2025

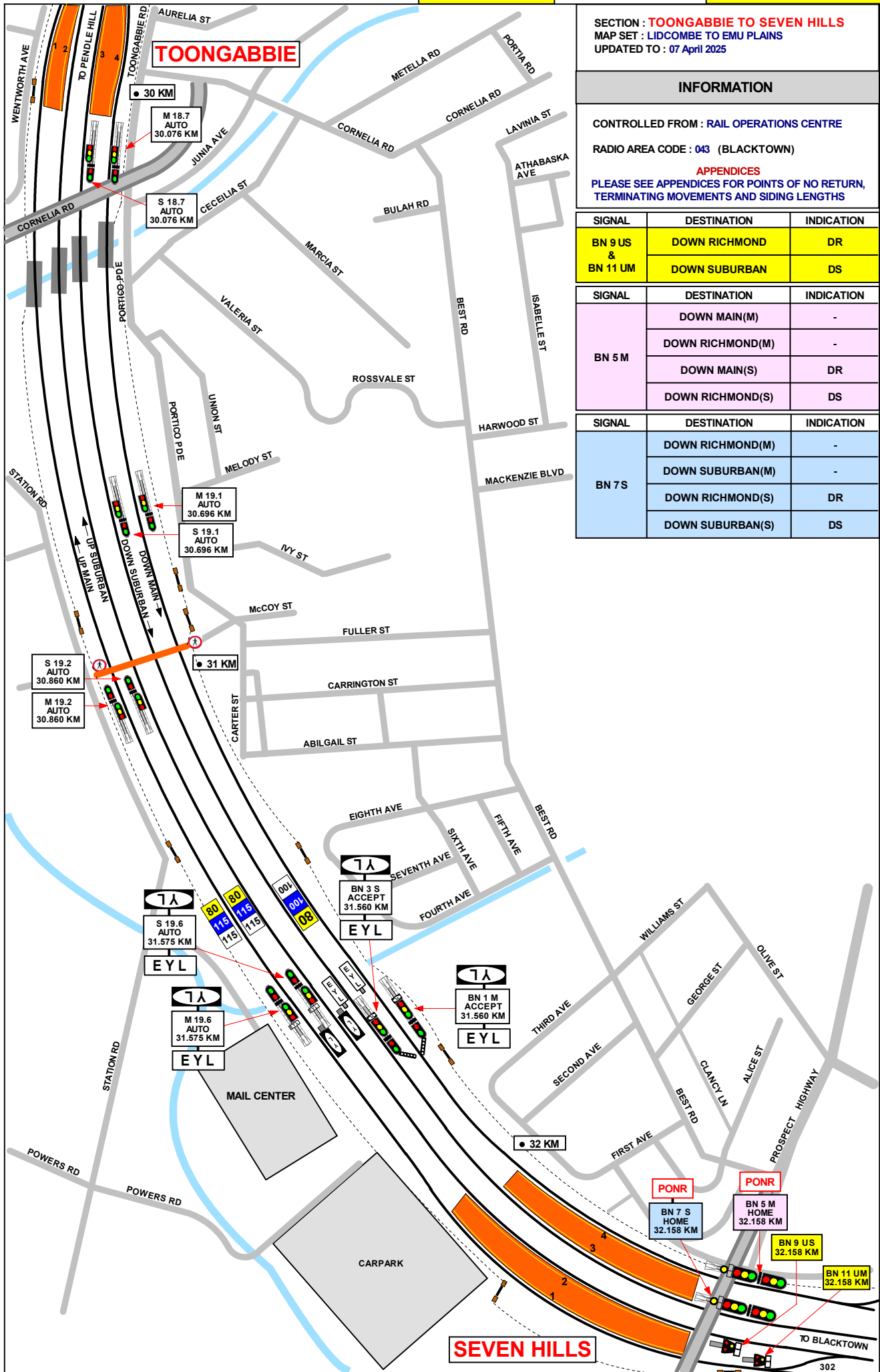
INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

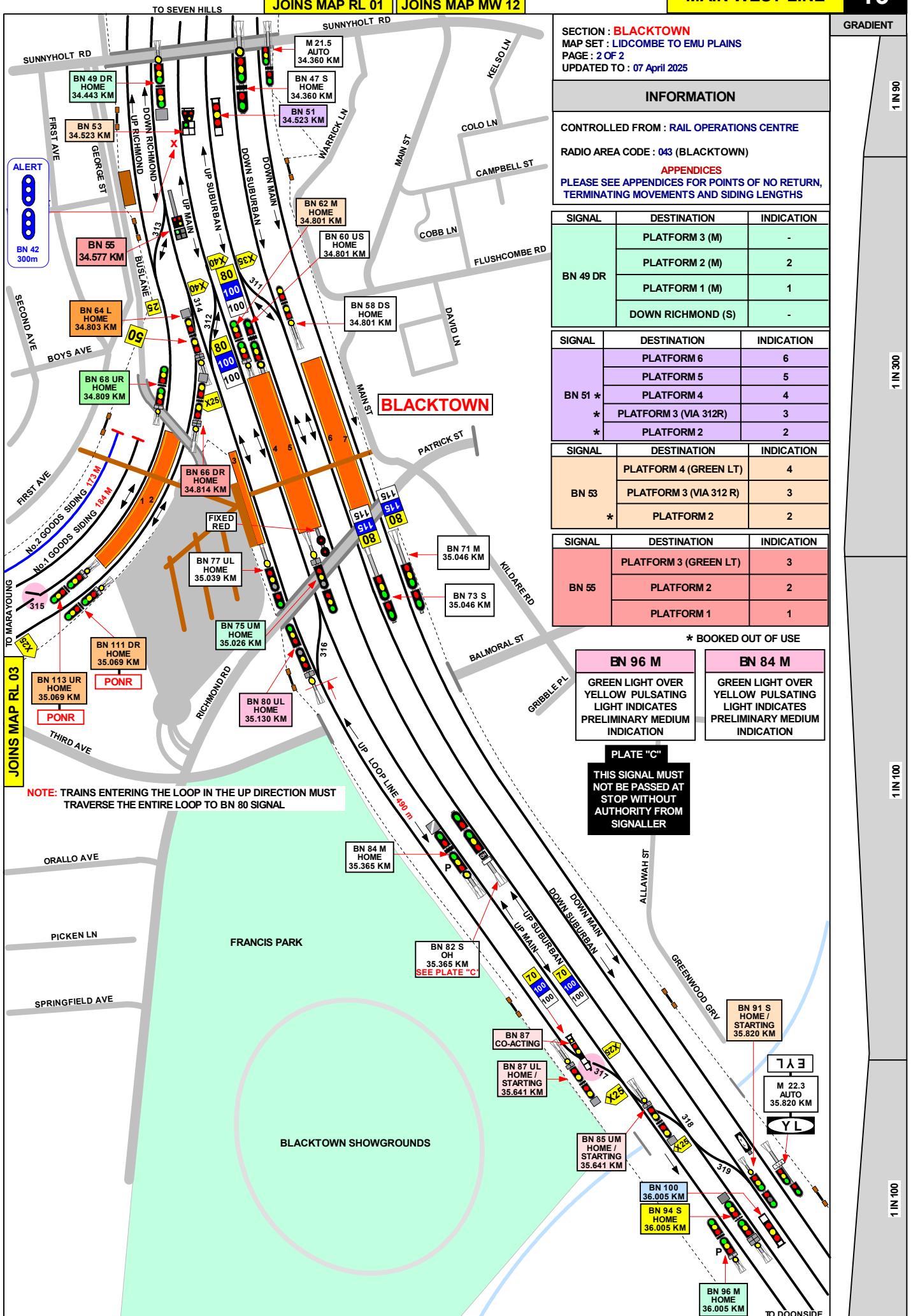
RADIO AREA CODE : 041 (GRANVILLE)
 043 (BLACKTOWN)











SECTION : **BLACKTOWN**
 MAP SET : LIDCOMBE TO EMU PLAINS
 PAGE : 2 OF 2
 UPDATED TO : 10 March 2025

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

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

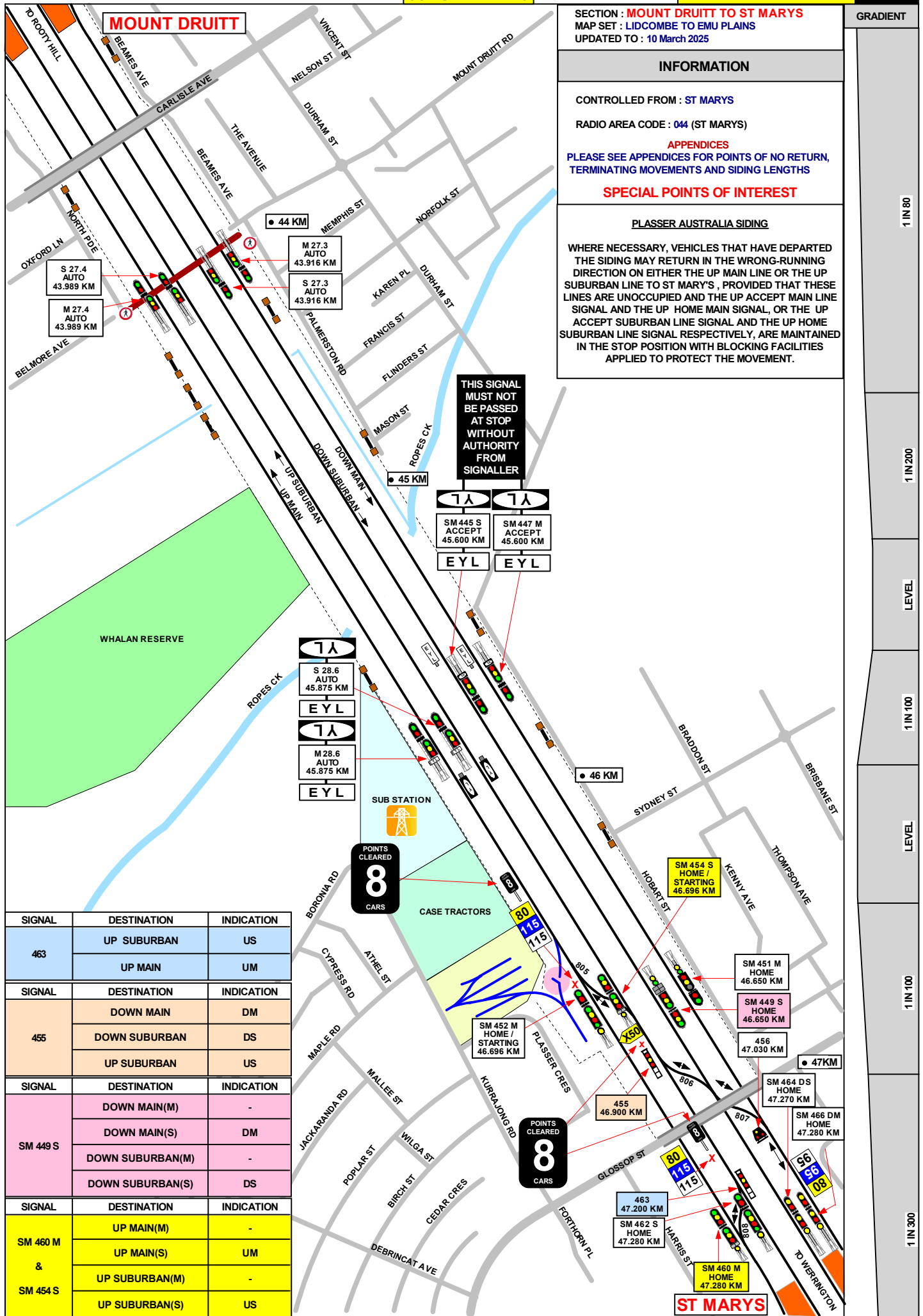
SIGNAL	DESTINATION	INDICATION
BN 115	DOWN RICHMOND	DR
	UP RICHMOND	UR
	GOODS SIDING 1	S1
	GOODS SIDING 2	S2
	GOODS SIDING 3	S3
	GOODS SIDING 4	S4
	GOODS SIDING 5	S5
	GOODS SIDING 6	S6

JOINS MAP MW 15

1 IN 100







SECTION : **ST MARYS TO WERRINGTON**
 MAP SET : LIDCOMBE TO EMU PLAINS
 UPDATED TO : 10 March 2025

INFORMATION

CONTROLLED FROM : **ST MARYS**

RADIO AREA CODE : **044** (ST MARYS)
045 (PENRITH)

APPENDICES

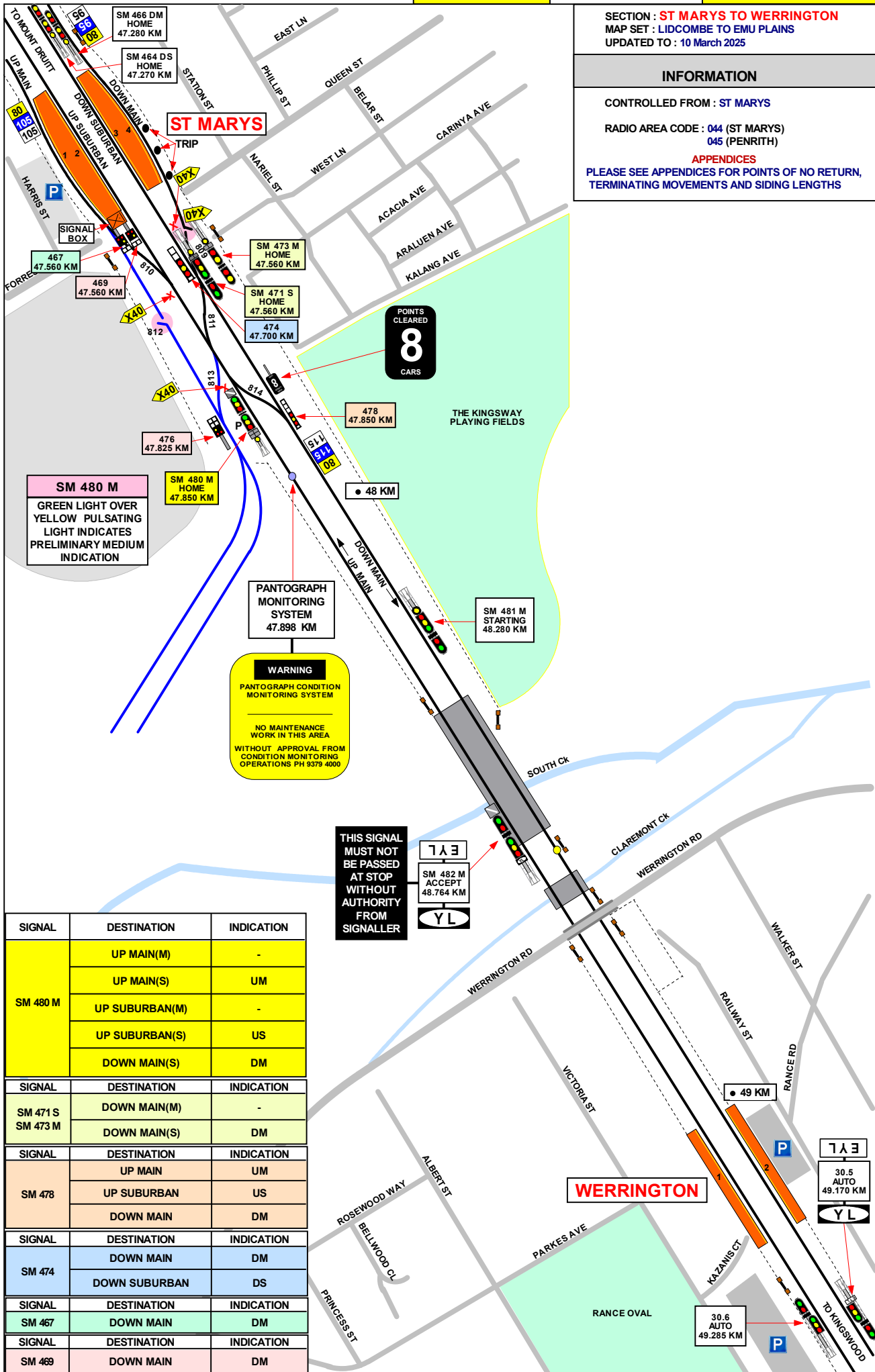
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN,
 TERMINATING MOVEMENTS AND SIDING LENGTHS

GRADIENT

1 IN 300

1 IN 80

LEVEL



SECTION : **WERRINGTON TO KINGSWOOD**
 MAP SET : **LIDCOMBE TO EMU PLAINS**
 UPDATED TO : 10 March 2025

INFORMATION

CONTROLLED FROM : **PENRITH**

RADIO AREA CODE : **044 (ST MARYS)**
045 (PENRITH)

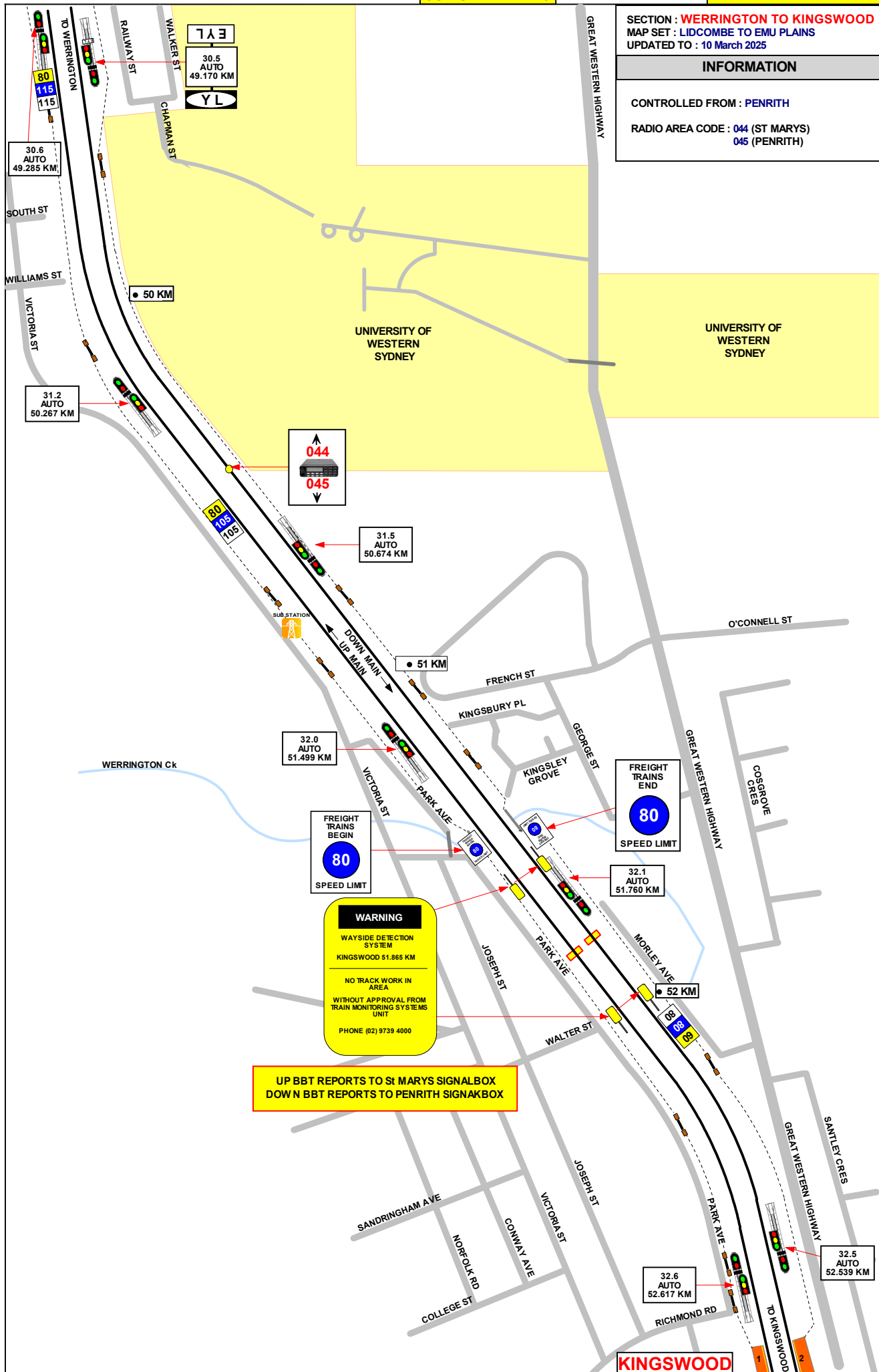
GRADIENT

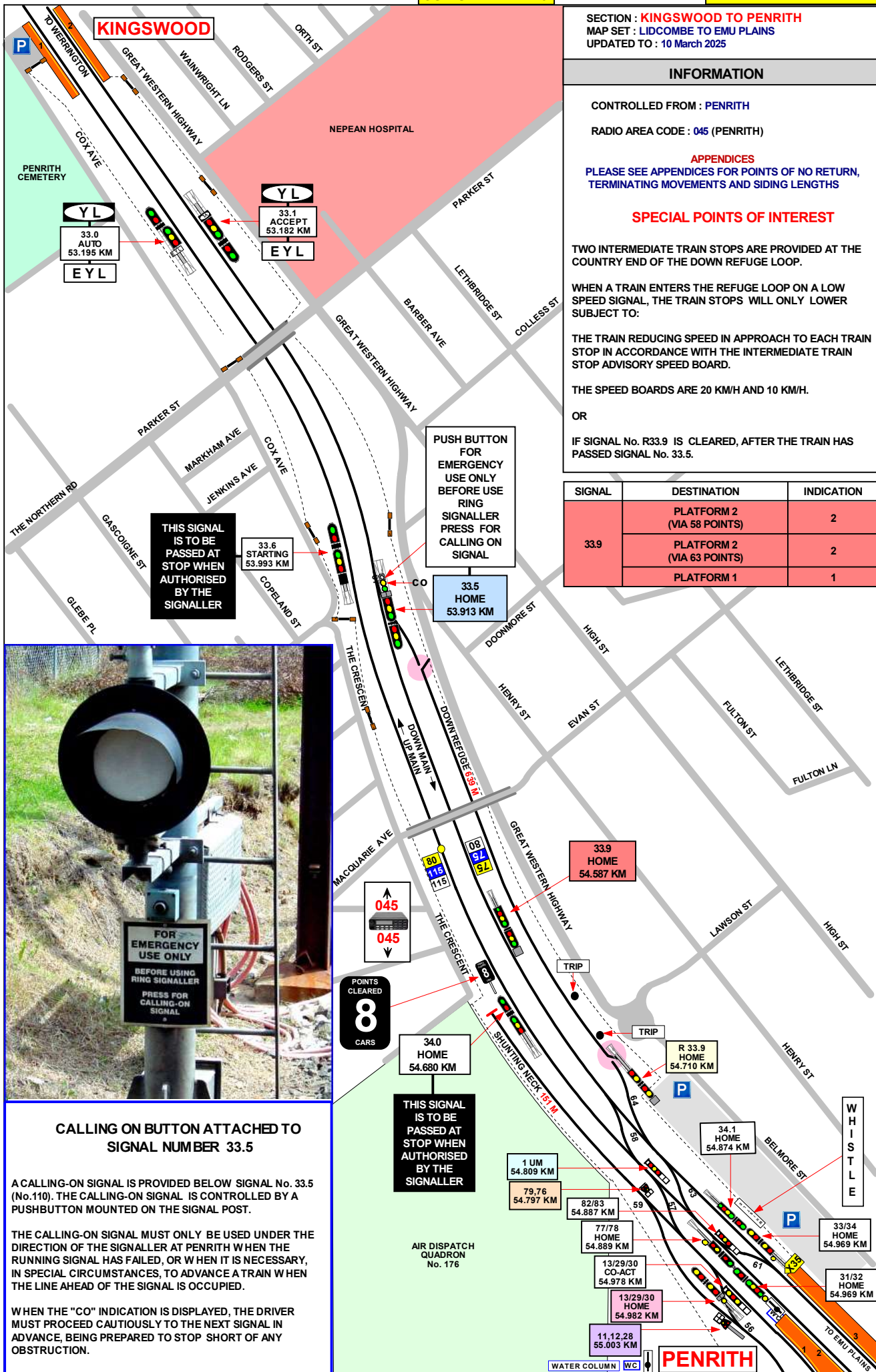
LEVEL

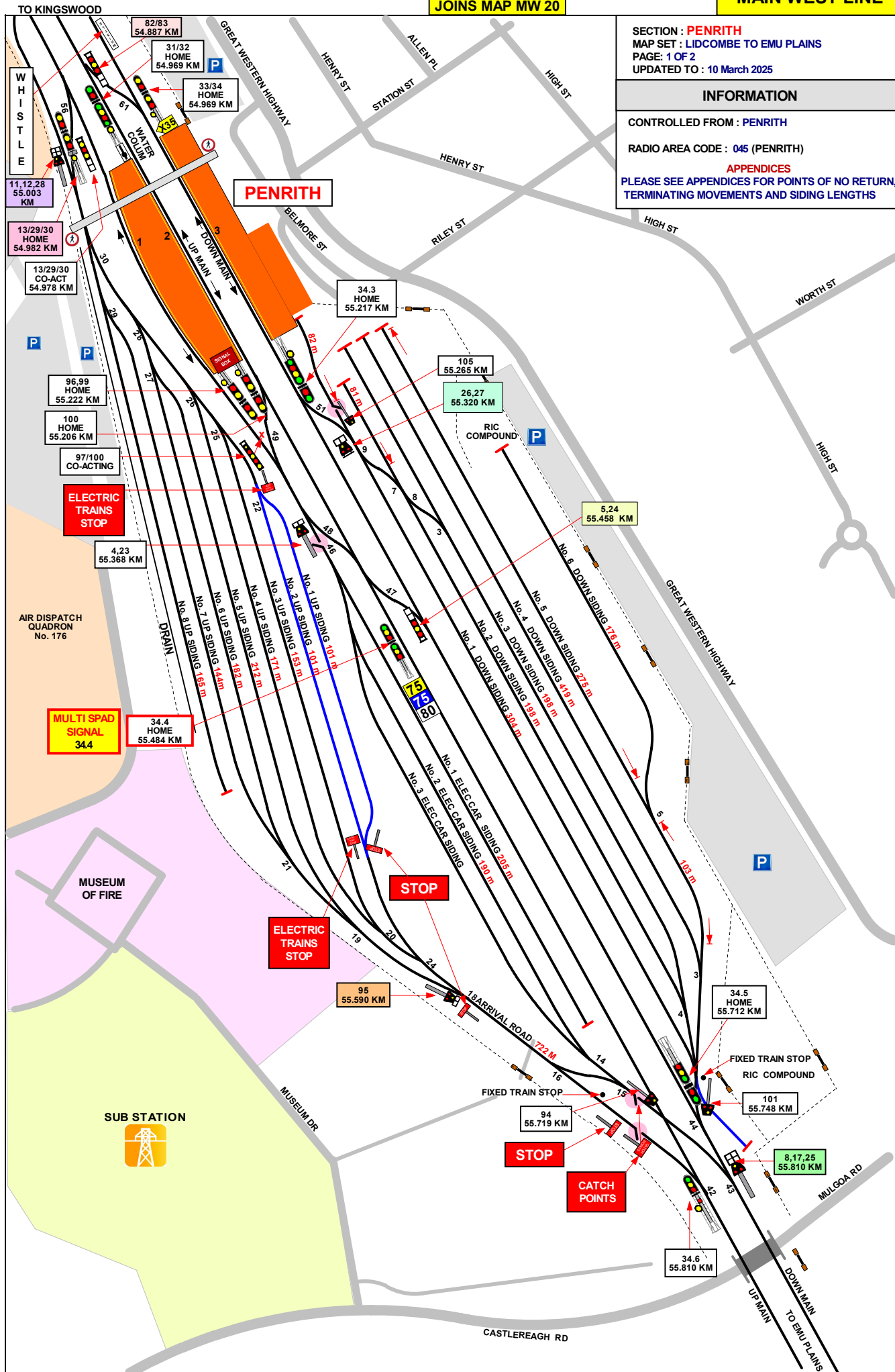
1 IN 100

1 IN 300

1 IN 80







SECTION : **PENRITH**
 MAP SET : **LIDCOMBE TO EMU PLAINS**
 PAGE : 2 OF 2
 UPDATED TO : 10 March 2025

INFORMATION

CONTROLLED FROM : **PENRITH**

RADIO AREA CODE : **045 (PENRITH)**

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

SPECIAL POINTS OF INTEREST
PENRITH

ELECTRIC PASSENGER TRAINS MUST SEEK NETWORK
 COLTROLLER'S PERMISSION BEFORE STABLING IN
 No. 1 DOWN SIDING.

HOWEVER PROVIDED THE SIGNALLER HAS BEEN INFORMED
 OF THE MOVEMENTS TO BE MADE, ELECTRIC PASSENGER
 TRAINS MAY BE DIVIDED IN No.1 DOWN SIDING BEFORE BEING
 STABLED IN THE YARD.

PENRITH IS ONE OF THE DESIGNATED AREAS WHERE
 PROPELLING TRAINS IS PERMITTED AS PER THE TABLE SHOWN.

NOTE : ALL PROPELLING MOVEMENTS MUST BE CARRIED OUT
 AS PER PROCEDURES SET OUT IN "NTR 424 / OSP 15" IN THE
 NETWORK RULES AND OPERATORS SPECIFIC PROCEDURES
 MANUALS.

SIGNAL	DESTINATION	INDICATION
1 UM	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
4,23	BACK PLATFORM	BP
	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
5,24	PLATFORM 1	1
	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
8,17,25	UP SIDINGS	US
	DOWN SIDINGS	DS
	DOWN MAIN	DM

SIGNAL	DESTINATION	INDICATION
11,12,28	SHUNTING NECK	SN
	BACK PLATFORM	BP
	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
13,29,30	SHUNTING NECK	SN
	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
26,27	DOWN DOCK	DD
	DOWN MAIN	DM

SIGNAL	DESTINATION	INDICATION
33.9	PLATFORM 2 (VIA 58 POINTS)	2
	PLATFORM 2 (VIA 63 POINTS)	2
	PLATFORM 1	1

SIGNAL	DESTINATION	INDICATION
R 33.9	PLATFORM 2	2
	PLATFORM 3	3

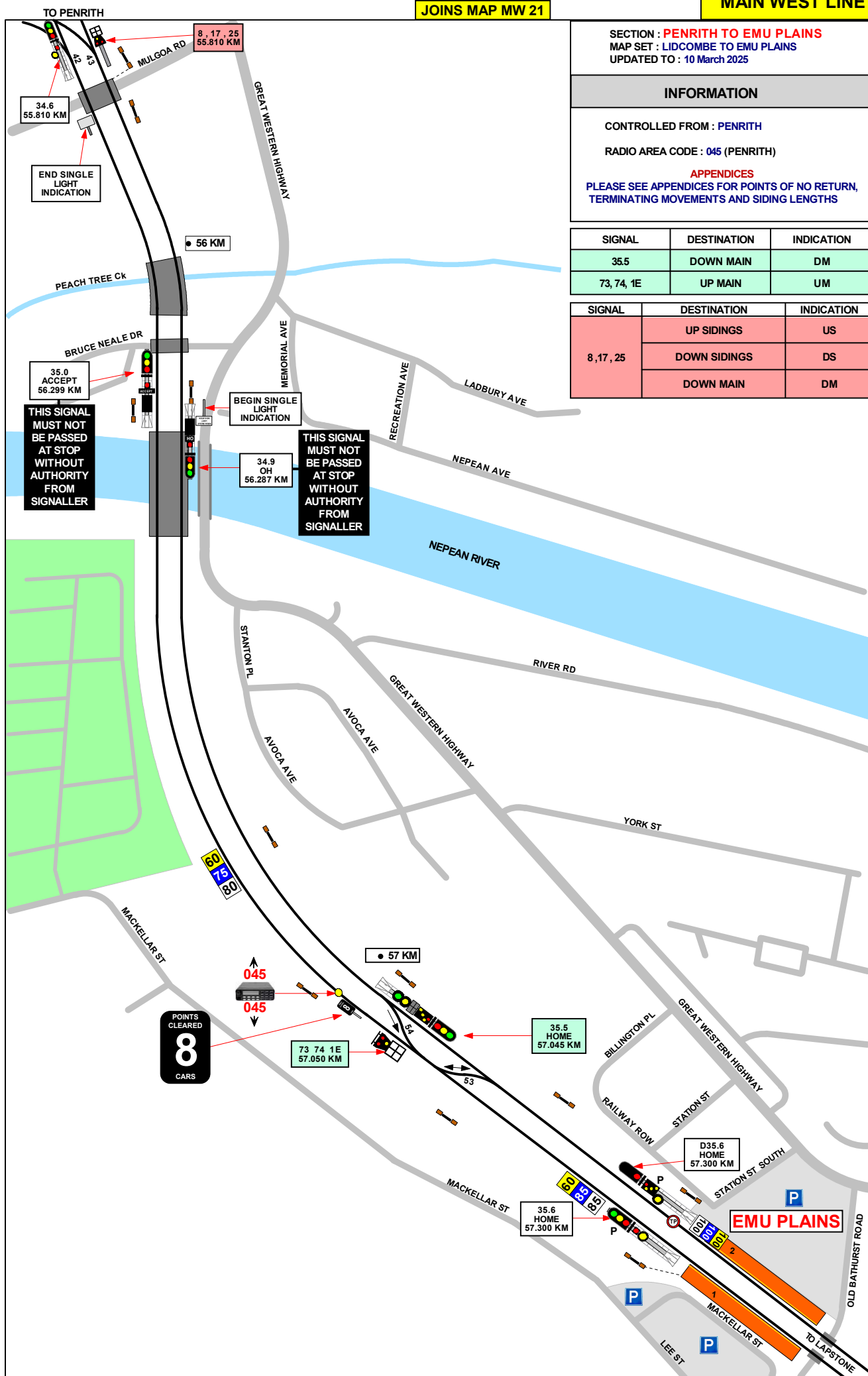
SIGNAL	DESTINATION	INDICATION
79,76	BACK PLATFORM	BP
	SIDINGS	SG

SIGNAL	DESTINATION	INDICATION
82,83	UP MAIN	UM
	DOWN MAIN	DM

SIGNAL	DESTINATION	INDICATION
95	UP ARRIVAL	UA

PROPELLING MOVEMENTS

FROM	LOCATED	TO	LIMIT
UP SHUNTING NECK CLEAR OF 79 , 76 SIGNAL UP TO 6 CARS	APPROX 200 METRES SYDNEY SIDE OF PENRITH	BACK PLATFORM No.1	96 , 99 SIGNAL
UP SHUNTING NECK CLEAR OF 77 , 78 SIGNAL IF MORE THAN 6 CARS	APPROX 100 METRES SYDNEY SIDE OF PENRITH	BACK PLATFORM No.1	96 , 99 SIGNAL
DOWN YARD No. 101 SIGNAL	APPROX 530 METRES EMU PLAINS SIDE OF PENRITH	DOWN MAIN	TO CORRESPONDING CAR MARKER, CLEAR OF No. 8 , 17 , 25 SIGNAL



SECTION : **PENRITH TO EMU PLAINS**
 MAP SET : **LIDCOMBE TO EMU PLAINS**
 UPDATED TO : 10 March 2025

INFORMATION

CONTROLLED FROM : **PENRITH**

RADIO AREA CODE : **045 (PENRITH)**

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

SIGNAL	DESTINATION	INDICATION
35.5	DOWN MAIN	DM
73, 74, 1E	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
8, 17, 25	UP SIDINGS	US
	DOWN SIDINGS	DS
	DOWN MAIN	DM

GRADIENT

LEVEL

1 IN 280

LEVEL

1 IN 186

LEVEL